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From: Director, Military Personnel Plans and Policy Division (N13)  
To: All Ships and Stations (less Marine Corps field addressees not having Navy personnel attached)  
Subj: PROMULGATION OF VOLUMES I AND II OF THE MANUAL OF NAVY ENLISTED MANPOWER AND PERSONNEL CLASSIFICATIONS AND OCCUPATIONAL STANDARDS (NAVPERS 18068F) FOR APRIL 2020  
Ref: (a) OPNAVINST 1223.1D  
(b) NAVPERS 18068F  

1. In line with reference (a), Volume I of reference (b), is the official manual of Navy Occupational Standards and Volume II of reference (b), is the official manual of Navy Enlisted Classifications. This edition includes the latest information available at the time of revision.

2. The manual’s objective is to define the work performed by enlisted personnel and provide correct and timely identification of skilled personnel and requirements dependent upon the interactive support of all command echelons. Commands are encouraged to forward recommendations for establishments, revisions or disestablishments in line with reference (b) (Appendix-A).

3. The Bureau of Naval Personnel CD-ROM will be distributed semi-annually. Requests to have an activity added to the CD-ROM automated distribution list should be addressed to:

   Department of the Navy  
   Navy Personnel Command  
   Attn: PERS-532D  
   5720 Integrity Drive  
   Millington, TN 38055-0532

   and contain the following pertinent information:

   Standard Navy Distribution List Number (SNDEL)  
   Activity Name, Acronym and UIC  
   Address  
   Attention Code  
   Point of Contact with phone number  
   Number of CDs requested with justification

   E-Mail address corrections to: BUPERSWEB/CD@navy.mil

   J. T. JABLON
SUMMARY OF CHANGES

The NEC manual is published quarterly (JAN, APR, JUL and OCT) to provide updated NEC information in a timely manner. Changes (establishments, revisions, disestablishments) to NEC codes identified by the code numbers listed below were made in this revision. Revised NEC codes are those for which a significant change was made (title change, description, course information, sequence code, source rating, component NEC and note). Specific revisions to all chapters of the manual are identified with yellow highlighted print.

CONTENTS

- None

CHAPTER I

- None

CHAPTER II

- None

CHAPTER III

- Reserve Component column revised to read: Yes

CHAPTER IV

D. NEC CODES AND DETAILS

ESTABLISHMENTS

| CODES | |
|-------|-------|-------|-------|-------|-------|-------|
| D17A  | D18A  | D19A  | D20A  | D21A  | H29A  |
| V010  | V011  | V020  | V021  | V030  | V031  |
| V93B  | V97B  | W000  | W001  | 8MTS  | 841A  |

REVISIONS

| CODES | |
|-------|-------|-------|-------|-------|-------|-------|
| A55M  | D13A  | E02A  | E15A  | E25A  | E26A  |
| E27A  | E34A  | F10A  | F16A  | F20A  | F22A  |
| F24A  | F26A  | H14A  | H15A  | H16A  | H17A  |
| H31A  | H32A  | I40A  | I41A  | I45A  | K23A  |
| L02A  | L35A  | M03A  | U04A  | U31A  | U46A  |
| V34B  | V45B  | V61A  | V62A  | V63A  | V64A  |
| V70A  | V93B  | 738A  | 759B  | 770B  | 775A  |
| 784A  | 798A  | 792A  | 8CMC  | 8CSC  | 810A  |

DISESTABLISHMENTS

| CODES | |
|-------|-------|-------|-------|-------|-------|
| C03A  | E01A  | E03A  | E11A  | E18A  | G01A  |
| H10A  | 100A  | I32A  | U27A  | V25B  | 700A  |
| 701A  | 761B  | 769B  |       |       |       |
SUMMARY OF CHANGES (cont’d)

RECODING ACTIONS
Billets and personnel assigned the NEC codes listed below, will be recoded by the Chief of Naval Operations, Navy Manpower Analysis Center, Navy Personnel Command, Naval Reserve Personnel Center or Budget Submitting Offices as appropriate unless indicated otherwise:

<table>
<thead>
<tr>
<th>NEC Code</th>
<th>Billet Recoding</th>
<th>Personnel Recoding</th>
</tr>
</thead>
<tbody>
<tr>
<td>C03A</td>
<td>C02A</td>
<td>C02A</td>
</tr>
<tr>
<td>E01A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>E03A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>E11A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>E18A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>G01A</td>
<td>G34A</td>
<td>0000</td>
</tr>
<tr>
<td>H10A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>I00A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>I32A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>U27A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>V25B</td>
<td>V34B</td>
<td>V34B</td>
</tr>
<tr>
<td>700A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>701A</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>761B</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>769B</td>
<td>0000</td>
<td>0000</td>
</tr>
</tbody>
</table>

CHAPTER V

PLANNING SERIES NEC CODES

ESTABLISHMENTS
V95B  V96B

APPENDIX A

NEC CODE PROPOSALS
- None

APPENDIX B

ENLISTED RATING STRUCTURE PROPOSALS
- None

APPENDIX C

NEOCS PROCESS
- None

APPENDIX D

NAVY ENLISTED CLASSIFICATION (NEC) CHANGE REQUEST (NAVPERS 1221/6)
- None
CHAPTER I

INTRODUCTION TO THE NAVY ENLISTED CLASSIFICATION SYSTEM

A. PURPOSE

1. The Navy Enlisted Classification (NEC) system, of which the NEC coding system is a part, supplements the enlisted rating structure in identifying personnel on active or inactive duty and billets in manpower authorizations. NEC codes identify a non-rating wide skill, knowledge, aptitude, or qualification that must be documented to identify both people and billets for management purposes. Additionally, an NEC code can be used to identify special circumstances or situations with approval via the NEOCS process.

2. The NEC coding system facilitates management control over enlisted skills by identifying billets and personnel and enhancing efficient use of personnel in distribution and detailing. In cases where NEC codes reflect special training, inventories of coded billets and coded personnel are also the basis for planning and controlling input of personnel into formal courses that earn NEC codes. Consequently, the continuing enlisted strength of the Navy, particularly petty officer allocations, and funds authorized for rating and specialty training depends, to an increasing extent, upon the accuracy, thoroughness, and timeliness of NEC coding. Personnel required to support ratings and special programs must be identified by the correct combinations of rates and/or NEC codes.

B. TYPES OF NEC CODES

1. Entry Career Field (SNPACT-WXXX) NEC codes consist of Rating Conversion NEC codes.

   a. Rating Conversion NEC codes identify aptitudes and qualifications not discernible from rates alone and are assigned to identify petty officers or identified strikers who are in training for change of rating or status under approved programs.

2. Rating Career Field NEC codes are established for a specific rating to codify A, C, and F school completion or multiple ratings to codify C and F school completion; and are used for billet assignment and personnel awarding. Rating Career Field NEC codes identify special or unique billet requirements beyond the skill and knowledge that the general rating would provide. When assigned to an individual, Rating Career Field NEC codes show that the person has obtained certain skills or knowledge and is qualified for detailing to a billet requirement. The NEC code construct for specific A, C, and F school Rating Career Field NEC codes and requisite information can be found in Chapter IV of this manual.

3. Special Career Field NEC codes have the same purpose as Rating Career Field NEC codes but in general, relate to an unlimited number of ratings.

4. Tracking NEC codes are approved for tracking unique training/skill sets and/or experience of a Sailor that is not classified as a manpower requirement; they are normally associated with personnel only and not billets. They are used by personnel managers to track “unique” training, i.e. GSA/OSA NEC codes; personnel absorbed into another rating, i.e. 00LI, 00PC, and 0CTA for verification that they are not being disadvantaged; and unique qualifications such as, i.e. Nuclear Propulsion Plant Operator Trainee (9901).
For distribution purposes only, there are some NEC codes not listed in Chapter IV that have billets, but are not awardable to personnel, i.e. Female Petty Officer (9999). Additionally, there are other distribution NEC codes that are used to create unique requisitions that are also not awardable, i.e. Seaman GENDET Male Only (0051). Most tracking NEC codes are for a particular assignment and will disappear upon transfer, whereas others will stay in inventory till they are no longer required by the managers or personnel have exceeded the pay grade range.

5. **Planning NEC codes** are approved for planning purposes only and are listed in Chapter V of this manual. These NEC codes may be used in conjunction with Navy Training Plans, in developing planned training courses, and other applicable long-range projects. Planning NEC codes are established for assignment on manpower authorizations in the Navy Manpower Requirements System (NMRS) to project requirements in Preliminary Ship Manpower Documents (PSMDs) and Preliminary Squadron Manpower Documents (PSQMDs); and other planning purposes. However, they are not assigned to personnel or billets in the Total Force Manpower Management System (TFMMS).

Submit requests for Planning NEC codes to Commanding Officer, Navy Manpower Analysis Center (Code 10) via the chain of command. A request must include a proposed title, a ready-for-training date (actual or estimated), billet paygrades, and point of contact. Submit requests to convert approved Planning NEC codes to Rating Career Field or Special Career Field NEC codes 180 days before the date the NEC code is to be awarded (i.e., 180 days before completion of initial course or factory training). Appendix A identifies requirements for establishing new NEC codes.

C. **NEC CODE RELATIONSHIPS**

1. **Principal NEC codes** identify stand alone skills and may include skills or abilities identified by Component and/or Related NECs. To earn a Principal NEC code that includes a Component NEC, an individual must either already be assigned the Component NEC(s) or be fully qualified for such assignment. When an individual earns a Principal NEC code, in **MOST** cases the individual will not be coded with the Component NEC listed with the Principle NEC code. Component NECs are **NORMALLY** removed from the Enlisted Master Record (EMR) when a Principal NEC code is awarded.

2. **Component NECs** are prerequisite qualifications for assignment of the Principal NEC code. Chapter IV lists Component NECs with the Principal NEC code with which they are associated. Prerequisite skill(s) (Component NEC) that a member must have earned before being awarded the principle NEC code, if any. 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 EMR; the stipulation for retainment will be annotated in the NOTE section of the principal NEC code.

3. **Related NECs** identify qualifications generally similar to those of the Principal NEC code but are not prerequisites for earning the Principal NEC code. Chapter IV lists Related NECs with the Principal NEC code with which they are associated and are shown for information purposes only.

4. **NEC Sequencing:**

   a. NAVMAC (Code 10) has verification responsibility regarding the assignment of Sequence codes for proposed NEC codes. NAVMAC ensures adherence with established guidelines and will coordinate any exceptions with the ECM.

   b. Change of Sequence codes are handled as an NEC code revision and staffed for concurrence from the NEOCS Board.
c. The primary consideration used to make a recommendation to determine assignment of a Sequence code is NEC code seniority and/or specialized skills. The Sequence codes will range from 1 to 9, with 1 being the highest position (highest priority) and 9 being the lowest position. A Career NEC code will have a higher position than an Initial NEC code.

d. Sequence codes (positions) will be determined using the following guidelines:

<table>
<thead>
<tr>
<th>Code</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Entry Series, Conversion, Special Warfare, or Nuke NEC codes (i.e., 01DK, 0199, 5333, and 3354).</td>
</tr>
<tr>
<td>2</td>
<td>Senior Enlisted experience and Specialized Skills NEC codes.</td>
</tr>
<tr>
<td>3</td>
<td>Supervisor/Management; Advanced Technical and Operational/Fleet Critical NEC codes.</td>
</tr>
<tr>
<td>4</td>
<td>Operator, Maintainer, Analyst NEC codes (Career).</td>
</tr>
<tr>
<td>5</td>
<td>Intermediate Level Technician, Operator/Maintainer NEC codes.</td>
</tr>
<tr>
<td>6</td>
<td>First Tour/Initial NEC codes. Basic Operator, Organizational Maintenance.</td>
</tr>
<tr>
<td>7</td>
<td>Special Series Technical or Supervisor in nature. NEC codes that may be used again (i.e., Microminiature Repair Inspector, Instructor, Safety).</td>
</tr>
<tr>
<td>8</td>
<td>Special Series Non-Technical single-use or Tracking NEC codes (i.e., Correctional Counselor, 0090, 802A).</td>
</tr>
<tr>
<td>9</td>
<td>GWOT (Global War on Terrorism) Support Assignment (GSA)/Individual Augmentee and Expeditionary Forces NEC code management.</td>
</tr>
</tbody>
</table>

NOTES:

1. When an NEC code is a component of/or a building block to a more advanced NEC code, the Sequence Code assigned to the Component NEC will normally be assigned a lower priority sequence code than the principal NEC code.

2. In cases where an individual earns two or more NEC codes with the same sequence code number, the NEC code that the individual most recently qualified for will take precedence except in unusual circumstances. NEC code sequence code numbers are shown in Chapter IV.

3. Source Ratings are listed with each Rating Career Field NEC code.

   a. Rating Career Field NEC codes will be assigned only to personnel in designated source ratings or the apprenticeship rates and/or striker-identified rates applicable to a designated source rating.

   b. Personnel should be nominated or sent to courses of instruction earning NEC codes only if they are in the proper source rating or apprenticeship.
Personnel already specialized by a Rating Career Field NEC code normally should not be nominated or sent to a course of instruction earning an additional NEC code unless the course is a logical progression of the earlier specialty training, the NEC code held embodies an outdated technology, or they are in an approved program for formal conversion to a new rating.

4. Paygrade restrictions for assignment of NEC codes to individuals and for application to billets are listed in Chapter IV. Refer to Chapter V for paygrade information for Planning Series NEC codes. Billet paygrades for NEC codes are provided as guidance in changing or recommending changes to Activity Manpower Document (AMD) or other enlisted manpower documents. The billet paygrade range information is based on one or more of the following:

a. Personnel paygrade restrictions (see Chapter IV).

b. Training course prerequisites contained in the Catalog of Navy Training Courses (CANTRAC) (NAVEDTRA 10500).

c. Authoritative judgment obtained from BUPERS Enlisted Community Managers, Primary Rating Advisors, and others possessing specialized knowledge.

d. Data provided in research studies and analyses.

D. NEC CODING USED IN MANPOWER, PERSONNEL AND TRAINING INFORMATION SYSTEM (MAPTIS)

1. An NEC code is assigned to an individual when it is recorded in the Manpower, Personnel and Training Information System (MAPTIS). A page 4 service record entry will reflect these authorized assignments as a 4-character NEC code value. A value of "0000" is used where no Entry, Rating, or Special Career Field NEC code is assigned.

2. **Entry Career Field (SNPACT-WXXX)** NEC codes are always Primary NEC (PNEC) codes and are not removed until an individual has advanced to petty officer status, becomes an identified striker, or changes rating status.

3. **Special Career Field** NEC codes are always Secondary NEC (SNEC) codes or lower.

4. **Rating Career Field/Tracking** NEC codes are PNEC codes, SNEC codes, or lower (depending on the number of NEC codes earned by an individual) but may not replace an Entry Series NEC code unless the individual has advanced to petty officer status, has become an identified striker, or has changed rating status.

E. APPLICABLE COURSES AND ON-THE-JOB TRAINING

Formal courses of instruction, satisfactory completion of which will earn an NEC code, are listed in Chapter IV with the applicable NEC code. If a formal course is mandatory for earning an NEC code, it will be shown in Chapter IV. Chapter IV will also show if a NEC code may be awarded through on-the-job training (OJT) or, if appropriate, through factory training. See NEC code assignment information for personnel (Chapter IV paragraph B.4) for additional information on recommending personnel for NEC codes based on OJT.
CHAPTER II
RESPONSIBILITIES AND PROCEDURES

A. AUTHORITIES AND RESPONSIBILITIES

1. The Chief of Naval Personnel (CNP) is responsible for the formulation and implementation of the NEC coding system and for maintaining technical control over the entire NEC system per MILPERSMAN. Authorities and responsibilities delegated by CNP, as per MILPERSMAN 1221-010, are outlined below.

2. The NEC Code Management Section (PERS-4013) is responsible for administering the NEC coding system for enlisted personnel on active duty. In this regard, the Commander, Navy Reserve Forces Command and the Navy Reserve Readiness Commanders will continue to monitor NEC coding efforts by inspections and through the Reserve Pay and Personnel Services. This includes Conversion NEC code assignments and cancellations.

3. The NEC Code Management Section (PERS-4013), in coordination with CNP, is responsible for effective use of NEC code information in the distribution, placement, and detailing of enlisted personnel.

4. Commands conducting courses of instruction that award NEC codes are responsible for reporting on students per NETCINST 1510.1 series.

5. Enlisted Classification Units, under the technical direction of the NAVPERS are responsible for reviewing NEC codes, and recommending coding assignments or cancellations directly to PERS-4013D2.

6. All commands are responsible to ensure that only personnel in proper source ratings are afforded training in NEC code specialties, for making recommendations for NEC code identification of billets in their manpower authorizations, and recommending assignment or cancellation of all other NEC codes per this manual.

B. INSTRUCTIONS FOR ASSIGNING AND CANCELING NEC CODES

1. NEC codes may be assigned or canceled as follows:

   a. By commands conducting formal courses of instruction submitting reports per NETCINST 1510.1 series.

   b. By Enlisted Classification Units submitting recommendations to PERS-4013D2 for accessions to active duty.

   c. By the NEC Management Section (PERS-4013) for active duty personnel.

      (1) Assigning NEC codes to personnel through on-the-job training or where not otherwise reported via the Corporate Enterprise Training Activity Resource System (CeTARS).

      (2) Coordinating requests to waiver NEC code award requirements with OPNAV (N132) cognizant Enlisted Community Manager, as appropriate.
d. By the NEC code Management Section (PERS-4013) for inactive duty personnel based on recommendations received from Navy Reserve Commands and Units via their echelon IV.

e. An individual's NEC code assignments, as authorized above, are those recorded in MAPTIS. When notified of changes by receipt of a completed NAVPERS 1221/6, commands will record these changes on page 4 NAVPERS 1070/604 service record entry using award date indicated on NAVPERS 1221/6. Do not report NEC code assignments to PERS-4013D2 by personnel diary.

2. NEC Codes for Personnel. Individual commands and drilling units are responsible for recommending assignment or cancellation of all NEC codes other than Entry Series NEC codes as follows:

   a. Active Duty:

      (1) USN and USNR, including FTS: to Commanding Officer, Enlisted Personnel Management Center (PERS-4013).

      (2) Exceptions to the normal award criteria, including waivers, are to be requested from PERS-4013D2 via endorsing commands per current OPNAV and NAVPERS instructions or as noted in Chapter IV of this manual as a specific note to that NEC code. Chief of Naval Operations, Head Enlisted Community Management BUPERS-32 will provide policy guidance to PERS-4013D2 concerning NEC code removals and award criteria. Exceptions include:

         (a) Nuclear Propulsion Plant Operator (NXXX): OPNAVINST 1220.1 (series) (NOTAL) contains amplifying instructions and additional criteria for removing or changing NEC codes used to designate personnel trained as Nuclear Propulsion Plant Operators (Surface and Submarine). Submit NAVPERS 1221/6 for these personnel directly to OPNAV (N132).

         (b) Remove submarine related NEC codes via Head, Nuclear Power/Submarine Assignment Branch (PERS-403). Of special note, submarine disqualifications and reinstatements will be per the MILPERSMAN 1306-418 and 1220-040, with PERS-403 as the final adjudicator.

         (c) HM NEC code removals and waivers of mandatory courses of instruction will in all cases be forwarded by PERS-4013D2 to OPNAV (N13) for adjudication.

      (3) HM personnel holding an NEC code beyond the prescribed paygrade cap will not have their NEC code removed without OPNAV (N132) approval. This is to facilitate the management of critical specialties as the inventory paygrade ceilings transition to match billet paygrade ceilings while ensuring the strength of each community adequately sustains mission requirements.

      (4) HM personnel who lose their NEC code for poor performance or disciplinary reasons will have the NEC code removed from the Enlisted Master Record. Commands are required to provide appropriate supporting documentation, (i.e., special evaluation). NEC code removals should not be used in place of administrative separation proceedings or forced conversions.

      (5) Certification/recertification of clinical proficiency is the responsibility of the member. Failure to attain and maintain clinical proficiency is ground for NEC code removal, loss of remaining SRB entitlement, and reassignment as an HM "0000".

NOTE: With current policies and instructions in place to establish the validity of an individual's NEC code qualifications, the via endorsement will be the determining factor in the award or removal of the NEC code from the individual's Enlisted Master Record.
b. Inactive Duty:

(1) All Rating Conversion codes: to PERS-4013 via cognizant Naval Reserve Readiness Commander or Chief, Naval Reserve as appropriate.

(2) Intelligence Specialist personnel in paygrades E-7 and below: to Naval Intelligence Command (NIC-13), 4600 Silver Hill Road, Washington, D.C. 20389-5000 via Commanding Officer with the following documentation:

(a) Inactive NAVPERS 1221/6.

(b) Certified copies of last three enlisted evaluations.

(c) All Navy Occupational, Training and Awards History (NAVPERS 1070/604 Rev 11-81).

(3) Restricted NEC codes (Non-traditional training or experience): to PERS-4013 via cognizant Naval Reserve Readiness Commander/ISIC and Chief of Naval Reserve with the following documentation:

(a) Inactive NAVPERS 1221/6 including justification for assignment of requested NEC code.

(b) Certified copies of substantiating documentation (degree, vocational certificates, professional licenses, etc.).

(c) Current job description if NEC code requested is based on civilian work experience.

(4) NPC (PERS-4013) will take appropriate action upon receipt and if applicable forward the package, including coordination of request to waive NEC code requirements with OPNAV (N13) cognizant Enlisted Community Managers, to the program Technical Advisor for final determination or certification.

C. GENERAL ASSIGNMENT AND CANCELLATION INFORMATION

1. Personnel are automatically assigned NEC codes upon satisfactory completion of applicable courses through CeTARS as outlined in NETCINST 1510.10 (series). This ensures faster NEC code assignments and reduces paperwork at the command level. NEC codes earned through JQR, PQS, OJT and/or factory/Cadre training is not automatically assigned, therefore, increased command attention is required to recommend fully qualified personnel for these NEC codes. In those cases where NEC code assignments are not restricted to mandatory completion of applicable courses or factory/Cadre training, recommendations can and should be forwarded for assignment of NEC codes based on JQR, PQS, and/or OJT. The length of JQR, PQS, and/or OJT is normally at the discretion of individual commanding officers, however, six to twelve months, depending on the complexity of the NEC code, should be considered minimum. Specific requirements for NEC codes are listed in Chapter IV as "NOTES" under an NEC code or NEC code group heading. Commanding Officers must ensure that these specific requirements, including any component NEC codes, are successfully completed.

2. Individuals must either hold or be qualified to hold the Component NEC codes. To recommend personnel for an NEC code, use NAVPERS 1221/6 for active and inactive duty personnel. See Appendix A for additional information and instructions for NEC code recommendations.
3. When recommending new NEC code assignments, review qualifications for NEC codes presently held and provide comment, particularly in those instances where a positive requirement exists for maintaining NEC code qualifications in accordance with established criteria, (e.g., Aircrewman qualifications).

4. Close command attention is required for recommending cancellation of NEC codes. This requires command recommendations to cancel NEC code assignments in cases where enlisted personnel do not perform their NEC code duties satisfactorily, normally within six months after reporting aboard. Failure to recommend NEC code cancellation may result in these unqualified or unsatisfactory performers being reassigned under the NEC code, possibly resulting in manning or readiness problems for a new command or in the failure to assign sufficient qualified personnel to current command.

NOTE: Appendix A provides instructions on how to prepare and submit recommendations for establishing, disestablishing, or revising NEC codes.

D. COMMAND NEC CODE BILLET CHANGE REQUESTS (BCR)

1. Procedures are specifically noted in the Manual of Navy Total Forces Manpower Policies and Procedures (OPNAVINST 1000.16 series). The specific information required and format to be followed for each situation is provided in detail.

2. Of special interest, the Activity Manpower Document (AMD) Short-format Change Request applies to NEC code changes being requested for authorized billets. The request format is found in OPNAVINST 1000.16 and applies to military ships and squadrons only. It is provided for requesting minor changes to reduce the response time. The changes that may be requested by use of the short-format change request are restricted to:
   a. NEC code changes for billets incident to authorized equipment changes. Not authorized using short-form change requests are changes for aircrew, instructor or counselor NEC codes.
   b. Correction of typographical errors noted in Manpower Authorizations, (i.e., billet titles).

3. Submit AMD BCRs to Navy Manpower Analysis Center (Code 20) via chain of command (i.e., type commander/Budget Submitting Office (BSO)). Clearly substantiate the request and attach required supporting documentation.
CHAPTER III

NAVY RATINGS AND RATING CONVERSION NEC CODES

Paragraph A of this section identifies the current Navy ratings. Paragraph B identifies Entry Series NEC codes used by detailers and classifiers which consist of Rating Conversion NEC codes.

A. NAVY RATINGS

1. General Ratings (SECNAV Approved): Identify personnel from paygrades E-4 through E-9. They provide the primary means of identifying billet requirements and personnel qualifications. Each rating has a distinctive rating badge.

2. Service Ratings (CNO Approved): These are subdivisions of certain general ratings. Service Ratings identify required specialization and specific areas of qualifications in the utilization and training of personnel. The rating badge for a Service Rating is the same as that for the General Rating.

3. Reserve Component: Denotes whether there is a requirement/or not for an approved rating to maintain an inactive duty Selected Reserve (SELRES) component in support of the ratings Active Duty component.

4. Compression Ratings: Identify the combining of several General or Service Ratings at paygrade E-9, with the exception of BU, EA and SW, which compresses at E-8, to form broader career fields when the occupational content is similar.

5. General Rate: Identify personnel occupationally in paygrades E-1 through E-3.

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<th>Reserve Component</th>
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General Ratings: 58
Service Ratings: 34
Compression Ratings: 5

General Rates: AN, CN, FN, HN, SN
### B. RATING CONVERSION NEC CODES

Detectors use Rating Conversion NEC codes to identify petty officers or strikers who are in training for change of rating or status under approved programs. Rating Conversion NEC codes are as follows:

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CHAPTER IV

RATING COMMUNITY AND CAREER FIELD NEC CODES

A. PURPOSE

Rating Career Field NEC codes are established for a specific rating to codify A, C, and F school completion or multiple ratings to codify C and F school completion; and are used for billet assignment and personnel awarding. Rating Career Field NEC codes may be assigned to billet requirements (skill/knowledge requirements) to identify skill and knowledge beyond that which is provided by the General or Service rating. Rating Career Field NEC codes may also be awarded to personnel only, for tracking C and F school completion that the person has obtained for certain skills or knowledge and is qualified for detailing to a billet requirement:

- Special Career Field NEC codes have the same purpose as Rating Career Field NEC codes but in general, relate to a large number of ratings.
- Current NEC codes throughout this chapter are constructed per the approved Occupational Communities, Career Fields, And Associated Ratings
- Data fields associated with the NEC code description 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 awarding to personnel and assignment to billets.

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 NEC codes on the individuals Enlisted Distribution Verification Report (EDVR), section B; and other documents used in personnel distribution. Appendix A, pg 3, 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 code. The NEC code 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 to the NEC code. The NEC code revision was effective immediately as of this date.

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

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

R: The NEC code 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 code in this category can maintain periodic recertification/requalification required for the NEC code within a normal, annual TRC A training cycle.

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

NOTES:
1. A formal training course that awards the NEC code 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. NEC codes 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 code categories with appropriate NEC code Advisors.

11. COMPONENT NEC. Prerequisite requirement for awarding the principal NEC code to personnel. Under normal circumstances, if the NEC code (s) identify “C” or “F” school completion, the NEC code (s) is/are removed once the principal NEC code is awarded. However, with sufficient justification for unique situations such as community management initiatives or legacy retention purposes, the Component NEC may be retained in the member’s personnel record; the stipulation for retention will be annotated in the NOTE section of the principal NEC code. If the NEC code identifies “A” school Ready Relevant Learning/Block Learning (RRL/BL) completion, the NEC code will be removed once the principal NEC code is awarded with NO exception.

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

13. LEGACY NEC CODE. Identifies the NEOCS approved Legacy NEC code established prior to the 1 October 2017 implementation start date for the current RRL/BL NEC code construct attached to the title.

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

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

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 CODE CONSTRUCT

The first character is alphanumeric indicating the specific Enlisted Career Field (AXXX-WXXX); or that the NEC code is open to multiple Enlisted Career Fields (7XXX/8XXX). All language NEC codes begin with 9 and the DoD mandated three-character language trigraph is added, e.g. 9KUR (Kurdish).

- NEC codes with associated training that is not blocked ends with a letter (XXXX-XXZZ); prerequisite C/F schools, OJT/JQR/PQS, and Factor/Cadre training.

- NEC codes with associated training that is blocked ends with a number (XX2, XX1, XX0); prerequisite A school training that identifies the number of blocks remaining, e.g. Block 0, Block 1, and Block 2 which means there are 3 NEC codes established (0 = fully trained).
<table>
<thead>
<tr>
<th>OCCUPATIONAL COMMUNITIES (12), CAREER FIELDS (23) &amp; ASSOCIATED RATINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AVIATION COMMUNITY</strong></td>
</tr>
<tr>
<td>- Deck (AB, ABE, ABF, ABH, AO)…………………………………..</td>
</tr>
<tr>
<td>- Squadron (AD, AE, AF**, AM, AME, AO, AT, AV**)………………</td>
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<tr>
<td>- Support (AC, AN*, AS, AZ, PR).…………………………………</td>
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<tr>
<td>- Air Crew (AWF, AWO, AWR, AWS, AWV)…………………………...</td>
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<tr>
<td>- Intermediate Level/Fleet Readiness Center (FRC) (AD, AE, AM, AT)…………………………………</td>
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<td><strong>EXECUTIVE SUPPORT COMMUNITY</strong></td>
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<tr>
<td>- LN, MC, MU, NCC, NCR, PS, RP, YN……………………………..</td>
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<tr>
<td><strong>INFORMATION WARFARE COMMUNITY</strong></td>
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<tr>
<td>- Cryptology (CTI, CTM, CTR, CTT)………………………………..</td>
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<tr>
<td>- Cyber (CTN, IT)………………………………………………….</td>
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<tr>
<td>- Meteorology/Oceanography (AG)………………………………….</td>
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<td>- Intelligence (IS)………………………………………………..</td>
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<td><strong>MEDICAL COMMUNITY</strong></td>
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<tr>
<td>- HM, HN*…………………………………………………………..</td>
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<tr>
<td><strong>NUCLEAR COMMUNITY</strong></td>
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<tr>
<td>- EMN, ETN, MMN………………………………………………….</td>
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<tr>
<td><strong>SEABEES COMMUNITY</strong></td>
</tr>
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<td>- BU, CE, CM, CN*, CU**, EA, EO, EQ**, SW, UC**, UT…………...</td>
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<td><strong>SECURITY COMMUNITY</strong></td>
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<tr>
<td>- MA………………………………………………………………</td>
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<tr>
<td><strong>SPECIAL OPERATIONS COMMUNITY</strong></td>
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<td>- EOD, ND………………………………………………………….</td>
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<td><strong>SPECIAL WARFARE COMMUNITY</strong></td>
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<tr>
<td>- SB, SO……………………………………………………………</td>
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<td>- Service (CSS, LSS, YNS)……………………………………….</td>
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<tr>
<td>- Technical (ETR, ETV, FT, ITS, MT, STS)……………………….</td>
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<tr>
<td><strong>SUPPLY COMMUNITY</strong></td>
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<tr>
<td>- CS, LS, RS……………………………………………………….</td>
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<tr>
<td><strong>SURFACE COMMUNITY</strong></td>
</tr>
<tr>
<td>- Engineering (DC, EM, EN, FN*, GS, GSE, GSM, HT, MM, MR)…………………………………………</td>
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<tr>
<td>- Technical (ET, FC, FCA, GM, IC, STG)………………………..</td>
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<tr>
<td>- Operations (BM, MN, OS, QM, SN*)……………………………..</td>
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<td>* Indicates Apprenticeship (General Rates)</td>
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<td><strong>UNIQUE CAREER FIELDS</strong></td>
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<td>- Open to all Career Fields (Ratings)…………………………….</td>
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<tr>
<td>- Language Career Field…………………………………………</td>
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</table>

* Indicates Apprenticeship (General Rates)
** Indicates Compression Ratings
D. NEC CODES AND DETAILS

AXXX - EXECUTIVE SUPPORT COMMUNITY & CAREER FIELD

AEX0 - Religious Program Specialist Advanced (Expeditionary) (BL-1C)
Employs the principles and techniques of intermediate apprenticeship for the Religious Program Specialist (RP) rating. Sailors receive advanced topics covering office administration, ministry support and accommodation, operational environments, and community relations. Additionally, sailors will receive topics covering expeditionary specific RP duties.

Source Rating: RP  
Course: Mandatory  
Sequence Code: 6  
Component NEC: AEX1  
Primary Advisor: OPNAV (N097)

Billet Paygrades:  
CIN: A-561-0018  
A-561-0024  
ESTB Date:  
REV Date:  
Related NEC:  
Technical Advisor: OPNAV (N097)

Personnel Paygrades: E1-E6  
CDP: 19ES, 19JZ  
19F7, 19K5  
NR Ind: A  
Legacy NEC Code:  
ECM: BUPERS-32

AEX1 - Religious Program Specialist Basic (Expeditionary) (BL-0C)
Employs the principles and techniques of apprenticeship for the RP rating. Provide guidance and schedule training for lay leaders, maintain supplies for the Religious Ministry Team (RMT), and is capable of functioning in a variety of expeditionary settings using apprenticeship level training.

Source Rating: RP  
Course: Mandatory  
Sequence Code: 8  
Component NEC: AEX0  
Primary Advisor: OPNAV (N097)

Billet Paygrades:  
CIN: A-561-0018  
A-561-0021  
ESTB Date:  
REV Date:  
Related NEC:  
Technical Advisor: OPNAV (N097)

Personnel Paygrades: E1-E6  
CDP: 19ES, 19JZ  
19F4, 19K2  
NR Ind: A  
Legacy NEC Code:  
ECM: BUPERS-32

ASE0 - Religious Program Specialist Advanced (Sea) (BL-1A)
Employs the principles and techniques of intermediate apprenticeship for the RP rating. Sailors receive advanced topics covering office administration, ministry support and accommodation, operational environments, and community relations. Additionally, sailors will receive topics covering sea specific RP duties.

Source Rating: RP  
Course: Mandatory  
Sequence Code: 6  
Component NEC: ASE0  
Primary Advisor: OPNAV (N097)

Billet Paygrades:  
CIN: A-561-0018  
A-561-0022  
ESTB Date:  
REV Date:  
Related NEC:  
Technical Advisor: OPNAV (N097)

Personnel Paygrades: E1-E6  
CDP: 19ES, 19JZ  
19F5, 19K3  
NR Ind: A  
Legacy NEC Code:  
ECM: BUPERS-32

ASE1 - Religious Program Specialist Basic (Sea) (BL-0A)
Employs the principles and techniques of apprenticeship for the RP rating. Maintain shipboard library media centers, set-up for worship services, provide activity support, provide guidance and schedule training for lay leaders, and maintain supplies for the RMT.

Source Rating: RP  
Course: Mandatory  
Sequence Code: 8  
Component NEC: ASE1  
Primary Advisor: OPNAV (N097)

Billet Paygrades:  
CIN: A-561-0018  
A-561-0019  
ESTB Date:  
REV Date:  
Related NEC:  
Technical Advisor: OPNAV (N097)

Personnel Paygrades: E1-E6  
CDP: 19ES, 19JZ  
19F2, 19K0  
NR Ind: A  
Legacy NEC Code:  
ECM: BUPERS-32

ASH0 - Religious Program Specialist Advanced (Shore) (BL-1B)
Employs the principles and techniques of intermediate apprenticeship for the RP rating. Sailors receive advanced topics covering office administration, ministry support and accommodation, operational environments, and community relations. Additionally, sailors will receive topics covering shore specific RP duties.

Source Rating: RP  
Course: Mandatory  
Sequence Code: 6  
Component NEC: ASH0  
Primary Advisor: OPNAV (N097)

Billet Paygrades:  
CIN: A-561-0018  
A-561-0023  
ESTB Date:  
REV Date:  
Related NEC:  
Technical Advisor: OPNAV (N097)

Personnel Paygrades: E1-E6  
CDP: 19ES, 19JZ  
19F6, 19K4  
NR Ind: A  
Legacy NEC Code:  
ECM: BUPERS-32
ASH1 - Religious Program Specialist Basic (Shore) (BL-0B)

Employs the principles and techniques of apprenticeship for the Religious Program Specialist rating. Maintain chapel facilities, coordinate worship programs, schedule holy days on the command calendar, and provide multi-media support.

Source Rating: RP
Course: Mandatory
Sequence Code: 8
Component NEC: OPNAV (N097)
Primary Advisor: OPNAV (N097)
Technical Advisor: OPNAV (N097)

Billet Paygrades:
- CIN: A-561-0018
- A-561-0020

Personnel Paygrades: E1-E6
- CDP: 19ES, 19JZ
- 19F3, 19K1

NOTES:
1. NEC code will be awarded following completion of formal training and JQR or PQS.
2. Personnel must have a favorable completed and adjudicated National Agency Check with Local Agency and Credit Checks (NACLC).
3. Component NEC 800R and 805A will be retained in the service member’s record upon awarding of this NEC code.

A00A - Recruiting Tactics Instructor (RTI)

Performs visits at Navy Recruiting District (NRD)/Navy Talent Acquisition Group (NTAG)/Talent Acquisition and Onboarding Centers (TAOC) to train incumbent recruiting personnel on all recruiting tactics. Trains and administers course curriculum on various recruiting specific topics and conducts technical assist visits throughout geographical area assigned as directed by Navy Recruiting Command (NRC) HQs. Identify continuous process improvements using Lean Six Sigma/High Velocity Learning techniques, tactics and procedures to improve organizational effectiveness and efficiencies.

Source Rating: NC
Course: Mandatory
Sequence Code: 2
Component NEC: 800R and 805A
Primary Advisor: NAVCRU
Technical Advisor: NAVCRU

Billet Paygrades:
- CIN: S-501-0007
- ESTB Date: 7/18/17
- REV Date: 4/17/18

Personnel Paygrades: E7-E9
- CDP: 525G
- NR Ind: N

Related NEC:
- Legacy NEC Code: 2905

ECM: BUPERS-32

NOTES:
1. NEC code will be awarded following completion of formal training and JQR or PQS.
2. Personnel must have a favorable completed and adjudicated National Agency Check with Local Agency and Credit Checks (NACLC).
3. Component NEC 800R and 805A will be retained in the service member’s record upon awarding of this NEC code.

A01A - 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
Course: Mandatory
Sequence Code: 3
Component NEC: DCNP
Primary Advisor: DCNP
Technical Advisor: PERS-2

Billet Paygrades:
- CIN: A-542-0015
- ESTB Date: 10/1/17

Personnel Paygrades: E5-E8
- CDP: 574C, 150A
- NR Ind: R

Related NEC:
- Legacy NEC Code: 2905

ECM: BUPERS-32

NOTE: Personnel Paygrade E3s will need to obtain TAD orders funded by the Parent Command in order to attend required training for the awarding of this NEC code.

A01M - Flute/Piccolo Instrumentalist

Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

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

Billet Paygrades:
- CIN: A-450-0010
- ESTB Date: 10/1/17

Personnel Paygrades: E3-E9
- CDP: 6065
- NR Ind: R

Related NEC:
- Legacy NEC Code: 3801

ECM: BUPERS-32

NOTES:
1. Must meet instrumental audition requirements for graduation from applicable course.
2. Must also qualify for and hold NEC code A05M as a secondary NEC code.
A02A - 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:  
Primary Advisor: NAVLEGSVCCOM
Billet Paygrades: 
Personnel Paygrades: E4-E9
CIN:  
ESTB Date: 8/10/12  
REV Date: 10/16/17
Related NEC:  
Technical Advisor: NAVJUSTSCOL
NR Ind: A
Legacy NEC Code: 2960
ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 10/16/17.

A02M - Oboe Instrumentalist
Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

Source Rating: MU  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: PERS-4014
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9
CIN: A-450-0010  
ESTB Date: 10/1/17  
REV Date: 10/1/17
Related NEC:  
Technical Advisor: PERS-4014
NR Ind: R
Legacy NEC Code: 3802
ECM: BUPERS-32

NOTE: Must meet instrumental audition requirements for graduation from applicable course.

A03M - Clarinet Instrumentalist
Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

Source Rating: MU  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: PERS-4014
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9
CIN: A-450-0010  
ESTB Date: 10/1/17  
REV Date: 10/1/17
Related NEC:  
Technical Advisor: PERS-4014
NR Ind: R
Legacy NEC Code: 3803
ECM: BUPERS-32

NOTE: Must meet instrumental audition requirements for graduation from applicable course.

A04A - Multimedia Cameraman
Performs intermediate skills necessary to operate proficiently at a journeyman level of video documentation and production. Proficient in basic skills and expands the concept of narrative and non-narrative productions and introduces the intermediate techniques used in these productions with an emphasis on motion media, dynamic camera movement, intermediate non-linear editing, lighting and audio techniques.

Source Rating: MC  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N09C)
Billet Paygrades: E4-E6  
Personnel Paygrades: E4-E6
CIN: S-570-0051  
ESTB Date: 8/15/19  
REV Date: 8/15/19
Related NEC:  
Technical Advisor: CHINFO (OI-8)
NR Ind: A
Legacy NEC Code: 8143
ECM: BUPERS-32

NOTES:
1. Waiver of course completion will be considered when specialized university training in motion media has been completed. Submit transcript from an accredited university or professional civilian motion media school to certify completion of a minimum of 30 semester hours or equivalent quarter hours of motion media curriculum with mandatory courses in image acquisition and editing, non-linear editing, software and hardware configurations, archiving, emerging technologies, lighting and audio techniques, ethics in journalism, production and presentations. Include copies of course descriptions from university or civilian graphic design school catalog. Submit waiver request form NAVPERS 1221/6 to NPC, PERS-4013 (NEC Mgmt. Section), 5720 Integrity Drive, Millington, TN 38055-3340 via OPNAV (N09C4).
2. Must be eligible to hold a SECRET security clearance.
3. Last reviewed during “CHINFO Periodicity Review” completed 8/15/19.
A04M - Bassoon Instrumentalist
Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

Source Rating: MU  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: PERS-4014  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: A-450-0010  
ESTB Date: REV Date: 10/1/17  
Related NEC:  
Technical Advisor: PERS-4014  
CDP: 6065  
NR Ind: R  
Legacy NEC Code: 3804  
ECM: BUPERS-32  

NOTE: Must meet instrumental audition requirements for graduation from applicable course.

A05A - Multimedia Director/Producer
Master-level multimedia producer that plans, coordinates and supervises the coverage of events, exercises and operations to meet public affairs and commander’s communication objectives. Serves as multimedia communications subject matter expert and directs crewmembers shooting controlled and uncontrolled motion media productions. Performs duties as on-screen crew chief and senior editor for production. Determines equipment and material requirements of each multimedia production. In controlled productions, directs action in the production of scenes and episodes, analyzes existing scripts and recommends appropriate revisions, determines scene composition, coordinates action of performing personnel, directs audio capture during recording, supervises preparation of set and approves set design and props. Trains personnel in broadcast journalism and advanced multimedia techniques.

Source Rating: MC  
Course: Mandatory  
Sequence Code: 2  
Component NEC: A04A  
Primary Advisor: OPNAV (N09C)  
Billet Paygrades: E4-E6  
Personnel Paygrades: E4-E6  
CIN: S-400-2014  
ESTB Date: REV Date: 8/15/19  
Related NEC:  
Technical Advisor: CHINFO (OI-8)  
CDP: 4414  
NR Ind: R  
Legacy NEC Code: 8144  
ECM: BUPERS-32  

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Last reviewed during “CHINFO Periodicity Review” completed 8/15/19.

A05M - Saxophone Instrumentalist
Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

Source Rating: MU  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: PERS-4014  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: A-450-0010  
ESTB Date: REV Date: 10/1/17  
Related NEC:  
Technical Advisor: PERS-4014  
CDP: 6065  
NR Ind: R  
Legacy NEC Code: 3805  
ECM: BUPERS-32  

NOTES:
1. Must meet instrumental audition requirements for graduation from applicable course.
2. Must also qualify for and hold either A01M or A03M as a secondary NEC code.

A06A - 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, coach writers and photographers, makes ethical decisions, and manages staff.

Source Rating: MC  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N09C)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7  
CIN: S-570-0013  
ESTB Date: REV Date: 10/1/17  
Related NEC:  
Technical Advisor: CHINFO (OI-8)  
CDP: 961U  
NR Ind: A  
Legacy NEC Code: 8145  
ECM: BUPERS-32  

A06M - Trumpet Instrumentalist
Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

Source Rating: MU  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: PERS-4014  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: A-450-0010  
ESTB Date: REV Date: 10/1/17  
Related NEC:  
Technical Advisor: PERS-4014  
CDP: 6065  
NR Ind: R  
Legacy NEC Code: 3806  
ECM: BUPERS-32  

NOTE: Must meet instrumental audition requirements for graduation from applicable course.
A07A - 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.

<table>
<thead>
<tr>
<th>Source Rating</th>
<th>Billet Paygrades</th>
<th>Personnel Paygrades</th>
</tr>
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<td>Technical Advisor:</td>
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<td>ECM: BUPERS-32</td>
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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 and 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 via OPNAV (N09C).
2. Must be eligible to hold a SECRET security clearance.
3. Last reviewed during “CHINFO Periodicity Review” completed 8/15/19.

A07M - French Horn Instrumentalist

Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

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<th>Source Rating</th>
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<th>Personnel Paygrades</th>
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<td>ECM: BUPERS-32</td>
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</table>

NOTE: Must meet instrumental audition requirements for graduation from applicable course.

A08A - 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.

<table>
<thead>
<tr>
<th>Source Rating</th>
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<th>Personnel Paygrades</th>
</tr>
</thead>
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NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Last reviewed during “CHINFO Periodicity Review” completed 8/19/19.
A08M - Euphonium Instrumentalist

Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

Source Rating: MU  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: PERS-4014  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: A-450-0010  
ESTB Date: REV Date: 10/1/17  
Related NEC:  
Technical Advisor: PERS-4014  
CDP: 6065  
NR Ind: R  
Legacy NEC Code: 3808  
ECM: BUPERS-32

NOTES:
1. Must meet instrumental audition requirements for graduation from applicable course.
2. Must also qualify for and hold A09M as a secondary NEC code.

A09A - 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. Have the ability to refine broadcast writing skills, effectively communicate ideas and information vocally and aurally using natural sound. Use sound effects and the laws and policies governing the use of copyrighted materials in spot production. 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 storytelling. Works independently or supervises groups of 3 to 15 broadcasters/videographers depending on production.

Source Rating: MC  
Course: Mandatory  
Sequence Code: 6  
Component NEC:  
Primary Advisor: OPNAV (N09C)  
Billet Paygrades: E1-E5  
Personnel Paygrades: E1-E6  
CIN: S-1B-0017  
ESTB Date: REV Date: 6/17/19  
Related NEC:  
Technical Advisor: CHINFO OI-8  
CDP: 20E4  
NR Ind: A  
Legacy NEC Code: 8150  
ECM: BUPERS-32

NOTES:
1. Prospective students must pass a voice audition prior to enrollment in this course.
2. Must be eligible to hold a SECRET security clearance.
3. Last reviewed during “CHINFO Periodicity Review” completed 6/17/19.

A09M - Trombone Instrumentalist

Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

Source Rating: MU  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: PERS-4014  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: A-450-0010  
ESTB Date: REV Date: 10/1/17  
Related NEC:  
Technical Advisor: PERS-4014  
CDP: 6065  
NR Ind: R  
Legacy NEC Code: 3809  
ECM: BUPERS-32

NOTE: Must meet instrumental audition requirements for graduation from applicable course.

A10A - 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 artwork 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:  
Primary Advisor: OPNAV (N09C)  
Billet Paygrades: E3-E7  
Personnel Paygrades: E1-E7  
CIN: S-400-2040  
ESTB Date: REV Date: 10/1/17  
Related NEC:  
Technical Advisor: CHINFO OI-8  
CDP: 324S  
NR Ind: R  
Legacy NEC Code: 8151  
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).
A11A - 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:
Primary Advisor: OPNAV (N09C)

NOTE: Must be eligible to hold a SECRET security clearance.

A11M - Tuba Instrumentalist
Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

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

NOTE: Must meet instrumental audition requirements for graduation from applicable course.

A12A - Public Affairs Supervisor
Manages operational unit or forward-deployed public affairs program and teams. Serves either as command public affairs representative or special assistant at journeyman level. Understands concepts and development of communication, including external information and internal information plans, executing them at the tactical level. Compiles information for press releases, answers media and public questions, and serves as command spokesperson. Oversees management of Mass Communication Specialists, Print Journalists, Photographers, Public Affairs Specialists, Broadcasters and Graphic Artists in the production of Navy and command publications. Works with Public Affairs Officers and/or senior public affairs enlisted personnel to arrange public exhibits, demonstrations, speaking engagements, news conferences, VIP visits, and tours. Schedules and conducts speeches, drafts press releases, responds to public and media queries, and coordinates special events.

Source Rating: MC
Course: Mandatory
Sequence Code: 3
Component NEC:
Primary Advisor: OPNAV (N09C)

NOTE: Must be eligible to hold a SECRET security clearance.

A12M - Guitar Instrumentalist
Perform duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

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

NOTES:
1. Must meet instrumental audition requirements for graduation from applicable course.
2. Perform on auxiliary percussion instruments as required/directed.
**A13A - 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.

<table>
<thead>
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**NOTES:**

1. Must meet instrumental audition requirements for graduation from applicable course.

**A13M - Percussion Instrumentalist**

Performs duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

<table>
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<th>Source Rating: MU</th>
<th>Billet Paygrades: E3-E9</th>
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<td>Technical Advisor: PERS-4014</td>
<td>ECM: BUPERS-32</td>
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**NOTE:** Must meet instrumental audition requirements for graduation from applicable course.

**A14M - Keyboard Instrumentalist**

Performs duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

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**NOTES:**

1. Must meet instrumental audition requirements for graduation from applicable course.
2. Performs on auxiliary percussion instruments as required/directed.

**A15A - 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.

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**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.

**A15M - Electric Bass/String Bass Instrumentalist**

Performs duties as instrumentalists on primary and/or secondary instruments as members of authorized Navy bands. Maintain and make minor repairs to assigned musical instruments.

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**NOTES:**

1. Must meet instrumental audition requirements for graduation from applicable course.
2. Performs on auxiliary percussion instruments as required/directed.
A16A - 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.

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<th>Source Rating:</th>
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NOTES:
1. Per OPNAVINST 5200.45A and MILPERSMAN 1000-021, the designation as the CPPA and subsequent awarding of this NEC code will occur after the identified Navy e-learning courses (or instructor led training) and receipt of designation letter signed by the Commanding Officer.

a. Specific CPPA curriculum is entitled “Command Pay and Personnel Administrator Coordinator Training” or “CPPA Training” located at http://my.navy.mil. Click “OK” when the popup window launches. Select “Quick Links”. While using your CAC E-Mail Certificate after being prompted, type in your PIN. Click on the Course Catalog Tab, enter “CPPA Training” in the Title Search Box and click apply filters. Click the “Enroll” button to the right of the PAYPERS CPPA Training Course. 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-PERS-2-PAYPERS CPPA-CPPATRAINING-V1.0. Completion of this training will result in a printed certificate provided by the CPPA as supporting documentation for the awarding of this NEC code.

b. Additional courses required for CPPA designation are located on Navy e-learning to include:
- Department of the Navy Annual Privacy Training-DON-PRIV-1.0.
- Records Management in the DON: Everyone’s Responsibility - DOR-RM-010-1.2.

2. Additional courses are required for aCSSP designation are located on Navy e-learning to include:
- The CPPA ILT course will be launched August 2018 and personnel being transferred into a CPPA billet will be sent to this course of instruction enroute (if quotas are available based on instructor availability).

3. 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.

4. COMNAVPERSCOM Millington TN Pay and Personnel Information Bulletin 16-05 requires qualified personnel requesting the 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 CPPA user role access is approved.

5. Command with Personnel Offices staffed to process pay and personnel transactions in NSIPS Afloat are encouraged to obtain the NEC code for professional growth.

6. Individuals applying for this NEC code must be serving as a CPPA at their current command (or assigned to a billet coded with the NEC code) and continue to meet the requirements as described in OPNAVINST 5200.45A and MILPERSMAN 1000-021 during the current tour of duty.

7. 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 this NEC code or completion of the CIN.

A17A - 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.

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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.
**A18A - Aerial Cameraman**

Performs in-flight duties as an aerial cameraman. Knowledgeable of photographic equipment and techniques in obtaining still and video imagery; aircraft airframe, applicable equipment, emergency procedures and pre and post flight procedures. Integrate with crewmembers utilizing Crew Resource Management and knowledge in all related gear checks. Exhibit the strictest safety standards across CONUS, OCONUS and at sea when operating in aviation operational environments.

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<td>Primary Advisor: OPNAV (N98)</td>
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**NOTES:**
1. Candidates are required to become familiar with the following material: MPM 1220-010, MPM 1220-020, BUPERSINST 1326.4, CNAF 3710.7.
2. Upon completion of Naval Air Crew Candidate School, Survival Evasion Resistance and Escape School, PQS NAVEDTRA 43437 Naval Aircrew Warfare Specialist Common Core, 30 flight hours and with Medical Approval (DD Form 2992) granted from Flight Surgeon. Candidate must obtain Commanding Officer’s recommendation utilizing the NEC Change Request Form (NAVPERS Form 1221/6) and submit certificates of graduation, completed PQS to MILL_NEC_REQUEST@navy.mil.
3. Individuals applying for this NEC code must be serving at their current command and assigned to a billet coded with the NEC code and continue to meet the requirements as described in BUPERSINST 1326.4.
4. Must be eligible to hold a SECRET security clearance.
5. Last reviewed during “CHINFO Periodicity Review” completed 6/17/19.

**A19A - 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 discipline courses 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. Readies 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.

<table>
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</table>

**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 (RSSO) fleet wide. Additionally, the following DSS/CDSE E-Learning courses are required: Introduction to Information Security (IF011.16); Introduction to Personnel Security (PS113.16); JPAS/JCAVS Virtual Training for Security Professionals (PS123.16); Security Policies, Principles, and Programs (PS140.16). OPM - e-QIP Web Based Training slides are available on the OPM.GOV site: https://www.opm.gov/investigations/e-qip-application/web-based-training/. Candidates are required to become familiar with the following material: ICD/ICS 705, 705.1, 705.2; ICD 704 & ICPO 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) and submit 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.

**A20A - Chief Recruiter**

Identifies a qualified Career Recruiter Force (CRF) Chief Recruiter.

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<tr>
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<td>Technical Advisor:</td>
<td>ECM: BUPERS-32</td>
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**NOTE:** NEC code awarded following completion of Chief Recruiter Personnel Qualifications Standards (PQS) and board approval.
A21A - Assistant Chief Recruiter (ACR)

Identifies a qualified Career Recruiter Force (CRF) ACR.

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<td>CNRC</td>
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Primary Advisor: CNRC

NOTES:
1. Personnel assigned this NEC code will be slated by Commander, Navy Recruiting Command and meet all screening requirements per MILPERSMAN 1306-965.
2. Personnel must have a favorable completed and adjudicated National Agency Check with Local Agency and Credit Checks (NACL).
3. NEC code will be awarded following completion of ACR PQS and board approval.

A22A - Naval Justice School (NJS) Mid-Level Graduate

The LN Mid-Level Course is designed to increase the skill and professional efficiency of LNs in the mid-level leadership position in a region of Fleet legal office and prepares them to perform the increased responsibilities of a legal office Leading Petty Officer (Law Office Manager). It focuses on military criminal law, evidence, procedure, civil law, administrative law, and law office management.

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Primary Advisor: NJS

Personnel Paygrades: E5-E6

CDP: 846L

NR Ind: A

Legacy NEC Code: ECM: BUPERS-32

NOTE: Personnel must complete LN Mid-Level Phase I computer based training prior to attending the in-residence Phase II course.

A23A - Naval Justice School (NJS) Senior Graduate

Tracks personnel who have graduated from NJS Senior Course.

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Primary Advisor: NJS

Personnel Paygrades: E7

CDP: 20E6

NR Ind: A

Legacy NEC Code: ECM: BUPERS-32

NOTE: Personnel must have been advanced to LNC within the past 3 years to attend prerequisite training.

A24A - Writer

Applies basic elements of non-fiction writing and narrative storytelling techniques to write feature stories to further DoD themes and messages. Identifies and understands the differences in purpose and structure between hard news stories and feature stories. Identifies the story purpose and focus, plans the story angle and selects the type of feature appropriate to the story focus and purpose. Identifies and understands target audiences, practices research methods to gather background narrative, selects appropriate sources, and composes in-depth interview questions for long-form interviews.

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Primary Advisor: OPNAV N09C

A25A - Visual Documentation Specialist

Identifies practical concepts and skills to capture still imagery and motion video in uncontrolled environments, to include expeditionary, humanitarian and other operations. Applies hands-on techniques for documentation and communication of DoD themes and messages. Documents legal and battle damage; captures investigative, medical and intelligence imagery; uses night vision equipment; understands multiple methods of transmitting imagery in an operational environment.

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<td>CHINFO</td>
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Primary Advisor: OPNAV N09C
A25M - Vocalist/Entertainer
Performs duties as solo/lead vocalist for authorized Navy bands.

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<tr>
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<td>PERS-4014</td>
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NOTES:
1. 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.
2. Performs on auxiliary percussion instruments as required/directed.

A26A - Graphic Illustrator Apprentice
Demonstrates skills in graphic design, digital drawing, desktop drawing, and mobile drawing. Knowledgeable in the use of vector graphics, animation and raster graphics to display in interactive multimedia. Uses and applies Graphic Design theory, and other communication devices for multiple print and web-based platforms. Manages creative workflow through best practices such as establishing benchmarks and project management. Generates solutions to problems through ideation techniques such as brain writing, collaboration, visualization, storyboarding, mind mapping, etc. in support of DoD themes and messages; areas of emphasis will be: color & brush essentials, layer masks, selections, blend modes, smart objects & filters, and adjustment layers. Familiar with digitizing tablets. Knowledgeable of tablet fundamentals, surface controls, tablet calisthenics, and both vector-and raster based techniques to include shading.

<table>
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<tr>
<td></td>
<td>OPNAV N09C</td>
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</table>

NOTES:
1. Must be eligible to hold a SECRET security clearance
2. 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 PERS-4013.

A51M - 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.

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<td>PERS-4014</td>
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A52M - Arranger
Performs duties as musical arranger for authorized Navy bands. Develops and writes musical scores/arrangements to meet various performance requirements.

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A53M - 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.

<table>
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</table>
A54M - Ceremonial Conductor-Drum Major
Performs duties as ceremonial conductor and drum major for authorized Navy bands. Conducts and directs the musical and military performance of ceremonial units and parade bands.

Source Rating: MU  
Billet Paygrades: E5-E8  
Personnel Paygrades: E5-E9  
Course:  
Sequence Code: 3  
Component NEC:  
Primary Advisor: PERS-4014  
Technical Advisor: PERS-4014  

A55M - Live Production Technician
Designs, configures, maintains and operates live concert sound reinforcement, lighting and production systems for use in public performances by official Navy bands. Knowledgeable of acoustics, basic electricity, electrical safety, hearing conservation, repair of audio and lighting cables, wired and wireless microphone systems (placement, sensitivity, directivity and frequency response profiles), use of software plugins, digital and analog signal processors, digital and analog mixing consoles, digital speaker management systems, multiple monitor mixes (both in-ear and onstage monitors), loudspeakers (design, directivity and sensitivity ratings), signal flow, lighting color theory, digital multiplex, lighting system design, lighting console operation and troubleshooting of complete live sound reinforcement and lighting systems.

Source Rating: MU  
Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E8  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: FBA  
Technical Advisor: FBA  

NOTES:
1. Personnel must demonstrate technical acumen essential to execution of advanced audio systems and artistic aptitude for delivery of multichannel mixes in all styles of music and have Bandmaster endorsement. At least one year of on-the-job training with a qualified Live Production Technician (legacy Sound Reinforcement Technician) is recommended prior to course assignment. Fleet Band Activities (FBA) will select best qualified candidates to attend the course.
2. Last reviewed during “CSCS MU TRR” completed 11/18/19.

BXXX - SEABEES COMMUNITY & CAREER FIELD

B00A - Construction Inspector
Reviews and analyzes project construction drawings and specifications and prepares a Construction Inspection Plan including a checklist of inspection points during critical phases of construction and installation. Verifies that all materials and/or equipment ordered meet applicable project specifications and certifies their conformance to these specifications upon receipt. Inspects all phases of construction and installation, including civil, architectural and structural, electrical and mechanical, for compliance with drawings, specifications and acceptable safe operating, installation, and construction practices. Schedules, coordinates, and observes tests on electrical and mechanical systems (includes operational tests on installed equipment) and arranges for quality control tests on such items as sub-base materials, aggregates and cementitious binders and on related mixes before, during and after installation. Prepares logs, records and reports on all inspections, and tests.

Source Rating: EA, BU, CE, EO, SW, UT  
Billet Paygrades: E6-E7  
Personnel Paygrades: E6-E7  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV N434  
Technical Advisor: NAVFACENG  

NOTE: Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded NEC codes B00A and B01A 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.

B000 - Steelworker (BL-1)
Employs the principles and techniques of journeyman for the Steelworker General Rating. Performs sheet metal pattern development and fabrication; and applies knowledge of pre-engineered building construction.

Source Rating: SW  
Billet Paygrades:  
Personnel Paygrades: E1-E6  
Course: Mandatory  
Sequence Code: 8  
Component NEC: B001  
Primary Advisor: OPNAV (N95)  
Technical Advisor: NAVFACENGCOM  
ECM: BUPERS-32
B001 - Steelworker (BL-0)
Employs the principles and techniques of apprenticeship for the Steelworker General Rating. Solves construction mathematics, interprets construction blueprints and specifications; performs flame cutting, brazing welding, shielded metal arc welding, reinforcing steel work, and fiber line and wire rope activities.

Source Rating: SW
Course: Mandatory
Sequence Code: 6
Component NEC: B001 (BL-0)
Primary Advisor: OPNAV (N95)
Personnel Paygrades: E1-E6

B01A - Advanced Engineering Aid
Employs the principles and techniques of foremanship. Solves mathematical problems commonly encountered by personnel in the Engineering Aid rating. Design 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
Course: Factory Training
Sequence Code: 3
Component NEC: B01A (BL-0)
Primary Advisor: OPNAV (N95)
Personnel Paygrades: E4-E6

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 on-the-job training and recommendation from the Commanding Officer.

2. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for award of this NEC code from means other than completion of formal training pipeline.

3. Last reviewed during “EA TRR” completed 6/25/18.

B02A - 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
Sequence Code: 4
Component NEC: B02A (BL-0)
Primary Advisor: OPNAV N434
Personnel Paygrades: E5-E7

NOTES:
1. Seabees detailed to UPS maintenance billets will be sent enroute to the prerequisite, 58-day Common Electronic Training course conducted by USAF Technical Training School, Keesler AFB, MS
2. Each major claimant must define and provide funding at the command level of the applicable follow-on civilian factory training.
3. Navy UPS systems are manufactured by Emerson or Exide Corp. NAVFACENGCOM and NAVFACENGSERCTR will provide technical assistance as requested to obtain factory training.
4. The Enlisted Community Manager will award NEC B02A after completion of both the prerequisite Air Force course and the factory training.
### B03A - 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.

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NOTE: Billets require Commander Naval Facilities Engineering Command's concurrence to be coded with this NEC.

### B04A - Advanced Construction Electrician
Employs the principles and techniques of foremanship. Applies advance principles of electrical theory. Plans and troubleshoots to a component level. Installs and maintains an airfield lighting system and electrical transmission system. Operates and maintains electrical power plants. Must be familiar with the fundamentals of solid state circuitry. Locates faults in cable and splices them. Plans and installs interior wiring and lighting systems.

<table>
<thead>
<tr>
<th>Source Rating: CE</th>
<th>Billet Paygrades: E4-E6</th>
<th>Personnel Paygrades: E4-E6</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-721-0038 (P/L)</td>
<td>CDP: 09DJ, 09DH</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 9/24/18</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:  OPNAV (N95)</td>
<td>Technical Advisor: NAVFACENG</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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-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
   c. Completion of on-the-job training and recommendation from the Commanding Officer.

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. Last reviewed during “CE TRR” completed 9/24/18.

### B05A - Cable Splicing Technician
Reads and interprets manufactures’ drawings to splice and terminate single and multiple conductor cables used in high voltage distribution systems. Reads and interprets manufactures’ drawings to splice and terminate communication cables using copper and fiber optic technology. Uses test equipment to locate faults and splice losses in power and communication cables and splices.

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<tr>
<td>Course: Mandatory</td>
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<tr>
<td>Primary Advisor:  OPNAV N434</td>
<td>Technical Advisor: NAVFACENG</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
B06A - 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: B06A
Primary Advisor: OPNAV N434

Billet Paygrades: E5-E8
Personnel Paygrades: E5-E8
CIN: A-730-0014
ESTB Date: 3/1/18
NR Ind: A
Legacy NEC Code: 5707
Technical Advisor: NAVFACENG
ECM: BUPERS-32

NOTE:
1. This NEC code will be awarded for a period of three years. Rectification will be by a written test developed and administered by the Naval Construction Training Centers.
2. Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded this NEC code based on the recommendation of individual Commanding Officers of RNCF units and the approval of the Commanding Officer, Naval Reserve Personnel Command (NRPC) in lieu of completion of applicable courses.

B07A - 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. Transfers 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. Oversees 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: B07A
Primary Advisor: OPNAV N434

Billet Paygrades: E5-E7
Personnel Paygrades: E5-E7
CIN: A-730-0019
A-730-0021
ESTB Date: 3/1/18
NR Ind: A
Legacy NEC Code: 5708
Technical Advisor: NAVFACENG
ECM: BUPERS-32

NOTE:
1. Personnel assigned to billets designated with this NEC code 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 B16A or B17A 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. Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded this NEC code based on the recommendation of individual Commanding Officers of RNCF units and the approval of the Commanding Officer, Naval Reserve Personnel Command (NRPC) in lieu of completion of applicable courses.
B08A - Advanced Equipment Operator

Employs the principles and techniques of foremanship to equipment operations. Solves basic mathematics problems related to earthwork and equipment effectiveness. Applies principles of surveying as it pertains to earth work operations. Applies principles of asphalt paving and operates, adjusts and services asphalt paver, asphalt 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.

Source Rating: EO  
Billet Paygrades: E4-E6  
Personnel Paygrades: E4-E6  
Course:  
CIN: A-730-0049 (P/L)  
CDP: 09DP, 09DR  
Sequence Code: 3  
ESTB Date: REV Date: 6/25/18  
NR Ind: A  
Component NEC:  
Related NEC:  
Legacy NEC Code: 5710  
Primary Advisor: OPNAV (N95)  
Technical Advisor: NAVFACENG  
ECM: BUPERS-32

NOTES:
1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.  
   or  
   or  
   c. Completion of on-the-job training and recommendation from the Commanding Officer.

2. The following prerequisite must be completed prior to attending the formal training course or the Earthwork Operations (A-730-0047) individual segment:

3. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for award of this code from means other than completion of formal training pipeline.
4. Personnel attached to the Reserve Naval Construction Force (RCNF) are awarded this NEC code based on the recommendation of individual Commanding Officers of RCNF units and the approval of the Commanding Officer, Naval Reserve Personnel Command (NRPC) in lieu of completion of applicable courses.
5. Last reviewed during “EO TRR” completed 6/25/18.
B09A - Crane Operator
Conducts hookblock, clamshell, dragline, and pile driving crane operations. Hookblock consists of: load calculations, boom assembly/disassembly, and proper lifting techniques. Clamshell and dragline operations consist of: rigging cranes with clamshell and dragline attachments, along with proper clamshell and dragline operations. Pile driving consists of: proper rigging of the pile driving attachment to the crane and proper pile driving techniques.

Source Rating: EO, CM
Billet Paygrades: E5-E8
Course: Mandatory
CIN: A-730-0050 (P/L)
Sequence Code: 3
ESTB Date: 4/23/12
Component NEC: and
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVFAC
Billet Paygrades: E5-E8
Course: Mandatory
CIN: A-730-0050 (P/L)
Sequence Code: 3
ESTB Date: 4/23/12
Component NEC: and
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVFAC
Personnel Paygrades: E5-E8
CDP: 09DU, 09DS
NR Ind: A
Legacy NEC Code: 5711
ECM: BUPERS-32

NOTES:
1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course (A-730-0050).
      or

2. The following prerequisites must be completed prior to attending the formal training course:
   a. Complete General Crane Safety (CIN/CDPs: A-730-0035/586E, 5864) or Navy eLearning General Crane Safety (NCC-GCS-04).
      and
      and
   c. Complete Navy eLearning Rigging Gear Inspector (NCC-RGI-04).
      and
      and
   e. State and Military driver’s license required.
      and
   f. Current Physical Examination with certificate in accordance with Title 49 CFR Parts 391.41 through 391.43.

3. Last reviewed during “SEABEE TRR” completed 9/20/18.

B10A - 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
Course: Mandatory
CIN: K-062-0102
Sequence Code: 4
ESTB Date: 3/1/18
Component NEC: Related NEC:
Primary Advisor: CIVIL ENG, OPNAV N434
Technical Advisor: NAVFACENG
Personnel Paygrades: E3-E8
CDP: 315V
NR Ind: R
Legacy NEC Code: 5712
ECM: BUPERS-32
B11A - Advanced Construction Mechanic
Diagnoses and repairs engines, fuel and electrical systems, hydraulic and pneumatic systems, power trains and chassis systems, automotive air conditioning systems, as well as perform oxy-acetylene welding and gas metal arc welding in both normal field and shop conditions.

Source Rating: CM  Billet Paygrades: E4-E6  Personnel Paygrades: E4-E6
Course:  CIN: A-610-0054  CDP: 09DL, 09DK
Sequence Code: 3  ESTB Date: 10/1/1979  REV Date: 9/24/18  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code: 5805
Primary Advisor: OPNAV (N95)  Technical Advisor: NAVFACENG  ECM: BUPERS-32

NOTES:
1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   or
   or
   c. Completion of OJT and recommendation from the Commanding Officer.

2. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013 via the respective ECM for awarding of this NEC code from means other than completion of formal training pipeline.

B12A - 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: 3/1/18  NR Ind: A
Component NEC: B11A  Related NEC:  Legacy NEC Code: 5810
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 B11A to be awarded this NEC code.

B13A - 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 shop tools and equipment. These tools include electric saws, sanders, planers, routers, drills, and other millworking tools.

Source Rating: BU  Billet Paygrades: E4-E6  Personnel Paygrades: E4-E6
Course:  CIN: A-710-0057 (P/L)  CDP: 09DE, 09DD
Sequence Code: 3  ESTB Date: 9/24/18  REV Date: 9/24/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 5907
Primary Advisor: OPNAV (N95)  Technical Advisor: NAVFACENG  ECM: BUPERS-32

NOTES:
1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   or
   b. Completion of individual segments of the formal training with A-710-0054, A-710-0055, and A-710-0056, combined with on-the-job training, and recommendation from the Commanding Officer.
   or
   c. Completion of on-the-job training and recommendation from the Commanding Officer.

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. Last reviewed during “BU TRR” completed 9/24/18.
B14A - Tool and Equipment Technician

Source Rating: BU  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV N434  
Billet Paygrades: E5-E6  
Personnel Paygrades: E5-E6  
CIN: A-712-0010  
ESTB Date:  
REV Date: 3/1/18  
Legacy NEC Code: 5908  
CDP: 346E, 351P  
NR Ind: R  
ECM: BUPERS-32

B15A - Construction Planner and Estimator Specialist
Interpret construction project drawings and specifications, 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:  
Primary Advisor: OPNAV (N95)  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
CIN: A-412-0012  
ESTB Date:  
REV Date: 3/19/19  
Legacy NEC Code: 5915  
CDP: 3140, 350Z  
NR Ind: A  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 3/19/19.

B16A - 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. Trained in advanced diving physics and medicine, supervises recompression chamber operations, diagnoses and treats diving related injuries. Supervises diving and demolition operations as designated by the Commanding Officer.

Source Rating: BU, SW, CE, UT, EO, CM, EA, CU, UC, EQ  
Course: Mandatory  
Sequence Code: 2  
Component NEC: B17A  
Primary Advisor: OPNAV (N95)  
Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: A-433-0037  
ESTB Date:  
REV Date: 10/10/18  
Legacy NEC Code: 5931  
CDP: 4502  
NR Ind: R  
ECM: BUPERS-32

NOTES:  
1. 24 months duty with an Underwater Construction Team (UCT) is required.  
2. Recommendation of the Commanding Officer of a UCT is required.  
3. Must hold valid SECRET clearance.  
4. Last reviewed during “SEABEE TRR” completed 10/10/18.

B17A - 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, light salvage, component assembly and emplacement, system testing and material condition inspection. Employs the principles 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 tenders 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  
Course: Mandatory  
Sequence Code: 2  
Component NEC:  
Primary Advisor: OPNAV N434  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: A-433-0036  
ESTB Date:  
REV Date: 6/25/18  
Legacy NEC Code: 5932  
CDP: 4500  
NR Ind: A  
ECM: BUPERS-32

NOTE: Last reviewed during “EO TRR” completed 6/25/18.
B18A - Master Underwater Construction Diver

Qualified to supervise air or mixed gas dives using SCUBA and surface supplied diving equipment. Responsible to the Diving Officer for the safe conduct of diving operations. Proficient in operation of Navy approved underwater breathing equipment, support systems, and recompression chambers, as well as in the diagnosis and treatment of diving injuries and illnesses, particularly those requiring recompression therapy. Familiar with operation and emergency procedures for diving systems, mixing and analyzing gases including computation of diver gas requirements and consumption, and ice diving operations. Possesses an in depth knowledge of underwater and terrestrial construction, inspection, and demolition procedures and methods and can perform these task in a permissive or non-permissive/contingency environment. Manages preventive and corrective maintenance on diving equipment, support equipment, and underwater construction equipment. Manages and administers certification and quality assurance programs on Navy approved diving systems and equipment. Conducts training and re-qualification of divers attached to the command. Ensures divers are trained in emergency procedures. Recommends qualifications of diving supervisors. Possesses a comprehensive knowledge of the scope and application of all naval instructions and publications pertaining to diving. Ensures that proper logs and reports are maintained and submitted as required.

Source Rating: BU, CE, CM, CU, EA, EO, EQ, SW, UC, UT
Course: Mandatory
Sequence Code: 4
Component NEC: B16A
 Primary Advisor: OPNAV N434
Billet Paygrades: E7-E9
Personnel Paygrades: E7-E9
CIN: A-433-0019
ESTB Date: REV Date: 3/1/18
NR Ind: N
Legacy NEC Code: 5933
Related NEC: MMDV
Technical Advisor: NAVFACENG
CDP: 2040
Related NEC:  MMDV
Technical Advisor: NAVFACENG
CDP: 2040
Related NEC:  MMDV
Technical Advisor: NAVFACENG
CDP: 2040

B19A - B22A

Personnel attached to the Reserve Naval Mobile Construction Battalion (RNMCB) are awarded NEC codes B20A and B22A 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.

B19A - 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
Course: Mandatory
Sequence Code: 4
Component NEC:
 Primary Advisor: OPNAV N434
Billet Paygrades: E5-E9
Personnel Paygrades: E5-E9
CIN: A-710-0001
ESTB Date: REV Date: 3/1/18
Related NEC:
Technical Advisor: NAVFACENG
CDP: 05BV
Related NEC:
Technical Advisor: NAVFACENG
CDP: 05BV
Related NEC:
Technical Advisor: NAVFACENG
CDP: 05BV
Related NEC:
Technical Advisor: NAVFACENG
NR Ind: N
Legacy NEC Code: 6001
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Legacy NEC Code: 6001
ECM: BUPERS-32
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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.
B20A - 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. Maintains, adjusts and sets up welding equipment, welds ferrous and nonferrous metals, wrinkle bends pipe, lays out, and prepares plate and pipe joints to be welded in all positions. GMA/GTA welds nonferrous metals in the flat position. Knows the nomenclature of pre-engineered structures (i.e. bolted steel tanks, pre-engineered buildings, and steel towers). 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
Course: Billet Paygrades: E4-E6
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N95)

NOTES:
1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   or
   b. Completion of individual segments of the formal training with A-711-0026A, Sheet Metal Work, A-711-0027A, Steel Reinforcing, combined with on-the-job training, and recommendation from the Commanding Officer.
   or
   c. Completion of on-the-job training and recommendation from the Commanding Officer.

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. Last reviewed during “SW TRR” completed 9/24/18.

B21A - 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: B20A
Primary Advisor: CSFE (N7)

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

B22A - 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: B24A
Primary Advisor: OPNAV N434

B23A - B24A
Personnel attached to the Reserve Naval Mobile Construction Battalion (RINMCB) are awarded this NEC code 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.
B23A - Shore Based Refrigeration and Air Conditioning Technician
Installs, operates, and performs organizational and/or intermediate level maintenance on refrigeration, air conditioning, water cooling equipment, cube and flake ice machines, and block ice manufacturing plants. Performs refrigerant recovery and recycling in accordance with section 608 of the Clean Air Act, as amended. Type I and II certification, in accordance with EPA mandate, is required.

Source Rating: UT  
Billet Paygrades: E5-E6  
Personnel Paygrades: E5-E6  
Course: Mandatory  
CIN: A-720-0035 (P/L)  
CDP: 593U  
Sequence Code: 4  
ESTB Date: REV Date: 3/1/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 6104  
Primary Advisor: OPNAV N434  
Technical Advisor: NAVFACENG  
ECM: BUPERS-32

B24A - 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-720-0041 (P/L)  
CDP: 09DX, 09DY  
Sequence Code: 3  
ESTB Date: REV Date: 6/25/18  
NR Ind: A  
Component NEC:  
Related NEC:  
Legacy NEC Code: 6105  
Primary Advisor: OPNAV (N95)  
Technical Advisor: NAVFACENG  
ECM: BUPERS-32

NOTES:
1. NEC code may be earned by completion of one of the following means:
   a. Completion of the formal training course.
   or
   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. Last reviewed during “UT TRR” completed 6/25/18.

B25A - Construction Basic Veteran
An NEC code assigned to members temporarily gained as a CB-VET for Naval Reserve only.

Source Rating: CM, EO, BU, EA, CE, SW, UT  
Billet Paygrades: E3- E6  
Personnel Paygrades: E3-6  
Course:  
CIN:  
CDP:  
Sequence Code: 1  
ESTB Date: REV Date: 3/1/18  
NR Ind: N  
Component NEC:  
Related NEC:  
Legacy NEC Code: 9920  
Primary Advisor: OPNAV (N4)  
Technical Advisor: COMNAVRESFOR  
ECM: BUPERS-32

CXXX - INFORMATION WARFARE (CRYPTOLOGY) COMMUNITY & CAREER FIELD

CADX - Modern Standard Arabic Intermediate Language
Listens to audio and reads Modern Standard Arabic written materials at the intermediate level (Interagency Language Roundtable level of 2+) in support of Fleet and National missions.

Source Rating: CTI  
Billet Paygrades: E5-E6  
Personnel Paygrades: E4-E9  
Course: Mandatory  
CIN: A-232-5005  
CDP: 14WV  
Sequence Code: 4  
ESTB Date: 8/9/18 REV Date:  
NR Ind: A  
Component NEC: 9ARB  
Related NEC:  
Legacy NEC Code:  
Primary Advisor: NAVIFOR (N13)  
Technical Advisor: NAVIFOR (N71)  
ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.
Cady - Modern Standard Arabic Advanced Language
Listens to modern Standard Arabic audio and reads Modern Standard Arabic written materials at the Advanced Level (Interagency Language Roundtable (ILR) level of 3) in support of Fleet and National missions.

Source Rating: CTI
Course: Mandatory
Sequence Code: 4
Component NEC: CADX
Primary Advisor: NAVIFOR (N13)

Billet Paygrades: E6-E8
CIN: A-232-5077
ESTB Date: 4/15/19
Related NEC:
Technical Advisor: NAVIFOR (N71)

Personnel Paygrades: E4-E9
CDP: 14X8
NR Ind: A
Legacy NEC Code:
ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

Ccmx - Chinese Mandarin Intermediate Language
Listens to and reads Chinese Mandarin written materials at the intermediate level (Interagency Language Roundtable level of 2+) in support of Fleet and National missions.

Source Rating: CTI
Course: Mandatory
Sequence Code: 4
Component NEC: 9CMN
Primary Advisor: NAVIFOR (N13)

Billet Paygrades: E5-E6
CIN: A-232-501
ESTB Date: 8/9/18
Related NEC:
Technical Advisor: NAVIFOR (N71)

Personnel Paygrades: E4-E9
CDP: 14ZE
NR Ind: A
Legacy NEC Code:
ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

Ccmx - Chinese Mandarin Advanced Language
Listens to Chinese Mandarin audio and reads Chinese Mandarin written materials at the Advanced Level (Interagency Language Roundtable (ILR) level of 3) in support of Fleet and National missions.

Source Rating: CTI
Course: Mandatory
Sequence Code: 4
Component NEC: CCMX
Primary Advisor: NAVIFOR (N13)

Billet Paygrades: E6-E8
CIN: A-232-5038
ESTB Date: 4/15/19
Related NEC:
Technical Advisor: NAVIFOR (N71)

Personnel Paygrades: E4-E9
CDP: 14Z9
NR Ind: A
Legacy NEC Code:
ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

Chex - Hebrew Intermediate Language
Listens to audio and reads Hebrew written materials at the intermediate level (Interagency Language Roundtable level of 2+) in support of Fleet and National missions.

Source Rating: CTI
Course: Mandatory
Sequence Code: 4
Component NEC: 9HEB
Primary Advisor: NAVIFOR (N13)

Billet Paygrades: E5-E6
CIN: A-232-501
ESTB Date: 8/9/18
Related NEC:
Technical Advisor: NAVIFOR (N71)

Personnel Paygrades: E4-E9
CDP: 14X6
NR Ind: A
Legacy NEC Code:
ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

Chey - Hebrew Advanced Language
Listens to Hebrew audio and reads Hebrew written materials at the Advanced Level (Interagency Language Roundtable (ILR) level of 3) in support of Fleet and National missions.

Source Rating: CTI
Course: Mandatory
Sequence Code: 4
Component NEC: CHEX
Primary Advisor: NAVIFOR (N13)

Billet Paygrades: E6-E8
CIN: A-232-0007
ESTB Date: 4/15/19
Related NEC:
Technical Advisor: NAVIFOR (N71)

Personnel Paygrades: E4-E9
CDP: 14WZ
NR Ind: A
Legacy NEC Code:
ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.
CKPX - Korean Intermediate Language
Listens to audio and reads Korean written materials at the intermediate level (Interagency Language Roundtable level of 2+) in support of Fleet and National missions.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades: E5-E6</th>
<th>Personnel Paygrades: E4-E9</th>
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</thead>
<tbody>
<tr>
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<td>Related NEC:</td>
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<td>Primary Advisor: NAVIFOR (N13)</td>
<td>Technical Advisor: NAVIFOR (N71)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

CKPY - Korean Advanced Language
Listens to Korean audio and reads Korean written materials at the Advanced Level (Interagency Language Roundtable (ILR) level of 3) in support of Fleet and National missions.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades: E6-E8</th>
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<tr>
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<tr>
<td>Primary Advisor: NAVIFOR (N13)</td>
<td>Technical Advisor: NAVIFOR (N71)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

CPFX - Persian Farsi Intermediate Language
Listens to audio and reads Persian Farsi written materials at the intermediate level (Interagency Language Roundtable level of 2+) in support of Fleet and National missions.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades: E5-E6</th>
<th>Personnel Paygrades: E4-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-232-5081</td>
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<td>NR Ind: A</td>
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<tr>
<td>Component NEC: 9PES</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
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<tr>
<td>Primary Advisor: NAVIFOR (N13)</td>
<td>Technical Advisor: NAVIFOR (71)</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

CPFY - Persian Farsi Advanced Language
Listens to Persian Farsi audio and reads Persian Farsi written materials at the Advanced Level (Interagency Language Roundtable (ILR) level of 3) in support of Fleet and National missions.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades: E6-E8</th>
<th>Personnel Paygrades: E4-E9</th>
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<td>Course: Mandatory</td>
<td>CIN: A-232-5093</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: 4/15/19</td>
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<tr>
<td>Component NEC: CPFX</td>
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<tr>
<td>Primary Advisor: NAVIFOR (N13)</td>
<td>Technical Advisor: NAVIFOR (N71)</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

CQBX - Spanish Intermediate Language
Listens to audio and reads Spanish written materials at the intermediate level (Interagency Language Roundtable level of 2+) in support of Fleet and National missions.

<table>
<thead>
<tr>
<th>Source Rating: CTI</th>
<th>Billet Paygrades: E5-E6</th>
<th>Personnel Paygrades: E4-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-232-5003</td>
<td>CDP: 14ZS</td>
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<td>ESTB Date: 8/9/18</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC: 9SPA</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
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<tr>
<td>Primary Advisor: NAVIFOR (N13)</td>
<td>Technical Advisor: NAVIFOR (71)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.
COBY - Spanish Advanced Language
Listens to Spanish audio and reads Spanish written materials at the Advanced Level (Interagency Language Roundtable (ILR) level of 3) in support of Fleet and National missions.

Source Rating: CTI  
Course: Mandatory  
Sequence Code: 4  
Component NEC: CQBX  
Primary Advisor: NAVIFOR (N13)

Billet Paygrades: E6-E8  
Personnel Paygrades: E4-E9  
CIN: A-232-5073  
ESTB Date: 4/15/19  
REV Date: CDP: 14ZR

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

CRUX - Russian Intermediate Language
Listens to audio and reads Russian written materials at the intermediate level (Interagency Language Roundtable level of 2+) in support of Fleet and National missions.

Source Rating: CTI  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 9RUS  
Primary Advisor: NAVIFOR (N13)

Billet Paygrades: E5-E6  
Personnel Paygrades: E4-E9  
CIN: A-232-5037  
ESTB Date: 8/9/18  
REV Date: CDP: 14ZL

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

CRUY - Russian Advanced Language
Listens to Russian audio and reads Russian written materials at the Advanced Level (Interagency Language Roundtable (ILR) level of 3) in support of Fleet and National missions. Provides indications and warning to supported Commanders.

Source Rating: CTI  
Course: Mandatory  
Sequence Code: 4  
Component NEC: CRUX  
Primary Advisor: NAVIFOR (N13)

Billet Paygrades: E6-E8  
Personnel Paygrades: E4-E9  
CIN: A-232-5035  
ESTB Date: 4/15/19  
REV Date: CDP: 14ZN

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

C00A - AN/SLQ-32A/B (V) 2 Technician
Performs preventive and corrective maintenance on AN/SLQ-32A/B (V) 2 Electronic Warfare Support System.

Source Rating: CTT  
Course: Mandatory  
Sequence Code: 4  
Component NEC: C01A  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: A-102-1980  
ESTB Date: 3/1/18  
REV Date: CDP: 04RJ

C01A - AN/SLQ-32(V) Electronic Warfare Operations Technician.
Operates the AN/SLQ-32(V) Electronic Warfare system and ancillary systems applying complex intercept techniques and prescribed analysis and reporting procedures.

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

Billet Paygrades: E3-E7  
Personnel Paygrades: E1-E7  
CIN: A-102-0248  
ESTB Date: 7/31/13  
REV Date: CDP: 747V

NOTE: Top Secret/Sensitive Compartmented Information security clearance required.
### C02A - Electronic Warfare Systems Technician (AN/SLQ-32(V)3) and (AN/SLQ-32(V)4)
Perform preventive and corrective maintenance on AN/SLQ-32A(V)3, AN/SLQ-32A(V)4 and AN/SLQ-32(V)4 Electronic Warfare and Electronic Warfare Deceptive Electronic Countermeasure (DECM) Systems.

<table>
<thead>
<tr>
<th>Source Rating: CTT</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-102-0216</td>
<td>CDP: 016F</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 10/9/19</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: C00A</td>
<td>Related NEC: C04A</td>
<td>Legacy NEC Code: 1734</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVIFOR (N13)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### C03A - Electronic Warfare Systems Maintenance Technician (AN/SLQ-32(V)4) - NEC Code Disestablished (Recode all Billets & Personnel to C02A)
Maintains AN/SLQ-32(V)6 Electronic Warfare systems and ancillary systems applying complex intercept techniques, prescribed analysis and reporting procedures.

<table>
<thead>
<tr>
<th>Source Rating: CTT</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-230-1313</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 7/7/16</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: C01A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1739</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVIFOR (N13)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### C05A - Electronic Warfare Technician (Advanced Application)
Serves as the principle subject matter expert for tactical employment and management of electronic warfare equipment, both active and passive. Serves as staff advisor in the employment of Electronic Warfare involving surface, subsurface, air and satellite forces. Provides resident expertise for the collection of Electronic Intelligence data related to enemy use of any portion of the electromagnetic spectrums.

<table>
<thead>
<tr>
<th>Source Rating: CTT</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E6-E9</th>
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<td>REV Date: 3/1/18</td>
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<tr>
<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVIFOR (N7/N1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### C06A - 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.

<table>
<thead>
<tr>
<th>Source Rating: CTI, CTR, CTT</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<td>Course: Mandatory</td>
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<td>C-050-3023 (P/L)</td>
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<td>C-050-3010</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: 802A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 8296</td>
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<tr>
<td>Primary Advisor: OPNAV (N2/N6)/N98</td>
<td>Technical Advisor: NAVAIR, NAVIFOR (N13)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### C07A - 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, 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.

<table>
<thead>
<tr>
<th>Source Rating: CTT</th>
<th>Billet Paygrades: E1-E8</th>
<th>Personnel Paygrades: E1-E8</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
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<tr>
<td>Sequence Code: 4</td>
<td>REV Date: 3/1/18</td>
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<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2N6)</td>
<td>Technical Advisor: NAVIFOR (N7/N1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
C08A - C2 Tactical Analysis Technician
Performs analysis of Communications and Electronic Signals in support of Information Warfare/Command and Control Warfare (IW/C2W) in order to gain and maintain information superiority.

Source Rating: CTR  Billet Paygrades: E5-E8  Personnel Paygrades: E5-E8
Course: Mandatory  CIN: A-231-0096  CDP: 713Y
Sequence Code: 3  ESTB Date: 3/1/18  REV Date: 3/1/18  NR Ind: A
Component NEC: C16A  Related NEC:  Legacy NEC Code: 9105
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVIFOR (N13)  ECM: BUPERS-32

NOTE: Requires TS clearance based on SSBI with SCI access.

C09A - Advanced Operational Electronic Intelligence (OPELINT) Non-Communications Collection and Analysis Technician
Performs advanced measurements on non-communications signals using various tactical data processing equipment to provide operationally relevant information such as the location, movement, employment, tactics, and activity of foreign non-communications emitters and their associated weapon systems. Determines and manages required non-communications collection procedures and priorities.

Source Rating: CTT  Billet Paygrades: E5-E8  Personnel Paygrades: E5-E8
Course:  CIN:  Sequence Code: 3  ESTB Date: 10/13/10  REV Date: 3/1/18  NR Ind: N
Component NEC: C07A  Related NEC:  Legacy NEC Code: 9106
Primary Advisor: OPNAV (N2N6)  Technical Advisor: NAVIFOR (N7/N1)  ECM: BUPERS-326

NOTES:
1. Must possess a Top Secret/Sensitive Compartmented Information security clearance.
2. NEC code will be awarded to graduates of the 3-year Military OPELINT Signals Analyst Program. Satisfaction of the requirements are stated and verified as part of the application package.
3. Individuals must have completed at least one tour as an Intermediate non-communication OPELINT analyst and have completed/recompleted EA-183 Math for Signals Intelligence within 1-year prior to assignment to the course.

C11A - 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.

Course: Mandatory  CIN: K-231-1850  CDP: 06SV
Sequence Code: 4  ESTB Date: 3/4/15  REV Date: 3/1/18  NR Ind: N
Component NEC:  Related NEC:  Legacy NEC Code: 9114
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVIFOR (N13)  ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

C12A - Assistant Cryptologic Resource Coordinator (ACRC)
Conducts afloat strike group cryptologic operations utilizing organic, national and joint cryptologic resources in support of the Optimized Fleet Response Plan (OFRP) and Fleet Readiness.

Source Rating: CTR  Billet Paygrades: E7-E8  Personnel Paygrades: E7-E8
Course: Mandatory  CIN: A-3B-0011  CDP: 04Y2
Sequence Code: 3  ESTB Date: 2/20/16  REV Date: 3/1/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 9117
Primary Advisor: OPNAV (N2/N6)  Technical Advisor: NAVIFOR (N13)  ECM: BUPERS-32

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. Previous ACRC experience required for personnel assigned to shore fleet Information Operations Center NEC code C12A billets in Georgia, Hawaii, Texas, and Maryland.
3. Prior afloat sea tour required to serve as a Numbered Fleet Staff ACRC.
C13A - Afloat Cryptologic Manager
Supervises SSEE Suite personnel and equipment.

<table>
<thead>
<tr>
<th>Source Rating: CTR</th>
<th>Billet Paygrades: E7-E8</th>
<th>Personnel Paygrades: E7-E8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

NOTE: Top Secret (TS)/Sensitive Compartmented Information (SCI) security clearance required.

C14A - Subsurface Augmentee Operator
Operates subsurface systems, applying complex intercept techniques and prescribed recording and reporting procedures.

<table>
<thead>
<tr>
<th>Source Rating: CTR, CTI</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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</thead>
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<td>Sequence Code: 4</td>
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<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVIFOR (N7/N1)</td>
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</tbody>
</table>

NOTE: NEC code is earned through local PQS/JQR programs and IAW COMNAVCYBERFORINST 1221.1 dated 9 Aug 2010.

C15A - 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.

<table>
<thead>
<tr>
<th>Source Rating: CTT</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<tbody>
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<td>Related NEC:</td>
<td>Legacy NEC Code: 9135</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVIFOR (N7/N1)</td>
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</table>

NOTE: Course requirement is waiverable. NEC code can be earned through local PQS/JQR programs and IAW COMNAVCYBERFORINST 1221.1 dated 9 Aug 2010.

C16A - Journeyman Analysis and Reporting Specialist
Conducts digital, traffic, and metadata analysis; Drafts/disseminates products and intelligence reports in support of fleet and national objectives.

<table>
<thead>
<tr>
<th>Source Rating: CTR</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E1-E8</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN:</td>
<td>CDP: 3859</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date:</td>
<td>REV Date: 3/1/18</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 9138</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVIFOR (N7/N1)</td>
</tr>
</tbody>
</table>

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

C17A - Intermediate Technical ELINT (TECHELINT) Analysis Technician
Performs measurements on noncommunications signals using analog equipment and determines required noncommunications collection and analysis procedures and priorities.

<table>
<thead>
<tr>
<th>Source Rating: CTT</th>
<th>Billet Paygrades: E5-E9</th>
<th>Personnel Paygrades: E5-E9</th>
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</thead>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-231-0016</td>
<td>CDP: 07K6, 916P, 644U</td>
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<td>Sequence Code: 3</td>
<td>ESTB Date:</td>
<td>REV Date: 3/1/18</td>
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<td>Primary Advisor:</td>
<td>OPNAV (N2N6)</td>
<td>Technical Advisor: NAVIFOR (N7/N1)</td>
</tr>
</tbody>
</table>

NOTE: Personnel must complete EA-279 and EA-280 to earn this NEC code.
**C18A - Intermediate Signals Analyst**
Performs acquisition, analysis and reporting of state-of-the-art communications signals at the intermediate level to include modulation, multiplexing, and coding theory, as each applies to current digital and high data rate communications systems. Incorporates extensive application of signal processing, target identification and technical reporting in order to acquire, display, analyze, demodulate, demultiplex, identify, record and report non-Morse signals and their users.

**Source Rating:** CTR  
**Billet Paygrades:** E4-E7  
**Personnel Paygrades:** E1-E7  
**Course:** Mandatory  
**CIN:** A-232-0451  
**ESTB Date:**  
**REV Date:**  
**NR Ind:** N  
**Related NEC:**  
**Technical Advisor:** OPNAV (N2N6)  
**Component NEC:** Panthers  
**Primary Advisor:** NAVFOR (N13)  
**CDP:** 028Y  
**Legacy NEC Code:** 9147

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

**C19A - 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  
**ESTB Date:**  
**REV Date:**  
**NR Ind:** N  
**Related NEC:**  
**Technical Advisor:** OPNAV (N2N6)  
**Component NEC:** Panthers  
**Primary Advisor:** NAVFOR (N7/N1)  
**CDP:** 4375  
**Legacy NEC Code:** 9149

**NOTES:**
1. Must have completed a tour in non-Morse operations, and completed one shore tour in Signal Search and Development. The Signal Search and Development tour must be completed immediately prior to attending A-232-0452 course.
2. Last reviewed during “NAVMAC Periodicity Review” completed 8/14/19.

**C20A - 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  
**ESTB Date:**  
**REV Date:**  
**NR Ind:** N  
**Related NEC:**  
**Technical Advisor:** OPNAV (N2N6)  
**Component NEC:** Panthers  
**Primary Advisor:** NAVFOR (N13)  
**CDP:** 04C3, 04C4, 9385  
**Legacy NEC Code:** 9150

**NOTES:**
1. Top Secret (TS)/Sensitive Compartmented Information (SCI) security clearance required.
2. Component NEC C11A is only required for E5 and below Sailors with no prior sea duty as CTR.

**C21A - 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  
**Billet Paygrades:** E3-E7  
**Personnel Paygrades:** E1-E7  
**Course:** Mandatory  
**CIN:** A-231-5905  
**ESTB Date:**  
**REV Date:**  
**NR Ind:** N  
**Related NEC:**  
**Technical Advisor:** OPNAV (N2N6)  
**Component NEC:** Panthers  
**Primary Advisor:** NAVFOR (N13)  
**CDP:** 11GB, 11GD, 11GE  
**Legacy NEC Code:** 9161

**NOTES:**
1. Top Secret (TS)/Sensitive Compartmented Information (SCI) security clearance required.
2. Component NEC C11A is only required for E5 and below Sailors with no prior sea duty as a CTR.
C22A - 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:  
Sequence Code: 3  
Component NEC: C17A  
Primary Advisor: OPNAV (N2N6)  

Billet Paygrades: E6-E8  
Personnel Paygrades: E6-E8  
CIN:  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVIFOR (N7/N1)  
ECM: BUPERS-32

NOTE: Individuals must have completed at least one year tour as an Intermediate non-communication signals analyst, and have completed/recompleted EA-183 Math for SIGINT within one year prior to assignment to the course. NEC will be awarded to graduates of the three-year Military ELINT Signals Analyst Program (MESAP).

C23A - 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:  
Primary Advisor: OPNAV (N2/N6)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E1-E6  
CIN: A-231-0044  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVIFOR (N13)  
ECM: BUPERS-32

C24A - 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: C14A  
Primary Advisor: COMTENTHFLT (N13)  

Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
CIN: A-102-5888  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVIFOR (N3)  
ECM: BUPERS-32

NOTE: Must process a Top Secret/Sensitive Compartment Information security clearance.

C25A - 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:  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)  

Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E8  
CIN:  
ESTB Date: REV Date: 3/1/18  
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.

C26A - AN/SSQ-137 Ship’s Signal Exploitation Equipment- SSEE Maintenance Technician
Perform mobile cryptologic maintenance duties. Maintains, configure, test, certify, troubleshoot, repair or replace electrical and electronic equipment, antennas, interface networks, and ancillary equipment; implement Information Assurance policy in 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2N6)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E1-E7  
CIN: A-102-5888  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVIFOR (N7/N1)  
ECM: BUPERS-32

C23A - 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:  
Primary Advisor: OPNAV (N2/N6)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E1-E6  
CIN: A-231-0044  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVIFOR (N13)  
ECM: BUPERS-32

C24A - 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: C14A  
Primary Advisor: COMTENTHFLT (N13)  

Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
CIN: A-102-5888  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVIFOR (N3)  
ECM: BUPERS-32

C25A - 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:  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)  

Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E8  
CIN:  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVCYBERFOR (N7/N1)  
ECM: BUPERS-32

C26A - AN/SSQ-137 Ship’s Signal Exploitation Equipment- SSEE Maintenance Technician
Perform mobile cryptologic maintenance duties. Maintains, configure, test, certify, troubleshoot, repair or replace electrical and electronic equipment, antennas, interface networks, and ancillary equipment; implement Information Assurance policy in 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2N6)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E1-E7  
CIN: A-102-5888  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVIFOR (N7/N1)  
ECM: BUPERS-32
C27A - 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
Course: Mandatory
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: A-102-5599 (SNOOP)
A-102-0116 (ISCRS)
CDP: 967P
01NN, 02FM
Sequence Code: 4
ESTB Date: REV Date: 3/1/18
NR Ind: N
Component NEC: Related NEC:
Primary Advisor: OPNAV (N2/N6)
Technical Advisor: NAVCYBERFOR (N7/N1)
ESTB Date: REV Date: 3/1/18
Legacy NEC Code: 9229
ECM: BUPERS-32

C28A - 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
Course: Mandatory
Billet Paygrades: E3-E7
Personnel Paygrades: E1-E7
CIN: A-102-5900
CDP: 11CS
Sequence Code: 4
ESTB Date: 9/27/13 REV Date: 3/1/18
NR Ind: N
Component NEC: Related NEC:
Primary Advisor: OPNAV (N2/N6)
Technical Advisor: NAVIFOR (N13)
ESTB Date: REV Date: 3/1/18
Legacy NEC Code: 9298
ECM: BUPERS-32

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

C29A - 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; apprising 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: Mandatory
Billet Paygrades: E6-E8
Personnel Paygrades: E5-E8
CIN: A-232-0042
CDP: 6123
A-232-0066
1858
A-232-0041
6122
Sequence Code: 6
ESTB Date: 4/19/11 REV Date: 9/24/18
NR Ind: R
Component NEC: Related NEC:
Primary Advisor: NAVCYBERFOR (N7/N1)
Technical Advisor: BUPERS-327
ESTB Date: REV Date: 9/24/18
Legacy NEC Code: 9317
ECM: BUPERS-327

NOTES:
1. Successful completion of the Cryptologic Language Training Manager (CTLM) -7100 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.
4. Last reviewed during “CTI TRR” completed 9/24/18.

C30A - Middle East and North Africa Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B511.

Source Rating: CTI
Course: Mandatory
Billet Paygrades: E6-E8
Personnel Paygrades: E1-E8
CIN: A-232-0042
CDP: 6123
A-232-0066
1858
A-232-0041
6122
Sequence Code: 1
ESTB Date: 3/17/11 REV Date: 10/23/19
NR Ind: R
Component NEC: Related NEC:
Primary Advisor: NAVIFOR
Technical Advisor: BUPERS-327
ESTB Date: REV Date: 10/23/19
Legacy NEC Code: 9320
ECM: BUPERS-327

NOTES:
1. Individual must successfully complete the appropriately aligned language course for this NEC code.
2. Individual must meet minimum Naval Information Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.
4. Last reviewed during “CTI TRR” completed 10/23/19.
C31A - East and Far East Asia Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B512.

Source Rating: CTI
Course: Mandatory
Sequence Code: 1
Component NEC: A-232-0022
Primary Advisor: NAVIFOR

Billet Paygrades: CIN: A-232-0022
Personnel Paygrades: E1-E8
CDP: 6322
ESTB Date: 3/17/11 REV Date: 10/23/19
NR Ind: R
Legacy NEC Code: 9321
ECM: BUPERS-327

NOTES:
1. Individual must successfully complete the appropriately aligned language course for this NEC code.
2. Individual must meet minimum Naval Information Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.
4. Last reviewed during “CTI TRR” completed 10/23/19.

C32A - Latin and South America Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B515.

Source Rating: CTI
Course: Mandatory
Sequence Code: 1
Component NEC: A-232-0028
Primary Advisor: NAVIFOR

Billet Paygrades: CIN: A-232-0028
Personnel Paygrades: E1-E8
CDP: 6328
ESTB Date: 3/17/11 REV Date: 10/23/19
NR Ind: R
Legacy NEC Code: 9322
ECM: BUPERS-327

NOTES:
1. Individual must successfully complete the appropriately aligned language course for this NEC code.
2. Individual must meet minimum Naval Information Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.
4. Last reviewed during “CTI TRR” completed 10/23/19.

C33A - Eastern Europe Cryptologic Linguist
Used to identify individuals associated with Enlisted Management Code (EMC) B516.

Source Rating: CTI
Course: Mandatory
Sequence Code: 1
Component NEC: A-232-0021
Primary Advisor: NAVIFOR

Billet Paygrades: CIN: A-232-0021
Personnel Paygrades: E1-E8
CDP: 6321
ESTB Date: 3/17/11 REV Date: 10/23/19
NR Ind: R
Legacy NEC Code: 9323
ECM: BUPERS-327

NOTES:
1. Individual must successfully complete the appropriately aligned language course for this NEC code.
2. Individual must meet minimum Naval Information Forces Language Readiness Standards.
3. Individual must possess a current and valid TS/SCI clearance.
4. Last reviewed during “CTI TRR” completed 10/23/19.

C34A - Cryptologic Subsurface Augmentee Electronics Intelligence (ELINT) Supervisor
Supervises subsurface crypto ELINT teams and applies analysis to both organic and non-organic sources to provide indications and warnings to supported commanders. Manages all cryptologic ELINT systems and resources.

Source Rating: CTT
Course: OJT, JQR
Sequence Code: 4
Component NEC: C15A
Primary Advisor: COMTENTHFLT

Billet Paygrades: CIN: E6-E7
Personnel Paygrades: E5-E7
CDP: 50005-B
ESTB Date: 5/28/19 REV Date: N
Legacy NEC Code:
ECM: BUPERS-32

NOTES:
1. NEC code is earned through OJT and local JQR program IAW COMNAVIFORINST 1221.1 Series. Member must complete NAVEDTRA 50005-B, Section 309.
D06A - Armament Weapons Support Equipment (AWSE) Maintenance Manager
Supervises Organizational and Intermediate level maintenance on AWSE, including pre/post operations, scheduled maintenance for fault isolation, and removal/replacement of components.

Source Rating: AO  Billet Paygrades: E5-E7  Personnel Paygrades: E3-E7  
Course: Mandatory  CIN: C-646-3108  CDP: 0369, 036K  
Sequence Code: 3  ESTB Date:  REV Date: 3/1/18  NR Ind: R  
Component NEC: Related NEC:  Legacy NEC Code: 6810  
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

D07A - Armament Weapons Support Equipment (AWSE) Technician
Performs Organizational and Intermediate level maintenance on AWSE, including pre/post operations, scheduled maintenance for fault isolation, and removal/replacement of components.

Source Rating: AO  Billet Paygrades: E3-E5  Personnel Paygrades: E3-E5  
Course: Mandatory  CIN: C-646-3109  CDP: 5095, 5096  
Sequence Code: 4  ESTB Date:  REV Date: 3/1/18  NR Ind: A  
Component NEC: Related NEC:  Legacy NEC Code: 6811  
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

D08A - Airborne Weapons Technical Manager
Assists the Division Officer on aviation ships and shore activities in the technical management of airborne weapons, including the associated maintenance, logistics, operational support, and inherent explosive safety. Provides liaison between the Division Officers and the Work Center Supervisors. Performs managerial functions in the areas of operational tasking, aircraft armament equipment status, aviation weapons support equipment status, airborne weapons status, ammunition administration and accountability, ammunition handling and stowage coordination and status, and explosive safety program coordination and status. Coordinates, prioritizes, and monitors all assigned division maintenance and operational commitments. Assigns required priorities of effort and monitors overall levels of support.

Source Rating: AO  Billet Paygrades: E6-E9  Personnel Paygrades: E6-E9  
Course: Mandatory  CIN: C-4E-0010  CDP: 992Y  
Sequence Code: 2  ESTB Date:  REV Date: 7/1/18  NR Ind: R  
Component NEC: Related NEC:  Legacy NEC Code: 6813  
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

D09A - Electromagnetic Aircraft Launching System (EMALS) Operator/Maintainer
Performs pre/post operational system checks, system operations and maintenance on EMALS.

Source Rating: ABE  Billet Paygrades: E4-E8  Personnel Paygrades: E4-E8  
Course: Mandatory  CIN: C-604-2033  CDP: 18MP  
Sequence Code: 4  ESTB Date: 12/4/17  REV Date:  NR Ind: R  
Component NEC: Related NEC:  Legacy NEC Code: 7009  
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR (PMA 251)  ECM: BUPERS-32

NOTE: NEC code awarded after completion of Cadre (factory) training conducted by General Atomics in Lakehurst, New Jersey, pending implementation of formal training.

D10A - MK-7 Arresting Gear Operator
Operates MK-7 arresting gear and associated systems. Performs system checks prior to operation. Makes adjustments to mechanical, hydraulic, and control systems to ensure proper performance. During operations, monitors and identifies conditions which may lead to an emergency and/or casualty. Initiates corrective or emergency procedures.

Source Rating: AB, ABE  Billet Paygrades: E5-E9  Personnel Paygrades: E4-E9  
Course: Mandatory  CIN: C-604-2029  CDP: 224K  
Sequence Code: 5  ESTB Date:  REV Date: 1/10/20  NR Ind: A  
Component NEC: Related NEC:  Legacy NEC Code: 7005  
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
D11A - Aircraft Launch and Recovery Equipment Maintenance Technician
Performs maintenance, both upkeep and corrective, on C-13 MOD 1 and MOD 2 catapults and MK-7 MOD 3 arresting gear and associated equipment. Analyzes problems, removes, replaces, adjusts, and tests components of the C-13 MOD 1 and MOD 2 catapults, MK-7 MOD 3 and MOD 4 arresting gear and associated equipment.

Source Rating: ABE  
Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E8  
Course: Mandatory  
CIN: C-604-2028  
CDP: 1333  
Sequence Code: 5  
ESTB Date:  
REV Date: 1/10/20  
NR Ind: R  
Component NEC: D16A or D10A  
Related NEC:  
Legacy NEC Code: 7006  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

D12A - Shipboard Aircraft Rescue, Firefighting and Salvage Specialists
Performs duties as a rescue, firefighting, and salvage team leader aboard Naval aviation and aviation capable ships. Directs rescue, firefighting and salvage operations on the flight deck and hangar deck. Coordinates firefighting and salvage efforts with damage control. Sets up and directs rescue, firefighting and salvage training for assigned personnel. Performs or supervises pre-operational inspections and operations of rescue, firefighting and salvage equipment and systems afloat.

Source Rating: ABH  
Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E8  
Course: Mandatory  
CIN: C-780-2013  
CDP: 709C  
Sequence Code: 5  
ESTB Date:  
REV Date: 1/10/20  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 7011  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

D14A - Aviation Fuels Maintenance Technician
Performs organization level maintenance on automotive gasoline systems, aviation fuels systems afloat and ashore, and catapult lube oil distribution and stowage systems. Operates electric pumps, electric valve, tank level indicating and control systems, centrifugal purifiers and manifolds for fuel, oil, CO2, and inert gas systems. Repairs and adjusts valves, pumps, filters, and meters. Ventilates and cleans stowage and service tanks.

Source Rating: ABF  
Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E8  
Course: Mandatory  
CIN: C-821-2014  
CDP: 4788  
Sequence Code: 5  
ESTB Date:  
REV Date: 1/10/20  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 7022  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

D15A - Advanced Arresting Gear (AAG) System Operator and Maintainer
Performs pre/post operational system checks, system operations and maintenance on AAG.

Source Rating: ABE  
Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E8  
Course: Mandatory  
CIN: C-604-2021  
CDP: 19DZ  
Sequence Code: 4  
ESTB Date: 5/2/18  
REV Date:  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 7008  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR (PMA 251)  
ECM: BUPERS-32

NOTE: NEC code awarded after completion of Cadre (factory) training conducted by General Atomics in Lakehurst, New Jersey, pending implementation of formal training.

D16A - C-13 Catapult Operator
Operates C-13 MOD 1 and MOD 2 catapults and associated systems. Performs systems check prior to operations. Makes adjustments to mechanical, hydraulic, and control systems to ensure proper performance. During operations, monitors and identifies conditions which may lead to an emergency and/or casualty. Initiates corrective or emergency procedures.

Source Rating: ABE  
Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E8  
Course: Mandatory  
CIN: C-604-2014  
CDP: 179X  
Sequence Code: 5  
ESTB Date:  
REV Date: 1/10/20  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 7004  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
D17A - LHA/LHD Flight Deck Aircraft Director
Responsible for the safe and efficient movement of all embarked aircraft onboard LHA/LHD Flight Decks.

Source Rating: ABH  Billet Paygrades: E4-E7  Personnel Paygrades: E4-E7
Course: OJT, PQS  CIN:  CDP:
Sequence Code: 4  ESTB Date: 12/23/19  REV Date:  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code:
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTES:
1. All personnel must maintain a current Flight Deck Physical to hold this NEC code.
2. Submission of NAVPERS 1221/6 along with a copy of OJT/PQS completion documentation and a designation letter signed by the AIR BOSS shall be sent to PERS-4013 for awarding of this NEC code.

D18A - LHA/LHD Hangar Deck Aircraft Director
Responsible for the safe and efficient movement of all embarked aircraft onboard LHA/LHD Hangar Decks.

Source Rating: ABH  Billet Paygrades: E4-E7  Personnel Paygrades: E4-E7
Course: OJT, PQS  CIN:  CDP:
Sequence Code: 4  ESTB Date: 12/23/19  REV Date:  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code:
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTES:
1. All personnel must maintain a current Flight Deck Physical to hold this NEC code.
2. Submission of NAVPERS 1221/6 along with a copy of OJT/PQS completion documentation and a designation letter signed by the AIR BOSS shall be sent to PERS-4013 for awarding of this NEC code.

D19A - CVN Deck Caller
Responsible for the safety of all Flight Deck personnel during flight operations and aircraft spotting/maintenance requirements for all embarked aircraft onboard CVN Flight Decks.

Source Rating: ABH  Billet Paygrades: E4-E7  Personnel Paygrades: E4-E7
Course: OJT, PQS  CIN:  CDP:
Sequence Code: 4  ESTB Date: 12/23/19  REV Date:  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code:
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTES:
1. All personnel must maintain a current Flight Deck Physical to hold this NEC code.
2. Submission of NAVPERS 1221/6 along with a copy of OJT/PQS completion documentation and a designation letter signed by the AIR BOSS shall be sent to PERS-4013 for awarding of this NEC code.

D20A - CVN Flight Deck Aircraft Director
Responsible for the safe and efficient movement of all embarked aircraft onboard CVN Flight Decks.

Source Rating: ABH  Billet Paygrades: E4-E7  Personnel Paygrades: E4-E7
Course: OJT, PQS  CIN:  CDP:
Sequence Code: 4  ESTB Date: 12/23/19  REV Date:  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code:
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTES:
1. All personnel must maintain a current Flight Deck Physical to hold this NEC code.
2. Submission of NAVPERS 1221/6 along with a copy of OJT/PQS completion documentation and a designation letter signed by the AIR BOSS shall be sent to PERS-4013 for awarding of this NEC code.
**D21A - CVN Hangar Deck Aircraft Director**

Responsible for the safe and efficient movement of all embarked aircraft onboard CVN Hangar Decks.

Source Rating: ABH  
Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7  
Course: OJT, PQS  
CIN:  
CDP:  
Sequence Code: 4  
ESTB Date: 12/23/19  
REV Date:  
NR Ind: A  
Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

**NOTES:**

1. All personnel must maintain a current Flight Deck Physical to hold this NEC code.
2. Submission of NAVPERS 1221/6 along with a copy of OJT/PQS completion documentation and a designation letter signed by the AIR BOSS shall be sent to PERS-4013 for awarding of this NEC code.

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**EXXX - AVIATION (SQUADRON) COMMUNITY & CAREER FIELD**

**E00A - CMV-22 Systems Organizational Maintenance Technician**

Performs organizational maintenance on the CMV-22 aircraft systems: Power plants, electrical, airframes/hydraulics, environmental control, ordnance, and avionics.

Source Rating: AD, AE, AM, AME, AO, AT  
Billet Paygrades: E3-E7  
Personnel Paygrades: E1-E7  
Course: Mandatory  
CIN: M-601-6116 (AD)  
M-602-6326 (AE/AT)  
M-603-6156 (AM)  
CDP: 5841  
5843  
5842  
Sequence Code: 4  
ESTB Date: 2/12/18  
REV Date: 7/26/18  
NR Ind: A  
Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR(PMA 275)  
ECM: BUPERS-32

**NOTES:**

1. Maintenance personnel in paygrades E5-E7 may attend M-601-3620 (P/L) (MECH TRANS), 05CS; M-102-3620 (P/L) (AVI TRANS, 05CV; M-603-3620 (P/L), (AF TRANS), 05CT.

2. NEC code may be awarded through cadre training for AME and AO source ratings pending establishment of formal training at V-22 Training Fast Response Group, PMA-275.

---

**E01A - P-3A/B Weapons System OMA Technician - NEC Code Disestablished (Recode all Billets & Personnel to 0000)**

**E02A - EP-3E ESM OMA Technician**

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

Source Rating: AT  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: C-102-1139 (P/L)  
CDP: 2816  
Sequence Code: 4  
ESTB Date: 1/29/20  
REV Date:  
NR Ind: R  
Related NEC:  
Legacy NEC Code: 6640  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

**NOTE:** Last reviewed during “CSCS AT TRR” completed 1/29/20.

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**E03A - P-3A/B Integrated Electrical System OMA Specialist - NEC Code Disestablished (Recode all Billets & Personnel to 0000)**

**E04A - E42A - Aircraft Maintenance Technician**

Selected Reserve (SELRES) personnel may either complete the course requirements for E04A - E42A series NEC codes; or the NEC codes may be awarded by documented completion of the Qualified and Proficient Apprentice (QPA) qualification as documented in Advanced Skills Management (ASM) for the applicable Source Rating and Type/Model/Series aircraft.

**E04A - MH-53E Systems Organizational Maintenance Technician**

Performs organizational level maintenance on the MH-53E aircraft.

Source Rating: AD, AE, AM, AT  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: C-603-9443 (P/L) AM  
C-601-9446 (P/L) AD  
C-602-9442 (P/L) AE  
C-102-9444 (P/L) AT  
CDP: 483X  
483U  
483V  
483W  
Sequence Code: 4  
ESTB Date: 1/10/20  
REV Date: 1/10/20  
NR Ind: A  
Related NEC:  
Legacy NEC Code: 8303  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
E05A - C2/E2 Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on the C-2 and E-2C aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AD, AM, AME, AT</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E4-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-601-9472 (AD)</td>
<td>CDP: 480X (AD)</td>
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<tr>
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<td>C-602-9478 (AM)</td>
<td>483J (AM)</td>
</tr>
<tr>
<td></td>
<td>C-602-9742 (AME)</td>
<td>480Y (AME)</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 7/1/18</td>
<td>REV Date: 7/1/18</td>
</tr>
<tr>
<td>Component NEC: E28A</td>
<td>NR Ind: A</td>
<td></td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Related NEC: Legacy NEC Code: 8305</td>
<td></td>
</tr>
</tbody>
</table>

NOTES:
1. C2/E2 training applicable to AD, AM, and AME personnel.
3. NEC code 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 code E05A are authorized to retain this NEC code. No new awards of this NEC code will be made to E-3 and below personnel. Does not apply to AME.

E06A - E-2C Group II Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on the E-2 aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AE, AT, AD</th>
<th>Billet Paygrades: E5-E7</th>
<th>Personnel Paygrades: E4-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-102-9482 (P/L) (AT)</td>
<td>CDP: 325T (AT)</td>
</tr>
<tr>
<td></td>
<td>C-602-9480 (P/L) (AE)</td>
<td>3260 (AE)</td>
</tr>
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<td>C-601-9135 (P/L) (AD)</td>
<td>325V (AD)</td>
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<td>ESTB Date: 7/1/18</td>
<td>REV Date: 7/1/18</td>
</tr>
<tr>
<td>Component NEC: E29A</td>
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</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Related NEC: Legacy NEC Code: 8306</td>
<td></td>
</tr>
</tbody>
</table>

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 E06A 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 E29A or E28A.

E07A - C-2A Systems Organizational Maintenance Technician
Performs organizational level maintenance on the C-2A aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AT, AE</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-602-2351 (P/L) (AE)</td>
<td>CDP: 555B (AE)</td>
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<tr>
<td></td>
<td>C-102-2321 (P/L) (AT)</td>
<td>555A (AT)</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 1/10/20</td>
<td>REV Date: 1/10/20</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>NR Ind: A</td>
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</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Related NEC: Legacy NEC Code: 8307</td>
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</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

E08A - 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. Source rating AT also performs Organizational Maintenance on the Forward Operating Base (FOB) Mission Control Station avionics.

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-601-0041 (AD)</td>
<td>CDP: 11R8</td>
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<tr>
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<td>C-602-0063 (AE)</td>
<td>11R2</td>
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<td>C-603-0010 (AM)</td>
<td>11R9</td>
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<td>C-102-0140 (AT)</td>
<td>11R5</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 9/28/15</td>
<td>REV Date: 7/1/18</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>NR Ind: R</td>
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</tr>
<tr>
<td>Primary Advisor: OPNAV (N2/N6)</td>
<td>Related NEC: Legacy NEC Code: 8311</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Secret security clearance required.
E09A - 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
- Course: Mandatory
- Sequence Code: 4
- Component NEC: OPNAV (N98)
- Primary Advisor: OPNAV

E10A - C-40A Systems Organizational Maintenance Technician
Performs organizational maintenance on the C-40 Aircraft.

- Source Rating: AT, AE, AD, AM, AME
- Course: Mandatory
- Sequence Code: 4
- Component NEC: OPNAV (N98)

E11A - C-20G Systems Organizational Maintenance Technician - NEC Code Disestablished (Recode all Billets & Personnel to 0000)

E12A - E-6B System Organizational Career Maintenance Technician
Performs scheduled and unscheduled upkeep on mission and avionics systems on the E-6B aircraft. Knowledgeable in voice and data communications, Classified Material System (CMS) materials, aircraft maintenance procedures, and E-6B mission/avionics systems.

- Source Rating: AT
- Course: Mandatory
- Sequence Code: 3
- Component NEC: E32A

E13A - 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-1379/AWS, 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: E33A

E14A - 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: OPNAV (N98)

NOTE: 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).
E15A - P-3 Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on the P-3 aircraft.

Source Rating: AO, AME  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  

Source Rating: AD, AE, AM, AT  
Billet Paygrades: E5-E7  
Personnel Paygrades: E4-E7  

Course: Mandatory  

CIN: C-102-9587 (P/L) (AT)  
C-602-825A (P/L) (AE)  
C-601-9533 (P/L) (AD)  
C-603-9531 (P/L) (AM)  
C-603-9532 (AME)  
C-646-1140 (P/L) (AO)  

CDP: 458T (AT)  
459K (AE)  
459N (AD)  
459V (AM)  
459L (AME)  

ESTB Date: 1/29/20  
REV Date: 7/1/18  

Component NEC: E34A  
Primary Advisor: OPNAV (N98)  

NOTES:  
1. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC code E15A 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  

E16A - E-2D Aircraft Systems Organizational Career Maintenance Technician
Performs Organizational Maintenance on the E-2D Aircraft with new engines, hydraulic, electrical, and avionics systems.

Source Rating: AD, AE, AT  
Billet Paygrades: E5-E7  
Personnel Paygrades: E4-E7  

Course: Mandatory  

CIN: C-601-9127 (AD)  
C-602-9487 (AE)  
C-102-9473 (AT)  

CDP: 05TM (AD)  
05TK (AE)  
05TH (AT)  

ESTB Date: 2/25/10  
REV Date: 7/1/18  

Component NEC: E35A  
Primary Advisor: OPNAV (N98)  

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.

E17A - P-8A Aircraft Systems Organizational Career Maintenance Technician

Source Rating: AD, AE, AM, AT  
Billet Paygrades: E5-E7  
Personnel Paygrades: E4-E7  

AME, AO  
Billet Paygrades: E5-E7  
Personnel Paygrades: E4-E7  

Course: OJT  

CIN:  

CDP:  

ESTB Date: 8/27/10  
REV Date: 7/1/18  

Component NEC: E36A  
Primary Advisor: OPNAV (N98)  

NOTES:  
1. AE, AT and AO Source Ratings must be eligible for Secret security clearance.  
2. NEC code awarded after demonstration of advanced-level proficiency during hands-on training and production work, completion of Qualified Proficient Journeyman.  
3. Submit NAVPERS 1221/6 with supporting documentation to PERS-4013.

E18A - F/A-18E/F Block 2 Avionics System Organizational Career Maintenance Technician - NEC Code Disestablished (Recode all Billets & Personnel to 0000)
E19A - 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)
283J, 401T (AE)
2923, 4030 (AM)
2889, 4027 (AME)
294V, 4034 (AO)
2758, 4019 (AT)

Sequence Code: 4
ESTB Date: REV Date: 1/10/20

Component NEC: E38A
Primary Advisor: OPNAV (N98)

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)

Component NEC: Technical Advisor: NAVAIR

Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
CDP: 1215 (AM)
1207 (AME)
1182 (AD)
1162 (AT)
1209 (AE)
1218 (AO)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

E20A - 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, AME, AD, AE, 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: 04CT
04CP

Sequence Code: 4
ESTB Date: REV Date: 7/1/18

Component NEC: E39A
Primary Advisor: OPNAV (N98)

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)

Component NEC: Technical Advisor: NAVAIR

Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
CDP: 454G
454H
454J

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
E23A - H-60 Systems Organizational Career Maintenance Technician
Performs organizational maintenance on all T/M/S of the H-60 aircraft.

Source Rating: AO
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
Source Rating: AD, AE, AM
Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
Source Rating: AT
Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
Course: Mandatory
CIN: C-102-9407 (P/L) (AT)
447F, 447G
C-601-9407 (P/L) (AD)
447L, 447M, 967Z
C-602-9407 (P/L) (AE)
447N, 447P
C-603-9407 (P/L) (AM)
447R, 447S, 968A
C-646-0840 (P/L) (AO)
555W, 568X
Sequence Code: 4
ESTB Date: REV Date: 7/1/18
Component NEC: E41A
Related NEC:
Legacy NEC Code: 8378
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32
NOTES:
1. Component NEC not required of AO personnel.
2. Applies to SH-60F/HH-60H aircraft for AT and AE personnel.

E24A - MH60R/S Electrical Systems Organizational Career Maintenance Technician
Performs maintenance and troubleshooting on the systems of the MH60R/S helicopter.

Source Rating: AE
Billet Paygrades: E5-E7
Personnel Paygrades: E3-E7
Course: Mandatory
CIN: C-602-4413
CDP: 657S, 657T, 657U
Sequence Code: 3
ESTB Date: 2/23/10 REV Date: 7/1/18
Component NEC: E42A
Related NEC:
Legacy NEC Code: 8385
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32

E25A - MH-60R Electronics Systems Organizational Career Maintenance Technician
Performs avionics organizational level maintenance on the MH-60R aircraft.

Source Rating: AT
Billet Paygrades: E5- E7
Personnel Paygrades: E4-E7
Course: OJT
CIN:
CDP:
Sequence Code: 3
ESTB Date: REV Date: 2/6/20
Component NEC: E30A
Related NEC:
Legacy NEC Code: 8388
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32

NOTES:
1. NEC code is awarded through completion of OJT and command submission of NAVPERS 1221/6 to PERS-4013.
2. Formal training C-646-9400 (P/L) is required for AO rating only, includes Airborne Mine Countermeasure (AMCM) maintenance. Component NEC not required for AO personnel.
3. Last reviewed during “CSCS AT TRR” completed 2/6/20.

E26A - MH-60S Systems Organizational Career Maintenance Technician
Performs avionics organizational level maintenance on the MH-60S aircraft.

Source Rating: AT
Billet Paygrades: E5-E7
Personnel Paygrades: E4-E7
Source Rating: AO
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
Course: Mandatory
CIN: C-646-9400 (P/L) (AO)
CDP: 05DD, 05DE (AO)
Sequence Code: 3
ESTB Date: REV Date: 2/6/20
Component NEC: E31A
Related NEC:
Legacy NEC Code: 8389
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32

NOTES:
1. For AT rating personnel the NEC code is awarded through completion of OJT and command submission of NAVPERS 1221/6 to PERS-4013.
2. Formal training C-646-9400 (P/L) is required for AO rating only, includes Airborne Mine Countermeasure (AMCM) maintenance. Component NEC not required for AO personnel.
3. Last reviewed during “CSCS AT TRR” completed 2/6/20.
### E27A - 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), AN/ALQ-218 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>
<th>Source Rating: AT</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E1-E7</th>
</tr>
</thead>
<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: 12/9/19</td>
</tr>
<tr>
<td>Component NEC: E38A or E19A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 8394</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 E19A or E38A upon being awarded this NEC code.
3. Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.

### E28A - C-2/E-2 Systems Organizational Initial Maintenance Technician

Performs organizational apprentice level maintenance on the C-2 and E-2C aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AT, AM, AD</th>
<th>Billet Paygrades: E3-E4</th>
<th>Personnel Paygrades: E3-E5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-601-9471 (AD)</td>
<td>CDP: 598U (AD)</td>
</tr>
<tr>
<td></td>
<td>C-602-9476 (AM)</td>
<td>598W (AM)</td>
</tr>
<tr>
<td>Sequence Code: 6</td>
<td>ESTB Date:</td>
<td>REV Date: 7/1/18</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 8805</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

### E29A - E-2C Group II Systems Organizational Initial Maintenance Technician

Performs organizational apprentice level maintenance on the E-2 aircraft.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-102-0328 (P/L) (AT)</td>
<td>CDP: 325F (AT)</td>
</tr>
<tr>
<td></td>
<td>C-601-0934 (P/L) (AD)</td>
<td>599B (AD)</td>
</tr>
<tr>
<td></td>
<td>C-602-0353 (P/L) (AE)</td>
<td>325C (AE)</td>
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<tr>
<td>Sequence Code: 6</td>
<td>ESTB Date:</td>
<td>REV Date: 7/1/18</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 8806</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### E30A - MH-60R Electronics Systems Organizational Initial Maintenance Technician

Performs avionics organizational level maintenance on the MH-60R aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AT</th>
<th>Billet Paygrades: E3-E4</th>
<th>Personnel Paygrades: E3-E5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-102-3408 (P/L)</td>
<td>CDP: 03X0, 03X1</td>
</tr>
<tr>
<td>Sequence Code: 6</td>
<td>ESTB Date:</td>
<td>REV Date: 7/1/18</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 8807</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### E31A - MH-60S Electronics Systems Organizational Initial Maintenance Technician

Performs avionics organizational level maintenance on the MH-60S aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AT</th>
<th>Billet Paygrades: E3-E4</th>
<th>Personnel Paygrades: E3-E5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-102-0828 (P/L)</td>
<td>CDP: 660J, 745L</td>
</tr>
<tr>
<td>Sequence Code: 6</td>
<td>ESTB Date:</td>
<td>REV Date: 7/1/18</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 8808</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
E32A - E-6B System Organizational Initial Maintenance Technician
Performs scheduled and unscheduled upkeep on mission and avionics systems on the E-6B aircraft. Knowledgeable in voice and data communications, Classified Material System (CMS) materials, aircraft maintenance procedures, and E-6B mission/avionics systems.

Source Rating: AT  Billet Paygrades: E3-E4  Personnel Paygrades: E3-E5
Course: Mandatory  CIN: C-102-6145 (P/L)  CDP: 3549
Sequence Code: 6  ESTB Date: 11/21/18  NR Ind: A
Component NEC: Related NEC: Legacy NEC Code: 8809
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTES:
1. Member must possess a Top Secret (TS)/ Sensitive Compartmented Information (SCI) security clearance.
2. Last reviewed during “AT TRR” completed 11/21/18.

E33A - E-2C Hawkeye 2000 Systems Organizational Initial Maintenance Technician
Performs Organizational Maintenance on the E-2C Hawkeye 2000 aircraft configuration/modified avionics and electrical systems. The modified systems consist of a Mission Computer Upgrade (MCU) CP-2319/ASQ, Advanced Control Indicator Set (ACIS) AN/ASQ-225, Data Loader Recorder (DLR) RD-664/ASH, and Navigation Upgrade System (NAV UPGRADE) that includes dual Carrier Aircraft Inertial Navigation System (CAINS II) AN/ASN-139, Standard Automatic Flight Control System (SAFCS) AN/ASW-50, Standard Central Air Data Computer (SCADC) CP-140/U, Digital Data Communications Set (RT—1379A/ASW), Upgraded Multifunction Control Display Units (MFCDU), and the Global Positioning System (GPS). Other systems currently include the Joint Tactical Information Distribution System (JTIDS) and APS-145 Radar with the Cooperative Engagement Capability (CEC) AN/USG-3 system.

Source Rating: AT  Billet Paygrades: E3-E4  Personnel Paygrades: E3-E5
Course: Mandatory  CIN: C-102-9470(P/L)  CDP: 06YM
Sequence Code: 6  ESTB Date: 7/1/18  NR Ind: A
Component NEC: Related NEC: Legacy NEC Code: 8816
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTE: Secret security clearance required.

E34A - P-3 Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the P-3 aircraft.

Course: Mandatory  CIN: C-102-1029 (P/L) (AT)  CDP: 962J (AT)
                          C-601-9532 (AD)  598F (AD)
                          C-602-1054 (P/L) (AE)  962M (AE)
                          C-603-9530 (AM)  598K (AM)
Sequence Code: 6  ESTB Date: 11/21/18  NR Ind: A
Component NEC: Related NEC: Legacy NEC Code: 8819
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTE: Last reviewed during “CSCS TRR” completed 12/29/20.

E35A - E-2D Aircraft Systems Organizational Initial Maintenance Technician
Performs Organizational Maintenance on the E-2D Aircraft with new engines, hydraulic, electrical, and avionics systems.

Course: Mandatory  CIN: C-601-9126 (AD)  CDP: 05TL (AD)
                          C-602-9488 (AE)  07AL (AE)
                          C-102-9475 (AT)  07AK (AT)
Sequence Code: 6  ESTB Date: 7/1/18  NR Ind: A
Component NEC: Related NEC: Legacy NEC Code: 8820
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTES:
1. NEC is awarded through factory (cadre) and FIT-coordinated Transition training pending CNATTU Ready For Training (RFT).
2. AE and AT ratings require a Secret security clearance.
E36A - P-8A Aircraft Systems Organizational Initial Maintenance Technician

Source Rating: AD, AE, AM, AME, AO, AT  
Course: Mandatory  
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E7  
CIN: C-601-4203 (AD)  
C-602-4206 (AE)  
C-603-4203 (AM)  
C-602-4207 (AME)  
C-646-4203 (AO)  
C-102-4203 (AT)  
CDP: 11PA  
11PB  
11PG  
11PH  
11PK  
ESTB Date: 8/27/10  
REV Date: 11/14/19  
CIN: C600-4201/07HT required for all Source Ratings.  
NR Ind: A  
Legacy NEC Code: 8830  
ECM: BUPERS-32

NOTES:
1. CIN/CDP C-600-4201/07HT required for all Source Ratings.
2. AE, AO, and AT Source Ratings must be eligible for Secret security clearance.

E37A - 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: 979H, 979J  
ESTB Date: 7/1/18  
NR Ind: A  
Legacy NEC Code: 8840  
ECM: BUPERS-32

E38A - F/A-18E/F and EA-18G Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the F/A-18E/F aircraft.

Source Rating: AT, AE, AM, AME, AD, AO  
Course: Mandatory  
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5  
CIN: C-102-0623 (P/L) AT  
C-102-0625 (Diff Course)  
C-601-9976 (P/L) AD  
C-601-9977 (Diff Course)  
C-602-0654 (P/L) AE  
C-602-0655 (Diff Course)  
C-602-9980 (P/L) AME  
C-602-9982 (Diff Course)  
C-603-9976 (P/L) AM  
C-603-9977 (Diff Course)  
C-646-0655 (P/L) AO  
C-646-0642 (P/L)  
CDP: 2704, 767W (AT)  
736S, 9278  
283D, 9265  
767Y, 2696 (AE)  
736U, 9282  
2876, 4029 (AME)  
623J, 9271  
4033, 293V (AM)  
736X, 9325 (AO)  
265Z, 7685  
ESTB Date: 7/1/18  
NR Ind: A  
Legacy NEC Code: 8841  
ECM: BUPERS-32

NOTES:
1. The F/A-18 E/F difference training pipeline requires Component NEC E39A.
2. Personnel will retain previously earned Component NEC E39A upon being awarded NEC code E38A.

E39A - F/A-18 A/B/C/D Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the F/A-18 A/B/C/D aircraft.

Source Rating: AD, AE, AME, AM, AO, AT  
Course: Mandatory  
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5  
CIN: C-102-0622 (P/L) AT  
C-102-0625 (Diff Course)  
C-601-9976 (P/L) AD  
C-602-0652 (P/L) (AD)  
C-602-9973 (P/L) (AME)  
C-603-9973 (P/L) (AM)  
C-646-0653 (P/L)  
CDP: 0363 (AT)  
1181 (AD)  
0360 (AE)  
1200 (AME)  
1214 (AM)  
0339  
ESTB Date: 7/1/18  
NR Ind: A  
Legacy NEC Code: 8842  
ECM: BUPERS-32

NOTES:
1. The F/A-18 E/F difference training pipeline requires Component NEC E39A.
2. Personnel will retain previously earned Component NEC E39A upon being awarded NEC code E38A.
E40A - E-6 Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on all E-6 series aircraft.

Source Rating: AD, AE, AM  
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5  
Course: Mandatory  
CIN: C-601-3500 (P/L) (AD)  
C-602-1952 (P/L) (AE)  
C-603-3501 (P/L) (AM)  
CDP: 701A (AD)  
0714 (AE)  
701J (AM)  
Sequence Code: 6  
ESTB Date:  
REV Date: 1/10/20  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

E41A - 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  
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5  
Course: Mandatory  
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)  
CDP: 597C, 597D, 7554 (AD)  
568D (AE)  
597G, 597H, 753V (AM)  
567V (AT)  
Sequence Code: 6  
ESTB Date:  
REV Date: 7/1/18  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
NOTE: Prerequisites for AZ source rating E-3 paygrade prior to attending NEC code F01A 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.

E42A - MH60R/S Electrical Systems Organizational Initial Maintenance Technician
Performs maintenance and troubleshooting on the systems of the MH60R/S helicopter.

Source Rating: AE  
Billet Paygrades: E3-E4  
Personnel Paygrades: E3-E5  
Course: Mandatory  
CIN: C-602-0858(P/L)  
CDP: 660H, 745K  
Sequence Code: 6  
ESTB Date: 2/23/10  
REV Date: 7/1/18  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

FXXX - AVIATION (SUPPORT) COMMUNITY & CAREER FIELD

F00A - Autonomic Logistics Information System (ALIS) Database Administrator/Analyst
Performs database administrative duties for the F-35 ALIS.

Source Rating: AZ  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
Course: Mandatory  
CIN: C-555-2023  
CDP: 19C3  
Sequence Code: 4  
ESTB Date: 2/15/18  
REV Date: 7/1/18  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Secret security clearance required.

F01A - F-18 Automated Maintenance Environment Operator
Performs all operator, data entry, and retrieval functions. Performs networking functions between individual stations, including analysis and correction of errors caused by software, hardware, or data entry. Transmits and receives data via floppy disk, modem, and other electronic means. Extracts data, formulates and interprets management reports, creates archives, backups, and data saves in support of deployments and detachment operations.

Source Rating: AZ  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
Course: Mandatory  
CIN: C-150-3871  
CDP: 5747, 5748  
Sequence Code: 4  
ESTB Date: 7/1/18  
REV Date: 7/1/18  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Secret security clearance required.
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
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N98)

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

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: Related NEC:
Primary Advisor: OPNAV (N98)

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

Provides approach control service either radar or non-radar at a terminal air traffic control facility for arriving and departing VFR/IFR aircraft and, on occasion, enroute aircraft.

Source Rating: AC
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N98)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

Directs pilots of carrier based aircraft in making approaches and departures on CVs using radio communications and carrier controlled approach radar systems.

Source Rating: AC
Course: Mandatory
Sequence Code: 3
Component NEC: Related NEC:
Primary Advisor: OPNAV (N98)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
F06A - 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)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

F07A - 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 (N98)

F08A - 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)

NOTE: Must possess a current medical recommendation for Flying or Special Operational Duty (DD 2992) signed by a Naval Flight Surgeon.

F09A - Facility Rated Terminal RADAR Approach (RAPCON) 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: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N98)

NOTE: NEC code will be awarded upon attaining the RAPCON 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 1221/6 with Commanding Officer’s recommendation to Commander, Navy Personnel Command (PERS-4013) to request awarding of this NEC code is required.

F10A - Rated Carrier Air Traffic Control Center (CATCC) Controller

Responsible for providing radar and non-radar air traffic control services from all control positions within the CATCC for aircraft departing from or arriving aboard the aircraft carrier under Case I, II, and III operating conditions.

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

NOTE: NEC code will be awarded upon attaining the CATCC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 1221/6 with Commanding Officer’s recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.
F11A - Rated Amphibious Air Traffic Control Center (AATCC) Controller
Responsible for providing radar and non-radar air traffic control services from all control positions within the AATCC for aircraft departing from or arriving aboard the aircraft carrier under Case I, II, and III operating conditions.

Source Rating: AC  Billet Paygrades: E5-E8  Personnel Paygrades: E4-E9
Course:  CIN:  CDP:
Sequence Code: 4  ESTB Date: 8/31/11  REV Date: 5/29/19  NR Ind: R
Component NEC: F06A  Related NEC:  Legacy NEC Code: 6933
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the AATCC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 1221/6 with Commanding Officer’s recommendation to NPC (PERS-4013) requesting NEC code award will be required.

F12A - Rated Tactical Air Control Center (TACC) Controller
Responsible for tactical radar air traffic services for aircraft entering, exiting, or operating within the Amphibious Area of Responsibility, and assigning close air support holding points and entry/exit routes for target areas as necessary.

Source Rating: AC  Billet Paygrades: E5-E9  Personnel Paygrades: E4-E9
Course:  CIN:  CDP:
Sequence Code: 4  ESTB Date: 8/31/11  REV Date: 5/29/19  NR Ind: R
Component NEC: F06A  Related NEC:  Legacy NEC Code: 6934
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the TACC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. The component NEC requirement may be waived if certification is acquired as outlined in NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 1221/6 with Commanding Officer’s recommendation to NPC (PERS-4013) requesting NEC code award will be required.

F13A - Facility Rated Fleet Area Control and Surveillance Facility (FACSFAC) Controller
Responsible for air traffic control services provided to aircraft operating in or transiting to/from Special Activity Airspace in the FACSFAC’s area of jurisdiction.

Source Rating: AC  Billet Paygrades: E4-E9  Personnel Paygrades: E4-E9
Course:  CIN:  CDP:
Sequence Code: 4  ESTB Date: 8/31/11  REV Date: 7/1/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 6935
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the FACSFAC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 1221/6 with Commanding Officer’s recommendation to Commander, Navy Personnel Command (PERS-4013) requesting NEC award will be required.

F14A - Facility Rated RADAR Air Traffic Control Facility (RATCF) Controller
Responsible for the control of Instrument Flight Rules/Visual Flight Rules aircraft departing, arriving to, or transiting through airspace and airfields within the Naval Air Station’s RATCF area of jurisdiction.

Source Rating: AC  Billet Paygrades: E4-E8  Personnel Paygrades: E4-E9
Course:  CIN:  CDP:
Sequence Code: 4  ESTB Date: 8/31/11  REV Date: 7/1/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 6936
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the RATCF rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 1221/6 with Commanding Officer’s recommendation to NPD (PERS-4013) requesting NEC code award will be required.
F15A - 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: CIN: Billet Paygrades: E4-E9
Sequence Code: 4 ESTB Date: 8/31/11 REV Date: 7/1/18 Personnel Paygrades: E4-E9
Component NEC: Related NEC: Technical Advisor: NAVAIR
Primary Advisor: OPNAV (N98) Legacy NEC Code: 6937

NOTE: NEC code will be awarded upon attaining CTO licensure as certified by a FAA CTO Examiner in accordance with FAAO 7220.1 Certification and Rating Procedures for DoD Personnel. Submission of NAVPERS 12211/6 with Commanding Officer’s recommendation to NPC (PERS-4013) requesting NEC code award will be required.

F16A - Aircrew Survival Equipmentman (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
Course: Mandatory CIN: Billet Paygrades: E4-E6
Sequence Code: 5 ESTB Date: REV Date: 12/9/19 Personnel Paygrades: E3-E6
Component NEC: Related NEC: Technical Advisor: NAVAIR
Primary Advisor: OPNAV (N98) Legacy NEC Code: 7356

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.

F17A - 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 CIN: Billet Paygrades: E3-E6
Sequence Code: 5 ESTB Date: REV Date: 1/10/20 Personnel Paygrades: E3-E6
Component NEC: Related NEC: Technical Advisor: NAVAIR
Primary Advisor: OPNAV (N98) Legacy NEC Code: 7601

F18A - 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 CIN: Billet Paygrades: E3-E6
Sequence Code: 5 ESTB Date: REV Date: 1/10/20 Personnel Paygrades: E3-E6
Component NEC: Related NEC: Technical Advisor: NAVAIR
Primary Advisor: OPNAV (N98) Legacy NEC Code: 7603

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

F19A - 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 CIN: Billet Paygrades: E3-E6
Sequence Code: 5 ESTB Date: REV Date: 7/1/18 Personnel Paygrades: E3-E6
Component NEC: Related NEC: Technical Advisor: NAVAIR
Primary Advisor: OPNAV (N98) Legacy NEC Code: 7606

ECM: BUPERS-32
F20A - Support Equipment Tow Tractor Technician
Performs on-equipment repair and intermediate maintenance on diesel engines, drive trains, brakes, and steering systems installed in mobile, hydraulic, pneumatic systems, and their components.

<table>
<thead>
<tr>
<th>Source Rating: AS</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-602-7010 (P/L)</td>
<td>CDP: 554R, 568H</td>
</tr>
<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date:</td>
<td>REV Date: 12/9/19</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7607</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 12/9/19.

F21A - Support Equipment Maintenance Manager
Plans, organizes, implements, and controls maintenance on all assigned support equipment in compliance with policy statements and directives by NAVALIR, type commanders and local commands. Implements and supervises aviation programs and operator training. Manages the preventive maintenance system on assigned support equipment.

<table>
<thead>
<tr>
<th>Source Rating: AS</th>
<th>Billet Paygrades: E5-E9</th>
<th>Personnel Paygrades: E5-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-500-3202</td>
<td>CDP: 489Y, 547V</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date:</td>
<td>REV Date: 1/10/20</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7609</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 1/10/20.

F22A - 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, diesel engines and aircraft jacks.

<table>
<thead>
<tr>
<th>Source Rating: AS</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-602-7070 (P/L)</td>
<td>CDP: 553K, 568T</td>
</tr>
<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date:</td>
<td>REV Date: 12/9/19</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7612</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 12/9/19.

F23A - 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.

<table>
<thead>
<tr>
<th>Source Rating: AS</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-602-7080</td>
<td>CDP: 553M, 568V</td>
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<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date:</td>
<td>REV Date: 7/1/18</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7614</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

F24A - 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 diesel engines, electric hydraulic lifting systems, mechanical drive systems, suspensions and electric and hydraulic control circuits and components.

<table>
<thead>
<tr>
<th>Source Rating: AS</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-602-7065 (P/L)</td>
<td>CDP: 568S</td>
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<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date:</td>
<td>REV Date: 12/9/19</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7616</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 12/9/19.
F25A - 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: F25A  
Primary Advisor: OPNAV (N98)  

Billet Paygrades: E5-E6  
Personnel Paygrades: E5-E6  
CIN: C-602-3307  
ESTB Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVAIR  
CDP: 583A  
NR Ind: R  
Legacy NEC Code: 7617  
ECM: BUPERS-32

F26A - Afloat Support Equipment Technician
Performs on-equipment repair and intermediate maintenance on engines, diesel engines, shipboard aircraft handler, 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: F26A  
Primary Advisor: OPNAV (N98)  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-7090 (P/L)  
ESTB Date: 12/9/19  
Related NEC:  
Technical Advisor: NAVAIR  
CDP: 571T, 964D  
NR Ind: R  
Legacy NEC Code: 7618  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.

GXXX - AVIATION (AIR CREW) COMMUNITY & CAREER FIELD

AVIATION WARFARE SYSTEMS OPERATOR
AWs 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. AWs 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 V40A.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 N1 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.

G00A - MH-60S Airborne Mine Countermeasures (AMCM) Helicopter Aircrewmman
Operates airborne mine detection and neutralization equipment during mine countermeasure operations.

Source Rating: AWS  
Course: Mandatory  
Sequence Code: 4  
Component NEC: G00A  
Primary Advisor: OPNAV (N98)  

Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: D-050-3121  
ESTB Date: 7/27/17  
E-050-3121  
Related NEC:  
Technical Advisor: NAVAIR  
CDP: 17YV  
REV Date: 17YT  
NR Ind: R  
Legacy NEC Code:  
ECM: BUPERS-32

NOTES:
1. Requires a security clearance level of Secret (Interim).
2. Component NEC G34A will be retained in the service member’s record.
G01A - HH-60H Utility Aircrewm - NEC Code Disestablished (Recode billets to G34A and personnel to 0000)

G02A - Helicopter Search and Rescue Aircrew Swimmer
Performs aviation rescue swimmer duties and search and rescue operations primarily from non-tactical rotary wing aircraft.

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-050-0600</td>
<td>CDP: 6597</td>
</tr>
<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: REV Date: 8/24/17</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: 802A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7815</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

G03A - 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.

<table>
<thead>
<tr>
<th>Source Rating: AW, AWO, AWR, AWV</th>
<th>Billet Paygrades: E4-E9</th>
<th>Personnel Paygrades: E4-E9</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: D-050-3119</td>
<td>CDP: 11X3</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 9/30/16 REV Date: 8/24/17</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC: G08A or G09A or G46A or G11A or G29A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7828</td>
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<tr>
<td>Primary Advisor: OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. Secret security clearance required with TS/SCI eligibility.
2. Personnel will retain Component NEC for follow-on sea duty requirements.

G04A - 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. 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.

<table>
<thead>
<tr>
<th>Source Rating: AWO</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E2-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: C-210-4001 (P/L)</td>
<td>CDP: 10UP</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 7/17/19</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC: 802A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7835</td>
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<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR, SPAWAR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Secret security clearance required.

G06A - P3C Update III Acoustic Sensor Operator
Operates advanced acoustic sensors in the P3C Update III aircraft.

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: D-050-1230 (P/L)</td>
<td>CDP: 298H</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 7/17/19</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC: 802A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7841</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

G07A - 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 that 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.

<table>
<thead>
<tr>
<th>Source Rating: AWO</th>
<th>Billet Paygrades: E4-E9</th>
<th>Personnel Paygrades: E2-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: D-050-1225 (P/L)</td>
<td>CDP: 05MT</td>
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<td>D-050-1226 (P/L)</td>
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<td></td>
<td>D-050-1232 (P/L)</td>
<td>08XZ</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 10/27/11 REV Date: 7/17/19</td>
<td>NR Ind: N</td>
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<td>Component NEC: 802A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 7842</td>
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<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. Secret security clearance required with TS/SCI eligibility.
2. NEC code may be awarded via Factory/CADRE training.
G08A - P3C Non-Acoustic Operator
Operates non-acoustic sensors in the P3C aircraft.

Source Rating: AW, AWO
Course: Mandatory
Sequence Code: 4
Component NEC: 802A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9
Personnel Paygrades: E2-E9
CIN: D-050-1132 (P/L)
CDP: 298K
ESTB Date: REV Date: 7/17/19
NR Ind: A
Technician Advisor: NAVAIR
Legacy NEC Code: 7861
ECM: BUPERS-32

G09A - P-8A 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
Course: Mandatory
Sequence Code: 4
Component NEC: 802A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9
Personnel Paygrades: E2-E9
CIN: D-050-1132 (P/L)
CDP: 298K
ESTB Date: REV Date: 7/17/19
NR Ind: A
Technician Advisor: NAVAIR
Legacy NEC Code: 7861
ECM: BUPERS-32

NOTES:
1. Secret security clearance required with TS/SCI eligibility.
2. NEC code may be awarded via Factory/CADRE training.

G11A - 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: AW, AWR
Course: Mandatory
Sequence Code: 4
Component NEC: G02A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9
Personnel Paygrades: E2-E9
CIN: D-050-1227 (P/L)
CDP: 05MW
D-050-1228 (P/L)
05MV
D-050-1229 (P/L)
08XS
ESTB Date: 10/27/11
REV Date: 7/17/19
NR Ind: N
Technician Advisor: NAVAIR
Legacy NEC Code: 7862
ECM: BUPERS-32

NOTE: NEC code may be awarded through cadre training pending implementation of formal training.

G12A - SH-60F/HH-60H Multi-Sensor Operator
Performs sonar operations, sonobouy interpretation and tactics employment for varied tactical missions, SAR operations, and cargo transfer in the SH-60F/HH-60H aircraft.

Source Rating: AW, AWR
Course: Mandatory
Sequence Code: 4
Component NEC: G02A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9
Personnel Paygrades: E2-E9
CIN: D-050-3200
CDP: 05UK, 05US
D-050-3200 (P/L)
05UK, 05US
E-050-3200
785J, 989C
E-050-3200 (P/L)
785J, 989C
D-050-3202
05UL, 05UT
D-050-3202 (P/L)
05UL, 05UT
E-050-3202
989B, 989D
E-050-3202 (P/L)
989B, 989D
D-050-3205
07FT
E-050-3205
07FU
D-050-3206 (P/L)
07G8
E-050-3206 (P/L)
05XM
ESTB Date: REV Date: 7/17/19
NR Ind: R
Technician Advisor: NAVAIR
Legacy NEC Code: 7876
ECM: BUPERS-32

NOTE: NEC code may be awarded through cadre training pending implementation of formal training.

G12A - SH-60F/HH-60H Multi-Sensor Operator
Performs sonar operations, sonobouy interpretation and tactics employment for varied tactical missions, SAR operations, and cargo transfer in the SH-60F/HH-60H aircraft.

CMV (Cargo multimission vertical-takeoff/short-takeoff fixed-wing) - 22

Source Rating: AW, AWR
Course: Mandatory
Sequence Code: 4
Component NEC: G02A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9
Personnel Paygrades: E3-E9
CIN: E-050-0831 (P/L)
CDP: 935N
E-050-0802
929V
E-050-0802
929V
ESTB Date: REV Date: 8/24/17
NR Ind: R
Technician Advisor: NAVAIR
Legacy NEC Code: 7876
ECM: BUPERS-32

NOTE: NEC code may be awarded through cadre training pending implementation of formal training.
G13A - MH-53 Airborne Mine Countermeasures (AMCM) Aircrewman
Performs in-flight duties and operates appropriate airborne equipment in helicopter mine countermeasures operations.

Source Rating: AW, AWS
Course: Mandatory
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9
CIN: D-050-2793 (P/L)
ESTB Date: REV Date: 7/17/19
Technical Advisor: NAVAIR

Personnel Paygrades: E2-E9
CDP: 2048
NR Ind: R
Legacy NEC Code: 7886
ECM: BUPERS-32

G16A - 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: AW, AWF
Course: Commercial
Sequence Code: 4
Component NEC: 802A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E9
CIN: E-050-0414 (P/L)
ESTB Date: REV Date: 8/24/17
Related NEC:
Technical Advisor: NAVAIR

Personnel Paygrades: E5-E9
CDP: 336P
NR Ind: A
Legacy NEC Code: 8209
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.

G19A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: 802A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9
CIN: E-050-0414 (P/L)
ESTB Date: REV Date: 7/17/19
Related NEC:
Technical Advisor: NAVAIR

Personnel Paygrades: E2-E9
CDP: 336P
NR Ind: R
Legacy NEC Code: 8229
ECM: BUPERS-32

NOTE: Must have a Top Secret/SCI security clearance and be PRP eligible.

G20A - E-6B Flight Engineer
Performs in-flight duties as an E-6B Flight Engineer.

Source Rating: AW, AWF
Course: Mandatory
Sequence Code: 3
Component NEC: 802A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E9
CIN: E-050-0410 (P/L)
ESTB Date: REV Date: 7/29/19
Related NEC:
Technical Advisor: NAVAIR

Personnel Paygrades: E4-E9
CDP: 958V
NR Ind: R
Legacy NEC Code: 8235
ECM: BUPERS-32

NOTES:
1. Must have a Top Secret/SCI security clearance and be PRP eligible.
2. E-4 paygrade candidates will be screened by the STAR program (MILPERSMAN 1160-100) prior to being detailed to the G20A pipeline.

G22A - 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: AW, AWF
Course: Mandatory
Sequence Code: 4
Component NEC: 802A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E9
CIN: R-601-2017 or R-601-2007
ESTB Date: REV Date: 8/24/17
Related NEC:
Technical Advisor: NAVAIR

Personnel Paygrades: E5-E9
CDP: 633K or 5816
NR Ind: A
Legacy NEC Code: 8245
ECM: BUPERS-32

58
G25A - 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: AW, AWF  
Course: Mandatory  
Sequence Code: 3  
Component NEC: 802A  
Primary Advisor: OPNAV (N98)

Billet Paygrades: E5-E9  
CIN: R-050-0555  
ESTB Date: 8/24/17  
NR Ind: R

Personnel Paygrades: E5-E9  
CDP: 04HN  
REV Date: 8/24/17  
Legacy NEC Code: 8252

G28A - 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: AW, AWF  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 802A  
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9  
CIN: D-050-2302 (P/L)  
ESTB Date: 7/17/19  
NR Ind: R

Personnel Paygrades: E2-E9  
CDP: 595G  
REV Date: 7/17/19  
Legacy NEC Code: 8279

G29A - Aviation Electronic Warfare (EW) Operator
Operates EW equipment in P-3, P-8, MQ-4C, and EP-3 aircraft.

Source Rating: AWO  
Course: Factory Training  
Sequence Code: 4  
Component NEC: 802A  
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9  
CIN: C-050-3022 (P/L)  
ESTB Date: 11/14/19  
NR Ind: A

Personnel Paygrades: E2-E9  
CDP: 2123  
REV Date: 11/17/19  
Legacy NEC Code: 8284

G30A - MQ-8B/C Mission Payload Operator (MPO)
Operates MQ-8B/C mission payload during flight.

Source Rating: AW, AWF, AWO, AWR, AWS, AWV  
Course: Factory Training  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E9  
CIN:  
ESTB Date: 7/15/09  
NR Ind: A

Personnel Paygrades: E2-E9  
CDP:  
REV Date: 7/17/19  
Legacy NEC Code: 8367

G31A - MQ-8B/C Air Vehicle Operator (AVO)
Develops and inputs Air Vehicle flight plan. Directs, monitors, and provides input changes to Air Vehicle in-flight.

Source Rating: AW, AWF, AWO, AWR, AWS, AWV  
Course: Factory Training  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N98)

Billet Paygrades: E6-E9  
CIN:  
ESTB Date: 7/15/09  
NR Ind: A

Personnel Paygrades: E6-E9  
CDP:  
REV Date: 8/24/17  
Legacy NEC Code: 8368

ECM: BUPERS-32

NOTES:
1. NEC may be awarded through cadre training pending establishment of formal training.
2. Flight Physical must be completed prior to arrival in accordance with aero-medical reference and waiver guide and NAVMED P117.
3. Physical Qualification-Class Two Physical
G32A - 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: 802A
Primary Advisor: OPNAV (N98)

NOTES:
1. Secret security clearance required.
2. Depth perception requirements are outlined in MANNED, see Class II Rotary Wing Aircrew standard.
3. Level 300 Aircrew with flying experience may attend M-601-3620 (P/L), 05CS MECH Transition for awarding of this NEC code.
4. Last reviewed during “AWF TRR” completed 7/26/18.

G33A - 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: 802A
Primary Advisor: OPNAV (N98)

NOTES:
1. Secret security clearance required.
2. Level 300 Aircrew with flying experience may attend M-601-3620 (P/L), 05CS MECH Transition for awarding of this NEC code.
3. Last reviewed during “AWF TRR” completed 7/26/18.

G34A - MH-60S Multi-Mission Helicopter Aircrewman
Performs in-flight duties as MH-60S Aircrewman.

Source Rating: AW, AWR, AWS
Course: Mandatory
Sequence Code: 4
Component NEC: G02A
Primary Advisor: OPNAV(N98)

NOTES:
1. Secret security clearance required.
2. Depth perception requirements are outlined in MANNED, see Class II Rotary Wing Aircrew standard.
3. Level 300 Aircrew with flying experience may attend M-601-3620 (P/L), 05CS MECH Transition for awarding of this NEC code.
4. Last reviewed during “AWF TRR” completed 7/26/18.

G35A - CMV-22 Transport Aircrewman
Performs in-flight and ground duties as a transport aircrewman on CMV-22 aircraft. Performs internal cargo handling and weight and balance. Knowledgeable on all aircraft systems, ground procedures, cargo and passenger handling, emergency procedures, and flight equipment.

Source Rating: AWF
Course: Mandatory
Sequence Code: 4
Component NEC: 802A
Primary Advisor: OPNAV (N98)

NOTES:
1. Secret security clearance required.
2. Depth perception requirements are outlined in MANNED, see Class II Rotary Wing Aircrew standard.
3. Level 300 Aircrew with flying experience may attend M-601-3620 (P/L), 05CS MECH Transition for awarding of this NEC code.
4. Last reviewed during “AWF TRR” completed 7/26/18.

G41A - TacMobile Watch Officer
Provides leadership and management control of Maritime Patrol and Reconnaissance Aircraft Weapon Systems 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: 802A
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.
G46A - SH60B Multi-Sensor Operator
Operates acoustic and non-acoustic sensors in the SH60B LAMPS MK III aircraft.

<table>
<thead>
<tr>
<th>Source Rating: AWR</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<tr>
<td>Course: Mandatory</td>
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<td>ESTB Date: REV Date: 7/1/18</td>
<td>NR Ind: R</td>
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<td>Legacy NEC Code: 7873</td>
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<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

G51A - G63A Naval Aircrewmen
APPLIES TO NAVAL AIRCREWMEN OPERATOR NECs: AWs 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. AWs 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 V40A.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 designation 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 NEC codes are the primary means of identification for aircrew qualifications. Commands shall ensure submission of NAVPER 1221/6 to BUPERS-323 immediately upon qualification for these NEC codes. Request for removal of any of these NEC codes will be submitted to OPNAV N13 via BUPERS-323 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.

G51A - 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.

<table>
<thead>
<tr>
<th>Source Rating: AWF</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E1-E8</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: R-050-0402</td>
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<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. NEC code is for Selected Reserve (SELRES) personnel only.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

G53A - 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.

<table>
<thead>
<tr>
<th>Source Rating: AWF</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
**G54A - E-6B REEL System Operator**
Performs in-flight operation of the E-6B Dual trailing wire antenna system.

- Source Rating: AWF
- Course: Mandatory
- Sequence Code: 4
- Component NEC: 802A
- Primary Advisor: OPNAV (N98)

<table>
<thead>
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<tr>
<td>E4-E8</td>
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<td>336W</td>
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</table>

- ESTB Date: 7/17/19
- REV Date: 7/17/19
- NR Ind: R
- Legacy NEC Code: 8227
- ECM: BUPERS-32

**NOTE:** Must have a Top Secret/SCI security clearance and be PRP eligible.

**G57A - 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
- Course: Mandatory
- Sequence Code: 4
- Component NEC: 802A
- Primary Advisor: OPNAV (N98)

<table>
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<tr>
<th>Billet Paygrades:</th>
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<tr>
<td>E3-E7</td>
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</table>

- ESTB Date: 7/17/19
- REV Date: 7/17/19
- NR Ind: R
- Legacy NEC Code: 8241
- ECM: BUPERS-32

**G60A - 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: 802A
- Primary Advisor: OPNAV (N98)

<table>
<thead>
<tr>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades:</th>
<th>CDP:</th>
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<tbody>
<tr>
<td>E4-E9</td>
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- ESTB Date: 7/1/18
- REV Date: 7/1/18
- NR Ind: R
- Legacy NEC Code: 8251
- ECM: BUPERS-32

**G62A - 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: 802A
- Primary Advisor: OPNAV (N98)

<table>
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<tr>
<th>Billet Paygrades:</th>
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<tbody>
<tr>
<td>E3-E8</td>
<td>E2-E8</td>
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</tbody>
</table>

- ESTB Date: 7/17/19
- REV Date: 7/17/19
- NR Ind: A
- Legacy NEC Code: 8265
- ECM: BUPERS-32

**G63A - Loadmaster**
Performs in-flight duties as a Loadmaster in C-20, C-37 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: 802A
- Primary Advisor: OPNAV (N98)

<table>
<thead>
<tr>
<th>Billet Paygrades:</th>
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<tbody>
<tr>
<td>E3-E8</td>
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- ESTB Date: 7/17/19
- REV Date: 7/17/19
- NR Ind: R
- Legacy NEC Code: 8278
- ECM: BUPERS-32
H00A - Enlisted Frequency Manager
Coordinates frequencies for use within area of responsibility. Maintains frequency employment files. Initiates action as appropriate to prevent and/correct harmful interference. Makes recommendations for changes in frequencies affected by propagation and un-resolvable harmful interference.

Source Rating: IT  Billet Paygrades: E6-E9  Personnel Paygrades: E6-E9
Course: Mandatory  CIN: A-202-0039  CDP: 121E
Sequence Code: 3  ESTB Date:  REV Date: 3/1/18  NR Ind: R
Component NEC: H04A  Related NEC:  Legacy NEC Code: 2301
Primary Advisor: OPNAV (N2N6)  Technical Advisor: NAVIFOR (N7/N1)  ECM: BUPERS-32

NOTES:
1. Component NEC code may be waived for personal who have completed on site Communications Watch Officer PQS/JQR and demonstrated the ability to operate communications suites in the HF, UHF, SHF, and EHF frequency spectrums.
2. Submit NAVPERS 1221/6 to PERS-4013D2 via NAVIFOR (N7/N1). Include copies of applicable supporting documentation; service record page 4s, enlisted evaluations, CO/OIC’s recommendation.

H01A - Joint Task Force (JTF) Spectrum Management Master Level
Performs core elements and supporting activities of the JTF Spectrum Management policy, doctrine, organization, capabilities, and related activities; Mastery of JTF planning and use of JTF automated planning tools in a Joint environment are accomplished.

Source Rating: IT  Billet Paygrades: E6-E9  Personnel Paygrades: E6-E9
Course: Mandatory  CIN: A-202-0008  CDP: 02RT
Sequence Code: 2  ESTB Date:  REV Date: 3/1/18  NR Ind: N
Component NEC: H00A  Related NEC:  Legacy NEC Code: 2302
Primary Advisor: OPNAV (N2N6)  Technical Advisor: NAVIFOR (N7/N1)  ECM: BUPERS-32

H02A - Strategic SHF SATCOM Systems/WGS/DSCS Operator
Operates WGS/DSCS terminals AN/GSC-52A, AN/GSC-52B and AN/FSC-78C(V), DSCS FDMA Control Subsystems (DFCS), Digital Communications Subsystems (DCSS), and Promina systems at Standard Tactical Entry Point (STEP) and DoD Teleport sites.

Source Rating: IT  Billet Paygrades: E4-E7  Personnel Paygrades: E4-E7
Sequence Code: 4  ESTB Date:  REV Date: 3/1/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 2363
Primary Advisor: OPNAV (N2N6)  Technical Advisor: NAVIFOR (N7/N1)  ECM: BUPERS-32

NOTE: NEC code may be assigned to personnel who have completed on site JQRs and demonstrated the ability to operate Strategic SHF SATCOM Systems and Subsystems. Submit NAVPERS 1221/6 to PERS-4013D2 via NAVIFOR (N7/N1). Include copies of applicable supporting documentation; service record page 4s, enlisted evaluations, CO/OIC’s recommendation.

H03A - 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 chirp sounder with associated frequency management terminal to maintain effective communications.

Source Rating: IT  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E7
Course: Mandatory  CIN: J-201-0816  CDP: 702Y
Sequence Code: 4  ESTB Date:  REV Date: 3/1/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 2375
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVIFOR (N7/N1), SPAWAR  ECM: BUPERS-32

63
H04A - 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: 8/14/19  
NR Ind: A
Component NEC: Related NEC:  
Legacy NEC Code: 2379
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVIFOR (N7/N1)  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/14/19.

H05A - 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  
CDP: 01DZ, 01J5
Sequence Code: 3  
ESTB Date: 4/97  REV Date: 3/1/18  
NR Ind: R
Component NEC: Related NEC: 738A, 739A  
Legacy NEC Code: 2709
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: SPAWAR  
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Member must attain level 1 (NOVICE) certifications per the Navy's System Administrator Certification Program prior to formal training.

H06A - MQ-4C Unmanned Aircraft System (UAS) Forward Operating Base (FOB) Mission Control System (MD-3B) Administrator
Performs installation, configuration, administration, repair, and operation of databases and networks required for operation of the MQ-4C FOB Mission Control System (MD-3B). 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  
CDP: 16ZY
Sequence Code: 4  
ESTB Date: 12/2/16  REV Date: 10/3/19  
NR Ind: N
Component NEC: 746A  
Related NEC:  
Legacy NEC Code: 2723
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVIFOR (N7/N1)  
ECM: BUPERS-32

NOTES: Secret security clearance required with TS/SCI eligibility.
H07A - 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: OPNAV (N2/N6)  
Primary Advisor: OPNAV (N2/N6)  
Personnel Paygrades: E6-E9

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
4. Last reviewed during “NAVMAC Periodicity Review” completed 8/14/19.

H08A - 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  
Course: Factory Training  
Sequence Code: 3  
Component NEC: 746A  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVIFOR (N7/N1)  
Personnel Paygrades: E5-E9

NOTES:
1. SSBI TS Security Clearance required.
2. Personnel must have a minimum of 12 months remaining at assigned command prior to attending A-150-1855 course.
3. Last reviewed during “NAVMAC Periodicity Review” completed 9/9/19.

H09A - 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  
Sequence Code: 3  
Component NEC: 746A  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVIFOR (N1/N7)  
Personnel Paygrades: E4-E8

NOTES:
1. SSBI TS Security Clearance required.
2. Personnel must have a minimum of 12 months remaining at assigned command prior to attending A-150-1855 course.
3. Last reviewed during “NAVMAC Periodicity Review” completed 9/9/19.

H10A - Basic Cyber Analyst/Operator - NEC Code Disestablished (Recode all Billets & Personnel to 0000)
H11A - 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
- Personnel Paygrades: E4-E7
- CIN: ESTB Date: 3/16/16
- REV Date: 3/1/18
- NR Ind: A
- Legacy NEC Code: 9319
- Related NEC: NAVIFOR (N13/N7)
- Technical Advisor: NAVIFOR (N13/N7)
- CDP: 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.

H12A - 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
- Primary Advisor: COMTENTHFLT
- Billet Paygrades: E5-E8
- Personnel Paygrades: E5-E8
- CIN: ESTB Date: 2/4/16
- REV Date: 3/1/18
- NR Ind: A
- Legacy NEC Code: 9318
- Related NEC: NAVIFOR (N13/N7)
- Technical Advisor: NAVIFOR (N13/N7)
- CDP: 07PV

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.

H13A - Navy Interactive On-Net Operator
Navy Interactive On-Net Operators use advanced software applications for network navigation and tactical forensic analysis.

- Source Rating: CTN
- Course: Mandatory
- Sequence Code: 3
- Component NEC: OPNAV (N2/N6)
- Primary Advisor: OPNAV (N2/N6)
- Billet Paygrades: E4-E8
- Personnel Paygrades: E4-E8
- CIN: ESTB Date: 3/25/14
- REV Date: 3/1/18
- NR Ind: R
- Legacy NEC Code: 9308
- Related NEC: NAVIFOR (N1)
- Technical Advisor: NAVIFOR (N1)
- CDP: 07PV

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.

H14A - 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
- Course: OJT
- Sequence Code: 3
- Component NEC: 785B
- Primary Advisor: OPNAV (N2N6F3)
- Billet Paygrades: E4-E8
- Personnel Paygrades: E4-E8
- CIN: ESTB Date: 3/25/14
- REV Date: 2/20/20
- NR Ind: R
- Legacy NEC Code: 9326
- Related NEC: NAVIFOR N13
- Technical Advisor: NAVIFOR N13
- CDP: 07PV

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 awarding of this NEC code do not remove Component NEC, member shall retain NEC code 785B for Selective Reenlistment Bonus (SRB) entitlements.
4. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.
H15A - 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.

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 awarding of this NEC code do not remove Component NEC, member shall retain NEC code 785B for Selective Reenlistment Bonus (SRB) entitlements.
4. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.

H16A - 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.

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 awarding of this NEC code do not remove Component NEC, member shall retain NEC code 785B for Selective Reenlistment Bonus (SRB) entitlements.
4. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.

H18A - LCS-1 (Freedom Variant) Transmission Systems/LAT/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 required. 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). Conduct 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.

1. Secret security clearance required.
2. NEC code H04A 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 oblserved for the LCS program.
5. Member must hold one of the core LCS NEC codes V40B, 721B, 777B, 776B, or 778B.
H29A - Cyberspace Operations Planner

Uses in-depth technical knowledge of cyberspace operations capabilities, target vulnerabilities, and effects to develop detailed plans and orders supporting Combatant Command (CCMD) cyberspace operations requirements.

<table>
<thead>
<tr>
<th>Source Rating: CTN</th>
<th>Billet Paygrades: E6-E7</th>
<th>Personnel Paygrades: E6-E9</th>
</tr>
</thead>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-531-0031</td>
<td>CDP: 00C7</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 12/11/19 REV Date:</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N2N6)</td>
<td>Technical Advisor: NAVIFOR (N1/N7)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

Note: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

H30A - Defensive Cyberspace Operations Analyst (DCOA)

Performs threat-based network and system analysis, basic malware analysis, traffic analysis, signature development, understands and performs network forensics and implementation of countermeasures to mitigate possible network threats. Executes defensive techniques in the cyberspace operational environment to defend and protect Mission Relevant Terrain Cyber (MRT-C). Leverages unique data, analytic and Indication and Warning to actively defend networks of interest. Discovers foreign cyber threats, provide warning and disseminate actionable information based on knowledge of adversary activities, behaviors and Tactics, Techniques, and Procedures.

<table>
<thead>
<tr>
<th>Source Rating: CTN</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E4-E7</th>
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<tr>
<td>Course: Mandatory</td>
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<td>CDP: 19KU</td>
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<td>Sequence Code: 3</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N2N6F3)</td>
<td>Technical Advisor: NAVIFOR (N1/N7)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Member must possess a Top Secret/Sensitive Compartmented Information security clearance.

H31A – Adversarial Pursuit Operator (APO)

Identifies key terrain cyber, while detecting, defending, recovering and eradicating enemy network threat activity. Analyzes specific advanced and persistent threat-based intrusions. Conducts gap and malware analysis, forensic analysis and develop appropriate active defense plans to project cyberspace power and return to steady state operations. Responsible for the coordinated pursuit of cyber advisories as authorized in order to mitigate and counter the adversary through technical means. APO and Cyber Threat Emulation Operator (CTEO) operates in other network spaces to pursue and eradicate adversaries planning or attempting to target protected and contested cyberspace domains deemed as critical assets. APO and CTEO discover cyber threats on-net and on-host from all sources to implement actionable countermeasures.

<table>
<thead>
<tr>
<th>Source Rating: CTN</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<td>ESTB Date: 12/4/18 REV Date:</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
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<td>Primary Advisor: OPNAV (H30A)</td>
<td>Technical Advisor: NAVIFOR (N1/N7)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Member must possess a Top Secret/Sensitive Compartmented Information security clearance.

H32A - Cyber Threat Emulation Operator (CTEO)

Replicates threat activity for full scope assessments of blue Mission Relevant Terrain Cyber (MRT-C) utilizing adversarial Tactics, Techniques, and Procedures (TTP). Utilizes all-source intelligence to execute an offensive cyber operational plan in support of Commanders training or operational requirements to perform aggressive threat assessments of information and combat systems to inform defensive TTPs and posture. Translates knowledge of adversary activities/behaviors and vulnerabilities into operational effects that will align with MRT-C priorities and recommend mitigation strategies to allied entities.

<table>
<thead>
<tr>
<th>Source Rating: CTN</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<td>Course: Mandatory</td>
<td>CIN: A-531-4417</td>
<td>CDP: 19IU</td>
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<td>ESTB Date: 12/4/18 REV Date:</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N2N6F3)</td>
<td>Technical Advisor: NAVIFOR (N1/N7)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Member must possess a Top Secret/Sensitive Compartmented Information security clearance.
H33A - Cyber Network Defense Infrastructure Specialist (CNDIS)
Configures hardware and applications to interface with defended networks and information systems in support of Defensive Cyberspace Operations (DCO) on the Department of Defense Information Network (DODIN). Assists mission owners in the identification of critical cyber infrastructure. Assesses the configuration posture of a defended network or information system and identifies areas of vulnerability or inadequate security for mitigation and improvement. Reviews and evaluates system and network logs, configuration files, administrative policies, technical controls and security practices to measure effectiveness and ensure compliance with Department of Defense (DoD) policies and regulations. Maintains configuration management of the Deployable Mission Support System and virtual training environments to support Cyber Protection Team (CPT) operations. Provides risk mitigation recommendations to network/system owners and assists local defenders in implementing mitigations for cyber vulnerabilities.

Source Rating: IT  Billet Paygrades: E5-E7  Personnel Paygrades: E4-E9
Course: Mandatory  CIN: A-531-4421  CDP: 19KU
Sequence Code: 7  ESTB Date: 10/1/19  REV Date:  NR Ind: A
Component NEC:  Related NEC: 741A, 742A, 746A  Legacy NEC Code:  
Primary Advisor: OPNAV (N2/N6F3)  Technical Advisor: NAVIFOR (N1/7)  ECM: BUPERS-32

NOTES:
1. Must hold Top Secret or Sensitive Compartmented Information clearance.
2. Must be enroute to CPT billet.
3. Must have completed one full previous sea duty assignment in a Related NEC billet.
4. Personnel who have completed Intermediate Cyber Core (ICC) formal training must submit certificate of course completion along with NAVPERS 1221/6 via NAVIFOR to PERS-4013 for awarding of this NEC code.

H40A - Autonomic Logistics Information System Manager
Performs system administrative duties for the F-35 Autonomic Logistics Information System.

Source Rating: IT  Billet Paygrades: E4-E8  Personnel Paygrades: E4-E8
Course: Mandatory  CIN: C-531-0038  CDP: 19C2
Sequence Code: 4  ESTB Date: 11/19/18  REV Date:  NR Ind: R
Component NEC: 746A  Related NEC:  Legacy NEC Code: 2793
Primary Advisor: OPNAV (N98)  Technical Advisor: NAVIFOR (N13)  ECM: BUPERS-32

NOTE: Member must possess a secret security clearance.

IXXX - AVIATION (I-LEVEL/FRC) COMMUNITY & CAREER FIELD

I00A - T-400 Turboshaft Jet Engine First Degree Repair/IMA Mechanic - NEC Code Disestablished (Recode all Billets & Personnel to 0000)

I01A - T-56 Turboprop Engine and 54H60 Series Propeller First Degree/IMA Mechanic
Performs first degree intermediate level maintenance on the T-56 turboprop engine and 54H60 series propeller in support of P-3/C-130 aircraft, as specified in the Naval Air Maintenance Program.

Source Rating: AD  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E7
Course: Mandatory  CIN: C-601-3001 (P/L)  CDP: 949G
Sequence Code: 5  ESTB Date:  REV Date: 1/10/20  NR Ind: R
Component NEC:  Related NEC: I04A  Legacy NEC Code: 6418
Primary Advisor: OPNAV(N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I02A - F-404 Turbofan Jet Engine First Degree/IMA Mechanic
Performs first degree intermediate level maintenance and required engine inspections. Incorporates engine technical directives.

Source Rating: AD  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E7
Course: Mandatory  CIN: C-601-3867  CDP: 117D
Sequence Code: 5  ESTB Date:  REV Date: 7/1/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 6420
Primary Advisor: OPNAV(N98)  Technical Advisor: NAVAIR  ECM: BUPERS-32
I03A - Test Cell Operator/Maintainer
Operates aircraft engine test cells and portable test facilities in order to test and evaluate engine performance. Performs pre-run-up, inspection, powerplant test, recording, and evaluation of data. Performs periodic maintenance, corrosion control and minor repair of aircraft engine test systems.

Source Rating: AD, AE  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
Course:  
CIN:  
Sequence Code: 5  
ESTB Date:  
REV Date: 7/1/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  
NOTE: NEC code is awarded in accordance with COMNAVAIRFORINST 4790.2 series, Chapter 10.

I04A - 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-preservation engine and gearbox assemblies.

Source Rating: AD  
Course: Mandatory  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-601-3011 (P/L)  
CDP: 988N  
Sequence Code: 5  
ESTB Date:  
REV Date: 7/1/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV(N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I05A - T-64 Turboshaft Jet Engine First Degree/IMA Mechanic
Performs first degree intermediate level maintenance, as specified in the Naval Air Maintenance Program, on the T-64 Turboshaft jet engine.

Source Rating: AD  
Course: Mandatory  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: C-601-3451  
CDP: 436Y  
Sequence Code: 5  
ESTB Date:  
REV Date: 7/1/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV(N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I06A - F414-GE-400 Turbofan Engine Third Degree/IMA Mechanic
Performs third degree maintenance at the Intermediate Level on the F414-GE-400 Turbofan Jet Engine in support of the F/A-18E/F aircraft. Support of this engine includes but is not limited to the troubleshooting of various electronic control components including the Full Authority Digital Electronic Control (FADEC), removal and replacement of various engine modules, and required inspections.

Source Rating: AD  
Course: Mandatory  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-601-4866  
CDP: 436U, 436V  
Sequence Code: 4  
ESTB Date:  
REV Date: 7/1/18  
NR Ind: A  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV(N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I07A - 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  
Billet Paygrades: E4-E6  
Personnel Paygrades: E4-E6  
CIN: C-601-4866  
CDP: 548G, 985E  
Sequence Code: 5  
ESTB Date:  
REV Date: 1/10/20  
NR Ind: R  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV(N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I08A - 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  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: M-601-3090 (P/L)  
CDP: 217X  
Sequence Code: 5  
ESTB Date:  
REV Date: 1/10/20  
NR Ind: N  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV(N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
I09A - Aviation ASW (MAD) IMA Technician
Performs intermediate level maintenance on assigned aviation ASW systems.

Source Rating: AT  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Personnel Paygrades: E3-E6

Billet Paygrades: E4-E6  
CIN: C-130-9057 (P/L)  
ESTB Date:  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I10A - 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:  
Primary Advisor: OPNAV(N98)  
Personnel Paygrades: E3-E7

Billet Paygrades: E3-E7  
CIN:  
ESTB Date:  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: NEC code is awarded upon completion of NAVEDTRA approved PQS and command submission of BUPERS Form 1221.

NOTES:
1. Last reviewed during “NAVMAC Periodicity Review” completed 10/15/19.

I11A - ASW Sonobuoy Receivers and Recorder Group IMA Technician
Performs intermediate level maintenance on assigned aviation ASW systems.

Source Rating: AT  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Personnel Paygrades: E3-E7

Billet Paygrades: E4-E6  
CIN: C-102-3596  
ESTB Date:  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Reserves must also attend courses C-102-3598 and C-102-3568

I12A - 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)  
Personnel Paygrades: E3-E7

Billet Paygrades: E4-E7  
CIN:  
ESTB Date:  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I13A - 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)  
Personnel Paygrades: E3-E6

Billet Paygrades: E3-E6  
CIN: C-102-4051  
ESTB Date:  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I14A - 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)  
Personnel Paygrades: E3-E6

Billet Paygrades: E3-E6  
CIN: C-102-4054  
ESTB Date:  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
I15A - Aircraft Electronic Identification (IFF) IMA Technician
Repairs various interrogators and transponders at the intermediate maintenance level.

Billet Paygrades: E3-E6  Personnel Paygrades: E3-E6  ESTB Date:  REV Date: 1/10/20  Related NEC: Legacy NEC Code: 6609

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I16A - 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  CIN: C-102-6152 (P/L)  SEQUENCE CODE: 5  Component NEC:  primary advisor: OPNAV(N98)
Billet Paygrades: E3-E6  Personnel Paygrades: E3-E6  ESTB Date:  REV Date: 7/1/18  Related NEC: Legacy NEC Code: 6611

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I17A - Aircraft TACAN/Radio Navigation Equipment IMA Technician
Performs intermediate level maintenance on aircraft TACAN and Radio Navigation Equipment.

Source Rating: AT  Course: Mandatory  CIN: M-102-6412 (P/L)  SEQUENCE CODE: 5  Component NEC:  primary advisor: OPNAV(N98)
Billet Paygrades: E3-E6  Personnel Paygrades: E3-E6  ESTB Date:  REV Date: 7/1/18  Related NEC: Legacy NEC Code: 6613

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I18A - Aircraft HF Communications Equipment IMA Technician
Performs intermediate level maintenance on aircraft High Frequency (HF) communications equipment.

Billet Paygrades: E3-E6  Personnel Paygrades: E3-E6  ESTB Date:  REV Date: 1/10/20  Related NEC: Legacy NEC Code: 6621

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I19A - 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)

Billet Paygrades: E3-E6  Personnel Paygrades: E3-E6  ESTB Date:  REV Date: 1/10/20  Related NEC: Legacy NEC Code: 6621

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I20A - 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.

Billet Paygrades: E4-E7  Personnel Paygrades: E4-E7  ESTB Date:  REV Date: 1/10/20  Related NEC: Legacy NEC Code: 6631

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
I21A - Aircraft Communications Security Devices Equipment IMA Technician
Performs intermediate level maintenance on aircraft communications security devices equipment.

Source Rating: AT  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Personnel Paygrades: E3-E6

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I22A - 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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)  
Personnel Paygrades: E3-E8

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I23A - 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:  
Primary Advisor: OPNAV(N98)  
Personnel Paygrades: E3-E7

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I24A - 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:  
Primary Advisor: OPNAV(N98)  
Personnel Paygrades: E4-E7

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I25A - 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:  
Primary Advisor: OPNAV(N88)  
Personnel Paygrades: E3-E7

NOTES: Upon award of this NEC code, the 729A NEC code will be removed from individual’s record.

I26A - 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:  
Primary Advisor: OPNAV(N98)  
Personnel Paygrades: E4-E6

73
I27A - P-3 Navigation System Equipment Technician
Performs intermediate level maintenance on P-3 navigation system equipment.

Source Rating: AT  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6

Course: Mandatory
CIN: C-102-6172 (P/L)
CDP: 948P

Sequence Code: 5
ESTB Date: REV Date: 7/1/18
NR Ind: R

Component NEC:  
Related NEC:  
Legacy NEC Code: 6710

Primary Advisor: OPNAV(N98)  
Technical Advisor: NAVAIR

ECM: BUPERS-32

I28A - 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:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6
CIN: C-198-4873
ESTB Date: REV Date: 7/1/18
Related NEC:  
Legacy NEC Code: 6713

Technical Advisor: NAVAIR

ECM: BUPERS-32

I29A - 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:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E5
CIN: C-198-3021
ESTB Date: REV Date: 7/1/18
Related NEC:  
Legacy NEC Code: 6716

Technical Advisor: NAVAIR

ECM: BUPERS-32

I30A - 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:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6
CIN: C-102-6171 (P/L)
ESTB Date: REV Date: 7/1/18
Related NEC:  
Legacy NEC Code: 6717

Technical Advisor: NAVAIR

ECM: BUPERS-32

I31A - 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:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E5-E6
CIN: C-102-6171 (P/L)
ESTB Date: REV Date: 1/10/20
Related NEC:  
Legacy NEC Code: 6718

Technical Advisor: NAVAIR

ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I32A - AN/USM-449A (V) Automatic Test System Maintenance Technician - NEC Code Disestablished (Recode all Billets & Personnel to 0000)

I33A - 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:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6
CIN: C-198-6104 (P/L)
ESTB Date: REV Date: 7/1/18
Related NEC:  
Legacy NEC Code: 6723

Technical Advisor: NAVAIR

ECM: BUPERS-32

NOTE: Must possess a secret clearance.
I34A - 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:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-198-6105 (P/L)  
ESTB Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Must possess a secret clearance.

I35A - 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, adjustment/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:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-198-6111 (P/L)  
ESTB Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Must possess a secret clearance.

I37A - 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  
Course: OJT  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: C-602-3517  
ESTB Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTE: Awarded through OJT while assigned to an Aircraft Intermediate Maintenance Department.

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

I38A - 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  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: C-602-3517  
ESTB Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

I39A - P-3C Automatic Flight Control Systems (AFCS) (IMA) Technician
Performs intermediate level maintenance on P-3C automatic flight control systems.

Source Rating: AE  
Course: OJT  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV(N98)

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN:  
ESTB Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVAIR  
ECM: BUPERS-32

NOTES: 
1. Awarded through OJT while assigned to an Aircraft Intermediate Maintenance Department
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
**I40A - Aircraft Instrument (IMA) Technician**

Performs intermediate level maintenance on aircraft instruments, including the testing, unsealing, fault isolation, repair, and sealing of hermetically sealed instruments.

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<tr>
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<tr>
<td>Course: Mandatory</td>
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<td>CDP: 485U</td>
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<tr>
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<td>ESTB Date: REV Date: 12/9/19</td>
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<td>ECM: BUPERS-32</td>
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</table>

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.

**I41A - 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.

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<td>Course: Mandatory</td>
<td>CIN: C-602-3126</td>
<td>CDP: 10VX, 6056</td>
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<td>Primary Advisor:</td>
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<td>ECM: BUPERS-32</td>
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</table>

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.

**I42A - 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 E2C/D early warning aircraft.

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<td>Course: Mandatory</td>
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**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 8/24/17.

**I43A - Helicopter ASE/AFCS (IMA) Technician**


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<td>ECM: BUPERS-32</td>
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**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

**I44A - 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.

<table>
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<td>Billet Paygrades:</td>
<td>E3-E6</td>
<td>ECM: BUPERS-32</td>
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**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 1/10/20.
I45A - F/A-18 Electrical System Weapons Replaceable Assembly Repair Intermediate Maintenance 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)
Technical Advisor: NAVAIR

Billet Paygrades: E3-E6
CIN: C-602-3869
ESTB Date: REV Date: 12/9/19
Related NEC:

Personnel Paygrades: E3-E6
CDP: 119X, 493X
NR Ind: A
Legacy NEC Code: 7184

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.

I46A - 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: 4
Component NEC: Primary Advisor: OPNAV (N88)

Billet Paygrades: E3-E6
CIN: C-198-6102 (P/L)
ESTB Date: REV Date: 3/1/18
Related NEC:

Personnel Paygrades: E3-E6
CDP: 556W, 960U
NR Ind: R
Legacy NEC Code: 6704

CDP: 556W, 960U
NR Ind: R
Legacy NEC Code: 6704

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.

I47A - 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: 7/1/18
Related NEC:

Personnel Paygrades: E3-E6
CDP: 644R
NR Ind: R
Legacy NEC Code: 7213

CDP: 644R
NR Ind: R
Legacy NEC Code: 7213

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.

I49A - Hydraulic Component Test Stand (HCTS) and Servocylinder Test Station (STS) Operator/Maintainer
Performs operational checks, testing/troubleshooting and repair of hydraulic and pneumatic components using the A/F-27T-10/12 HCTS and STS.

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

Billet Paygrades: E4-E6
CIN: C-690-3210 (P/L)
ESTB Date: REV Date: 7/1/18
Related NEC:

Personnel Paygrades: E3-E6
CDP: 06YK, 08U9
06V6, 08U7
NR Ind: A
Legacy NEC Code: 7227

CDP: 06YK, 08U9
06V6, 08U7
NR Ind: A
Legacy NEC Code: 7227

ECM: BUPERS-32

I50A - Hydraulic Component Test Stands Operator/Maintainer
Performs scheduled/unscheduled Intermediate Level maintenance on the A/F 27T-10 and A/F 27T-12 Hydraulic Component Test Stands.

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

Billet Paygrades: E3-E6
CIN: C-690-3213
ESTB Date: REV Date: 8/24/17
Related NEC:

Personnel Paygrades: E3-E6
CDP: 12W2, 12W3
C-690-3212
06V6, 08U7
NR Ind: A
Legacy NEC Code: 7226

CDP: 12W2, 12W3
06V6, 08U7
NR Ind: A
Legacy NEC Code: 7226

ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/24/17.

I51A - 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
CIN: C-603-3868
ESTB Date: REV Date: 1/10/20
Related NEC:

Personnel Paygrades: E3-E7
CDP: 1213, 493Z
NR Ind: R
Legacy NEC Code: 7232

CDP: 1213, 493Z
NR Ind: R
Legacy NEC Code: 7232

ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
J00A - 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  Billet Paygrades: E4-E6  Personnel Paygrades: E4-E6
Course: Mandatory  CIN: C-420-2011  CDP: 390P
Sequence Code: 3  ESTB Date: 3/1/18  REV Date: 3/1/18  NR Ind: A
Component NEC: Related NEC: Legacy NEC Code: 7412
Primary Advisor: OPNAV N960  Technical Advisor: NAVMETOC  ECM: BUPERS-32

NOTE: NEC may be granted to Selected Reserve personnel by COMNAVMETOCCOM, upon completion of applicable training courses as determined by COMNAVMETOCCOM.

K070 - Intelligence Specialist (IS) “A” School

Assists in every phase of the planning, collection, processing, analysis and dissemination of intelligence in support of all warfare domains, both ashore and afloat; prepares and presents intelligence briefings; provides input to and receives data from organic and non-organic sources; maintains files and libraries.

Source Rating: IS  Billet Paygrades: E3-E4  Personnel Paygrades: E3-E6
Course: Mandatory  CIN: A-243-1388  CDP: 19RL
Sequence Code: 4  ESTB Date: 5/28/19  REV Date: 5/28/19  NR Ind: A
Component NEC: Related NEC: Legacy NEC Code:
Primary Advisor: OPNAV (N2N6)  Technical Advisor: NAVIFOR (N13)  ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.
K10A - Geospatial Intelligence (GEOINT) Analyst
Performs as geospatial interpreters and basic strike support fundamentals afloat and ashore under all conditions with limited supervision. Performs 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 imagery 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; 00B to include TTPs; identify employment of CC&D, and identification of emerging capabilities, research and development; study and conduct exploitation of LOCs, strategic industries, military and civilian infrastructure, HZLs, beach studies, and terrain classification in support of JIPOE; contribute to the 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 GEOINT, literal or non-literal, to provide tailored GEOINT products; and play an important part in BDA/BHA, HA/DR, and NEO.

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NOTES:
1. NEC code 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. Course 1N131, U.S. Air Force, Goodfellow, TX.
   b. Course 242-9D10 (AIT), U.S Army, Ft Huachuca, AZ.
   c. National Geospatial Intelligence College, Imagery Analysis Fundamentals (IAF).

2. Other documented imagery interpretation training received from a secondary school, university, or commercial course of instruction may qualify for K10A 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 ACDUTRA and weekend drills where the primary duty was imagery interpretation.

3. Reservists requesting this NEC code must submit NAVPERS 1221/6 to PERS-4013 via OPNAV (N2N6).

K13A - 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.

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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.
K23A - Strike Warfare Intelligence Analyst
Performs target development; Target Coordinate Mensuration (TCM) to generate precision coordinates, graphic, textual, tabular, digital, video or other representations of target intelligence designed primarily to support operations against designated targets by one or more weapons systems in support of Deliberate or Dynamic Targeting and Target Material Production (TMP) within the joint targeting process; produces Joint Desired Point of Impact (JDPI) data records and associated JDPI graphics (JDPI-G) to the MIDB or other community databases; assists with maintenance and updates local/unit target lists; performs imagery research, ordering and ingest; performs imagery screening and analysis in support of TCM; maintains local library of National Geospatial-Intelligence Agency (NGA) approved Digital Point Positioning Database (DPPDB) and imagery for TCM use; conducts Collateral Damage Estimations (CDEs), conducts Joint Intermediate Target Development (JITD) to develop target deck nomination.

Source Rating: IS
Course: Mandatory
Sequence Code: 4
Component NEC: K10A
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 the individual’s TMP Officer-In-Charge (OIC)/Targeteer through formal evaluation to assess the degree and scope of training required for each individual. Recertification can occur at the Naval Air Warfare Development Center (NAWDC) or in any TMP-certified work center.

K27A - 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 for use 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: 4
Component NEC: K23A
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. Recertification training timeline range from one to three weeks (15 training days) and is dependent upon the individual’s performance during CMSA formal evaluation.

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).

K36A - Operational Intelligence (OPINTEL) Analyst
Performs Tasking, Collection, Processing, Exploitation and Dissemination (TCPED) of information to produce relevant and timely intelligence; provide Indications and Warnings; performs OPINTEL watch standing; conducts threat assessments; generates intelligence reports, briefs, assessments and summaries; performs Joint Intelligence Preparation of the Operational Environment (JIPOE) and all-source fusion analysis; performs predictive analysis utilizing identified/correlated trends and patterns; conducts debriefing to enhance knowledge of the operating environment; performs target systems analysis and target development; supports Sensitive Site Exploitation (SSE); reviews data for accuracy and reliability of sources; uses Command, Control, Communications, Computer, Collection, Intelligence, Surveillance and Reconnaissance (C4ISR) systems; maintains an all-source intelligence plot; serves as Independent Duty Intelligence Specialists.

Source Rating: IS
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV N2N6

Note: Must possess a Top Secret/Sensitive Compartmented Information security clearance.
K37A - All Source Intelligence Analyst-Cyber (ASIA-C)
Performs analysis of threat information from multiple sources, disciplines, and agencies across the government and Intelligence Community. Synthesizes and places intelligence information in context; draws insights about the possible implication. Conducts all-sources Joint Intelligence Preparation of the Operational Environment (JIPOE) at Combatant Command (COCOM) level, and Intelligence Preparation of Battlespace (IPB) at the tactical and Fleet level commands; responds to Requests For Information (RFI), and submits intelligence collection and production requirements to national assets in support of planning and operations, and joint targeting. Produces timely, fuse all-source cyberspace operations intelligence products (e.g., threat assessments, briefings, intelligence studies, country studies, etc.). Identifies state and non-state cyber actors, Tactics, Techniques, and Procedures (TTP), providing intelligence analysis and support to command designated exercises, planning activities, and Time Sensitive Target (TST) operation. Conducts Nodal analysis of cyber actors and systems. Collaborates with Intelligence Community (IC) analysts involved in cyberspace operations intelligence or related areas. Drafts and maintains Commanders Critical Information Requirements (CCIR), Priority Intelligence Requirements (PIR), Essential Elements of Information (EEI), produces and submits RFIs based on these requirements.

Source Rating: CTR, IS  
Billet Paygrades: E3-E8  
Course: Mandatory  
CIN: A-232-4413  
Sequence Code: 4  
ESTB Date: 3/28/19  
REV Date:  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N2N6)  
Technical Advisor: TENTH FLT (N2)  
Personnel Paygrades: E3-E8  
CDP: 19JP  
NR Ind: A  
Legacy NEC Code:  
ECM: BUPERS-32

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

LXXX - MEDICAL COMMUNITY & CAREER FIELD  
L00A - Search and Rescue Medical Technician
Performs aircrew and Advanced Life Support (ALS) En Route Care (ERC) functions in support of Search and Rescue (SAR), tactical evacuation, air ambulance and combat SAR from rotary and fixed wing aircraft. Provides ERC of routine illness and emergent patients in-flight, from ship to ship and ship to shore patient movement. Required knowledge, skill and ability to provide ALS medications, Pre-Hospital Trauma Life Support, Tactical Combat Casualty Care, Advanced Cardiac Life Support, Basic Life Support, use of emergency medical equipment, rescue and recovery devices, patient handling and aeromedical/patient movement techniques.

Source Rating: HM  
Billet Paygrades: E3-E7  
Course: Mandatory  
CIN: C-050-1500  
B-305-1100  
A-2D-4635  
D-050-3110  
Sequence Code: 4  
ESTB Date: 7/23/19  
REV Date:  
Component NEC: 802A  
Related NEC:  
Primary Advisor: BUMED M00C5  
Technical Advisor: NMETLS, CNAF  
Personnel Paygrades: E3-E7  
CDP: 806E  
13T1  
07VH, 06T8  
04Y5  
NR Ind: R  
Legacy NEC Code: 8401  
ECM: BUPERS-32

NOTES:
1. NEC code is awarded upon successful completion of the following courses:
   a) Naval Aircrew Candidate School
   b) Flight Medic Course
   c) Survival, Evasion, Resistance and Escape
   d) SAR Medical Technician Fleet Replacement Aircrewman
2. Applicants must meet medical, fitness and security requirements as prescribed in MILPERSMAN 1220-010 Aircrew Program.
3. Final qualification of Naval Aircrew Warfare Specialist (NAWS) designation is not a prerequisite for NEC code awarding; however, NAWS designation is a requirement for retention of the NEC code.
L01A - Submarine Force Independent Duty Corpsman
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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: B-300-0001  
B-300-0005  
ESTB Date:  
REV Date:  
NR Ind:  
Legacy NEC Code:  
Related NEC:  
Technical Advisor: NMETC  
ECM: BUPERS-32

Notes:
1. Although NEC L05A is not listed as a component NEC, personnel disqualified for submarines may at the discretion of the Enlisted Community Manager (ECM) be recoded to L05A.
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).

L02A - Fleet Marine Force Reconnaissance Independent Duty Corpsman
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 guerrilla 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: L03A  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E4-E9  
Personnel Paygrades: E3-E9  
CIN: B-300-2413  
CDP: 10M0  
ESTB Date:  
REV Date: 1/24/20  
NR Ind:  
Legacy NEC Code: 8403  
Related NEC:  
Technical Advisor: NMETC  
ECM: BUPERS-32

Notes:
1. Personnel who have completed the Joint Special Operations Medical Sergeants Course (SOMED 011-18-D30) after 1 January 1991 may be awarded NEC code L02A.
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.
L03A - Field Medical Service Technician
Provides technical and administrative assistance to support the mission and functions of the Navy and Marine Corps field units. Maintains organizational level AMALs and ADALs. 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/combattants. 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: Related NEC:
Primary Advisor: BUMED M00C5
Technical Advisor: TECOM

L04A - 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: Related NEC:
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC

L05A - 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
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC

L06A - 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
Sequence Code: 4
Component NEC: Related NEC:
Primary Advisor: BUMED M00C5
Technical Advisor: NMETC

NOTE: NEC code may be assigned to inactive duty Naval Reservist who: 1) have successfully completed a BUMED-recognized training program and or is certified by the National Registry for Cardiovascular Technologists, and 2) is a cardiovascular technologist/technician with documented current clinical competency.

L07A - 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. Operates and maintains training devices specific 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
Sequence Code: 4
Component NEC: 805A
Primary Advisor: BUMED M00C5
Technical Advisor: NMETLC

NOTES:
1. Member must be qualified as a 2nd class swimmer.
2. Member must be qualified as a High Risk Instructor.
**L08A - 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.

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**L09A - 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.

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**L10A - Surface Force Independent Duty Corpsman**
Serves as the Medical Department Representative (MDR) aboard surface ships, with the units of the Fleet Marine Force, and at various isolated duty stations ashore independent of a medical officer. Performs patient care and associated shipboard administrative and logistical duties. Performs diagnostic procedures, advanced first aid, basic life support, nursing procedures, minor surgery, basic clinical laboratory procedures, and other routine and emergency health care. Conducts and direct preventive medicine and industrial health surveillance programs. Provides for health education to junior medical and all nonmedical personnel. Perform all patient care and medical management functions set forth in Chapter 9, Manual of the Medical Department. Administers the Radiation Health Program as necessary. Senior personnel assigned to shore and operational staffs provide medical assistance, training, and inspection services to operational forces and component units. Additionally, when assigned ashore, they serve primarily as nonphysician health care providers at fixed medical treatment facilities (MTFs).

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NOTE: Must continuously maintain Independent Duty Corpsman certifications to retain NEC. Recommendations for removal of NEC will be made by the Commanding Officer based on evaluation of the member’s operational proficiency and professional performance in accordance with the provisions of OPNAVINST 6400.1 (series). Send NAVPERS 1221/6 to PERS-4013D2 via the ECM (BUPERS-32).
L11A - 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: L03A  Primary Advisor: BUMED M00C5
Billet Paygrades: E3-E6  CIN: B-300-0011  ESTB Date:  REV Date: 3/1/18  Technical Advisor: NMETC

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 Airborne School; 4) USMC Special Amphibious Reconnaissance Corpsman Diving Medicine; 5) USMC Combatant 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.

L12A - 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, portable 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  Technical Advisor: NMETC
Billet Paygrades: E3-E8  CIN: B-322-0012  ESTB Date:  REV Date: 3/1/18  Technical Advisor: NMETC

L13A - 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  CIN: B-311-0123  ESTB Date:  REV Date: 3/1/18  Technical Advisor: NMETC
L14A - 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.

<table>
<thead>
<tr>
<th>Source Rating: HM</th>
<th>Billet Paygrades: E4-E5</th>
<th>Personnel Paygrades: E3-E6</th>
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</thead>
<tbody>
<tr>
<td>Course: OJT</td>
<td>CIN:</td>
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<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: 5/9/11 REV Date: 3/1/18</td>
<td>NR Ind: N</td>
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<td>ECM: BUPERS-327</td>
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</table>

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
   a. 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 L23A are eligible for this NEC code.

L15A - 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>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
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<td>Sequence Code: 5</td>
<td>ESTB Date: 8/12/14 REV Date: 3/1/18</td>
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<td>Primary Advisor:</td>
<td>Technical Advisor: NMETC</td>
<td>ECM: BUPERS-32</td>
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</table>

NOTE: NEC code may be awarded to Advanced X-ray Technicians (L17A) 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.

L16A - 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>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E4-E7</th>
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<td>Sequence Code: 5</td>
<td>ESTB Date: 7/17/14 REV Date: 3/1/18</td>
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</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 (L17A) 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 L17A are eligible for this NEC code.
L17A - 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 photodensitometric duties.

Source Rating: HM  
Course: Mandatory  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: B-313-0226  
CDP: 07LN, 07LT, 07LU  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
B-313-0126  
06Z8  
Sequence Code: 3  
ESTB Date: REV Date: 3/1/18  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code: 8452  
Primary Advisor: BUMED M00C5  
Technical Advisor: NMETC  
ECM: BUPERS-32

NOTE: NEC code may be assigned to inactive duty Naval Reservist who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the American Registry of Radiologic Technologists, and 2) is radiographer with documented current clinical competency.

L18A - Electroneurodiagnostic Technologist

Source Rating: HM  
Course: Mandatory  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: B-300-0043  
CDP: 07LB  
Sequence Code: 4  
ESTB Date: REV Date: 3/1/18  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code: 8454  
Primary Advisor: BUMED M00C5  
Technical Advisor: NMETC  
ECM: BUPERS-32

NOTE: NEC code may be assigned to inactive duty Naval Reservist who: 1) has successfully completed a BUMED-recognized training program and/or is certified by the American Board of Registration of EEG Technologist, and 2) is an EEG technologist with documented current clinical competency.

L19A - Optician
Performs all phases of fabrication of single vision and multifocal spectacles from prescriptions. Marks, cuts, edges, and inserts single vision and multifocal lenses into appropriate frames. Resurfaces, grinds, and polishes special single vision and multifocal lenses from ophthalmic lens blanks. Measures, orders, verifies, and dispenses spectacles. Provides spectacle repair and replacement service. Maintains and repairs optical laboratory equipment. Assists optometrists and medical officers in the treatment of patients with ocular disorders. Maintains and operates equipment used for diagnostic screening of ocular conditions. Senior opticians perform administrative and managerial duties in optometry and ophthalmology clinics.

Source Rating: HM  
Course: Mandatory  
Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8  
CIN: B-311-0023  
CDP: 3382  
Sequence Code: 4  
ESTB Date: REV Date: 3/1/18  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code: 8463  
Primary Advisor: BUMED M00C5  
Technical Advisor: NMETC  
ECM: BUPERS-32

NOTE: NEC code may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program, 2) is certified by the American Board of Opticianry, National Contact Lens Examiner, or Opticians Association of America, and 3) is an optician with documented current clinical competency.

L20A - Physical Therapy Technician
Assists a physical therapist and/or medical officer in administering physical therapy. Assists with the development, teaching and supervision of exercise programs and activities of daily living to enhance patient’s strength and ambulation skills. Teaches the use of ambulation aids and applies physical modalities of whirlpool, paraffin bath, ultrasound, diathermy, infrared, hot and cold therapy, and electrical stimulation.

Source Rating: HM  
Course: Mandatory  
Billet Paygrades: E3-E6  
Personnel Paygrades: E1-E6  
CIN: B-303-0150  
CDP: 07GU  
Sequence Code: 4  
ESTB Date: REV Date: 3/1/18  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code: 8466  
Primary Advisor: BUMED M00C5  
Technical Advisor: NMETC  
ECM: BUPERS-32

NOTE: NEC code may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the American Physical Therapy Association, and 2) is a physical therapy assistant with documented current clinical competency.
L21A - 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.

Source Rating: HM  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E5-E6  
Personnel Paygrades: E4-E6  
CIN: B-303-0152  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: BUMED  
ECM: BUPERS-32

L22A - 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: B-312-0025  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NMETC  
ECM: BUPERS-32

L23A - 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: B-301-0133  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NMETC  
ECM: BUPERS-32

NOTE: NEC code may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the Association of Surgical Technologists, and 2) is a surgical technologist with documented current clinical competency.

L24A - 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: B-302-0046  
ESTB Date: REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NMETC  
ECM: BUPERS-32

L25A - Urology Technician

Source Rating: HM  
Course: Mandatory  
Sequence Code: 4  
Component NEC: L23A  
Primary Advisor: BUMED M00C5  

Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
CIN: B-300-0025  
ESTB Date: 1/1/1970 REV Date: 3/1/18  
Related NEC:  
Technical Advisor: NMETC  
ECM: BUPERS-32

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L26A - 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:
Primary Advisor: BUMED M00C5

Billet Paygrades: E3-E6
CIN: B-300-0141
ESTB Date: REV Date: 3/1/18
Related NEC: Related NEC:
Technical Advisor: NMETC
Personnel Paygrades: E3-E6
CDP: 3573
NR Ind: R
Legacy NEC Code: 8493
ECM: BUPERS-32

L27A - Medical Deep Sea Diving Technician
Assists the Medical Officer in prevention and treatment of illnesses associated with Deep-Sea diving for hyperbaric and hypobaric conditions. Performs duties as Inside Tender for Recompression Chamber operations. Qualify to dive using all Air and Mixed-Gas USN Diving Apparatuses. Operates, test, repairs and adjusts all USN Diving Equipment, systems, support equipment and operate recompression chambers. Knowledgeable of underwater tools usage and procedures, perform underwater harbor/port/ship security inspections including ordnance searching ships husbandry, salvage, submarine rescue, Special Warfare and small boat operations. Operates Swimmer Delivery Vehicle Dry-Deck Shelter systems and Submarine Lock-in/Lock-out systems. Areas of knowledge and training includes but are not limited to diving physics; SCUBA and surface-supplied Air and Mixed- Gas diving procedures; and recognition and treatment of diving-related illnesses.

Source Rating: HM
Course: Mandatory
Sequence Code: 4
Component NEC: Component NEC:
Primary Advisor: BUMED M00C5, OPNAV (N97)

Billet Paygrades: E3-E6
CIN: A-433-0020
ESTB Date: REV Date: 11/21/18
Related NEC: Related NEC:
Technical Advisor: BUMED M9, NMETLC, NAVSEA 05H (HSI), NAVSEA 00C (SUPSALV)
Personnel Paygrades: E3-E6
CDP: 3365
NR Ind: R
Legacy NEC Code: 8493
ECM: BUPERS-32

NOTE: Technical Advisor for Navy Diving will certify that all personnel obtain the prerequisite training to maintain required diving qualifications necessary to perform their duties. Minimum diving qualifications to maintain this NEC code are determined by both primary advisors (BUMED M00C5 for medical and OPNAV (N97) for diving requirement) and delineated in the approved course of instruction. Specific diving requirements to maintain qualifications are noted in MILPERSMAN 1306-983.

L28A - 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: Component NEC:
Primary Advisor: BUMED M00C5

Billet Paygrades: E5-E9
CIN: B-300-0022
A-433-0020
ESTB Date: REV Date: 3/1/18
Related NEC: Related NEC:
Technical Advisor: NMETC
Personnel Paygrades: E5-E9
CDP: 05E9
3365
NR Ind: R
Legacy NEC Code: 8494
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.
**L29A - Mortician**
Performs medical/decedent affairs administrative and logistical duties in Navy and Marine Corps activities in accordance with appropriate regulations. Inspects and/or processes remains for transportation to the U.S., overseas locations or local burial. Ensures proper documentation accompanies remains. Conduct liaison with next of kin and foreign government officials for disposition of remains. Assists in recovery and identification of remains. Restores facial features to a normal appearance, disinfects and preserves by arterial and/or hypodermic injection of embalming chemicals. Conducts funeral services as required.

**Source Rating:** HM  
**Billet Paygrades:** E4-E7  
**Personnel Paygrades:** E3-E7  
**Course:**  
**Sequence Code:** 4  
**Component NEC:** BUMED M00C5  
**Primary Advisor:** BUMED M00C5  
**CIN:** ESTB Date: 3/1/18  
**REV Date:** 3/1/18  
**Related NEC:**  
**Technical Advisor:** NMETC  
**CDP:**  
**NR Ind:** R  
**Legacy NEC Code:** 8496  
**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.

**L30A - Histopathology Technician**
Assists the pathologist in the accessioning, preparation, processing, embedding, straining, and mounting of surgically and necropsy obtained tissue for pathological examination. Maintains histopathology records and instruments. Supervises the work of less skilled technicians.

**Source Rating:** HM  
**Billet Paygrades:** E4-E7  
**Personnel Paygrades:** E3-E7  
**Course:** Mandatory  
**Sequence Code:** 3  
**Component NEC:** BUMED M00C5  
**Primary Advisor:** BUMED M00C5  
**CIN:** ESTB Date: 3/1/18  
**REV Date:** 3/1/18  
**Related NEC:**  
**Technical Advisor:** NMETC  
**CDP:**  
**NR Ind:** R  
**Legacy NEC Code:** 8503  
**ECM:** BUPERS-32

**L31A - Medical Laboratory Technician**
Performs and supervises the performance of manual and automated advanced laboratory procedures for clinical bacteriology, mycology, serology, immunohematology, hematology, parasitology, chemistry, toxicology and urinalysis. Independently operates, maintains, and validates laboratory equipment and results involved in patient care.

**Source Rating:** HM  
**Billet Paygrades:** E3-E7  
**Personnel Paygrades:** E3-E7  
**Course:** Mandatory  
**Sequence Code:** 3  
**Component NEC:** L30A  
**Primary Advisor:** BUMED M00C5  
**CIN:** ESTB Date: 3/1/18  
**REV Date:** 3/1/18  
**Related NEC:**  
**Technical Advisor:** NMETC  
**CDP:**  
**NR Ind:** R  
**Legacy NEC Code:** 8506  
**ECM:** BUPERS-32

**NOTE:** NEC code may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized associates degree program, 2) is certified by the National Certification Agency for Medical Laboratory Personnel, and 3) is a medical laboratory technician with documented current clinical competency.

**L32A - Respiratory Therapist**
Assists medical officers in treating patients using controlled breathing apparatus that employ medical gases. Performs medical gas therapy, nebulization therapy, mechanical ventilation, and pulmonary function testing. Maintains and is knowledgeable of all safety precautions related to gas storage and handling. Performs minor repair and preventive maintenance on tracheotomy and endotracheal apparatus, ventilator, rubber goods, and electronic monitoring and resuscitation equipment.

**Source Rating:** HM  
**Billet Paygrades:** E3-E6  
**Personnel Paygrades:** E3-E6  
**Course:** Mandatory  
**Sequence Code:** 4  
**Component NEC:** BUMED M00C5  
**Primary Advisor:** BUMED M00C5  
**CIN:** ESTB Date: 3/1/18  
**REV Date:** 3/1/18  
**Related NEC:**  
**Technical Advisor:** NMETC  
**CDP:**  
**NR Ind:** R  
**Legacy NEC Code:** 8541  
**ECM:** BUPERS-32

**NOTE:** NEC code may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the National Board for Respiratory Care, and 2) is a respiratory therapist or a respiratory therapy technician with documented current clinical competency.
L33A - 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
Course: Mandatory
Sequence Code: 1
Component NEC: L33A
Primary Advisor: BUMED M00C5

Billet Paygrades: E3-E7
CIN: B-300-3300
ESTB Date: 3/1/18
Technical Advisor: NMETC
NR Ind: R
Legacy NEC Code: 8701
Billet Paygrades: E4-E8
CIN: B-330-0038
ESTB Date: 1/24/20
Technical Advisor: NMETC
NR Ind: R
Legacy NEC Code: 8708
Personnel Paygrades: E1-E7
CDP: 05JR
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 312M, 312L
REV Date: 1/24/20
NR Ind: R
Legacy NEC Code: 8708
Billet Paygrades: E6-E8
CIN: B-331-0016
ESTB Date: 3/1/18
Technical Advisor: NMETC
NR Ind: R
Legacy NEC Code: 8752
Personnel Paygrades: E3-E8
CDP: 06XV
Est Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 07LG
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 3314
ESTB Date: 3/1/18
Personnel Paygrades: E4-E7
CDP: 3314
ESTB Date: 3/1/18
ECM: BUPERS-32
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NOTE: NEC code may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program, 2) maintains current and unrestricted state/territorial licensure, and 3) is a dental hygienist with documented current clinical competency.

L35A - Dental Hygienist
The dental hygienist will have the knowledge and clinical competence required to provide current, comprehensive dental hygiene service under the direction and supervision of a dental officer. Dental hygiene includes but is not limited to: clinical infection control procedures; data gathering; exposing and processing radiographs; dental hygiene assessment/dental hygiene treatment planning; oral health education including health promotion, disease prevention, behavior modification and nutritional counseling; cleaning removable appliances and prostheses; polishing restorations; provision of therapeutic dental hygiene services including, but not limited to, periodontal scaling and root planning; application of pit and fissure sealants and anticariogenic agents (fluorides); application of chemotherapeutic agents; pain control and other patient services as identified by the dental officer; and evaluation of dental hygiene services.

Source Rating: HM
Course: Mandatory
Sequence Code: 3
Component NEC: L35A
Primary Advisor: BUMED M00C5

Billet Paygrades: E3-E6
CIN: B-331-0016
ESTB Date: 3/1/18
Technical Advisor: NMETC
NR Ind: R
Legacy NEC Code: 8752
Personnel Paygrades: E3-E6
CDP: 06XV
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 07LG
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 3314
ESTB Date: 3/1/18
Personnel Paygrades: E4-E7
CDP: 3314
ESTB Date: 3/1/18
ECM: BUPERS-32
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NOTE: NEC code may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the National Board for Certifying Dental Laboratory Technologists or Dental Assisting National Board, and 2) is a dental laboratory technician with documented current clinical competency.

L36A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: L36A
Primary Advisor: BUMED M00C5

Billet Paygrades: E3-E6
CIN: B-331-0017
ESTB Date: 3/1/18
Technical Advisor: NMETC
NR Ind: R
Legacy NEC Code: 8753
Personnel Paygrades: E3-E6
CDP: 07LG
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 07LG
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 3314
ESTB Date: 3/1/18
Personnel Paygrades: E4-E7
CDP: 3314
ESTB Date: 3/1/18
ECM: BUPERS-32
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L37A - 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
Course: Mandatory
Sequence Code: 3
Component NEC: L37A
Primary Advisor: BUMED M00C5

Billet Paygrades: E3-E8
CIN: B-331-0018
ESTB Date: 3/1/18
Technical Advisor: NMETC
NR Ind: R
Legacy NEC Code: 8765
Personnel Paygrades: E3-E8
CDP: 07LG
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 07LG
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 07LG
ESTB Date: 3/1/18
Personnel Paygrades: E3-E8
CDP: 07LG
ESTB Date: 3/1/18
ECM: BUPERS-32
ECM: BUPERS-32
ECM: BUPERS-32
ECM: BUPERS-32
ECM: BUPERS-32

NOTE: NEC code may be assigned to inactive duty Naval Reservists who: 1) have successfully completed a BUMED-recognized training program and/or is certified by the National Board for Certifying Dental Laboratory Technologists or Dental Assisting National Board, and 2) is a dental laboratory technician with documented current clinical competency.

L38A - 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: L38A
Primary Advisor: BUMED M00C5

Billet Paygrades: E5-E7
CIN: B-331-0018
ESTB Date: 3/1/18
Technical Advisor: NMETC
NR Ind: R
Legacy NEC Code: 8765
Personnel Paygrades: E4-E7
CDP: 3314
ESTB Date: 3/1/18
Personnel Paygrades: E4-E7
CDP: 3314
ESTB Date: 3/1/18
Personnel Paygrades: E4-E7
CDP: 3314
ESTB Date: 3/1/18
Personnel Paygrades: E4-E7
CDP: 3314
ESTB Date: 3/1/18
ECM: BUPERS-32
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91
L39A - 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, RS, SW
Billet Paygrades: E4-E9 Personnel Paygrades: E4-E9

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

Course: Mandatory CIN: B-302-0001 CDP: 050A
Sequence Code: 7 ESTB Date: 10/11/16 REV Date: 10/15/19 NR Ind: R
Component NEC: Related NEC: Legacy NEC Code: 8418
Primary Advisor: BUMED Technical Advisor: BUMED 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.

L40A - 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

Billet Paygrades: E5-E9 Personnel Paygrades: E4-E9

Course: OJT CIN:
Sequence Code: 7 ESTB Date: 10/11/16 REV Date: 10/15/19 NR Ind: R
Component NEC: L39A Related NEC:
Primary Advisor: BUMED Technical Advisor: BUMED

NOTES:
1. The optimal rating for this NEC code is HM; however, personnel in other ratings who are currently 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 code L39A, 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 code L39A required for ALL ratings.
**MXXX - SPECIAL OPERATIONS COMMUNITY & CAREER FIELD**

**MMDV - Master Diver**
Most qualified person to direct and supervise diving, salvage, ship repair operations and diving programs. Directly responsible to the Commanding Officer for all facets of command diving operations and programs, to include training, equipment, systems, personnel, operations. Develops, updates and oversees diving programs. Manages the development, operation, testing, repair and certification of all USN Diving Equipment, systems and support equipment. Directs the treatment of all diving related injuries, including recompression chamber operations, casualty control operations and mishap reporting procedures. Directs underwater inspections, harbor/port/ship security inspections, including ordnance searching, Ship/submarine repair, salvage, expeditionary salvage and littoral combat, rescue, special warfare operations, underwater cutting and welding, demolition operations and small boat operations. Directs and Supervises Swimmer Delivery Vehicle Dry-Deck Shelter systems, submarine Lock-in/Lock-out systems and submarine rescue chambers. Develops training programs and qualifies personnel in diving equipment, systems and procedures. Trained in advanced diving physics, medicine, differential diagnosis and saturation diving techniques. Directs and supervises surface and underwater demolition operations for salvage, ship husbandry, or underwater construction operations. Employs the principle and techniques of precision demolition in projects requiring cutting, flattening and/or removing of pilings, obsolete moorings, or other obstructions in channels, harbors, open oceans, or other areas of concern. Supervises the operation, maintenance, and certification of deep dive systems and equipment.

- **Source Rating:** ND
- **Billet Paygrades:** E8-E9
- **Personnel Paygrades:** E7-E9
- **Course:** Mandatory
- **Sequence Code:** I
- **ESTB Date:** 7/5/18
- **REV Date:** 7/5/18
- **CIN:** A-433-0019
- **NR Ind:** R
- **Component NEC:** M1DV
- **Related NEC:**
- **Technical Advisor:** OPNAV (N97)
- **Legacy NEC Code:** 5341
- **ECM:** BUPERS-32

NOTES:
1. Minimum 6 years experience in NEC code M1DV.
2. Minimum 2 years from date of frocking to E7.

**M00A - 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:** EOD
- **Billet Paygrades:** E3-E9
- **Personnel Paygrades:** E3-E9
- **Course:** Mandatory
- **Sequence Code:** 4
- **ESTB Date:** 1/10/20
- **REV Date:** 1/10/20
- **CIN:** A-431-0056
- **NR Ind:** A
- **Component NEC:**
- **Related NEC:**
- **Technical Advisor:** OPNAV (N96)
- **Legacy NEC Code:** 5309
- **ECM:** BUPERS-32

NOTES:
1. Awarded only to Naval Reserve personnel
2. Source Ratings are in accordance with MILPERSMAN 1220-100
3. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

**M01A - (EOD) Apprentice Diver (Student Status)**
Member is in an EOD training student status. Performs basic EOD related diving procedures, including bottom and hull searches, day or night, using SCUBA, surface supplied, and mixed or gas diving equipment. Tests, repairs, and adjusts scuba and associated underwater equipment. Understands diving physics and related principles and is capable of recognizing and assisting in the treatment of diving related injuries such as decompression sickness and other forms of barotrauma.

- **Source Rating:** EOD
- **Billet Paygrades:** E2-E5
- **Personnel Paygrades:** E2-E6
- **Course:** Mandatory
- **Sequence Code:** 4
- **ESTB Date:** 7/1/18
- **REV Date:** 7/1/18
- **CIN:** A-431-0083
- **NR Ind:** R
- **Component NEC:**
- **Related NEC:**
- **Technical Advisor:** OPNAV (N95)
- **Legacy NEC Code:** 5330
- **ECM:** BUPERS-32
**M02A - Basic EOD Technician**
Perform 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.

<table>
<thead>
<tr>
<th>Source Rating: EOD</th>
<th>Billet Paygrades: E4-E5</th>
<th>Personnel Paygrades: E3-E6</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-431-0133</td>
<td>CDP: 04TR</td>
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<tr>
<td>Sequence Code: 1</td>
<td>ESTB Date: REV Date: 9/24/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: M01A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 5333</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N95)</td>
<td>Technical Advisor: NAVSEA 05 (PMS-EOD)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

**M03A - Senior EOD Technician**
In addition to M02A skills, also performs, supervises and provides training in EOD operations.

<table>
<thead>
<tr>
<th>Source Rating: EOD</th>
<th>Billet Paygrades: E5-E6</th>
<th>Personnel Paygrades: E4-E6</th>
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<tbody>
<tr>
<td>Course:</td>
<td>CIN:</td>
<td>CDP:</td>
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<tr>
<td>Sequence Code: 1</td>
<td>ESTB Date: REV Date: 11/26/19</td>
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<tr>
<td>Component NEC: M02A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 5335</td>
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<tr>
<td>Primary Advisor: OPNAV (N95)</td>
<td>Technical Advisor: NAVSEA 05 (PMS-EOD)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Only graduates of Explosive Ordnance Disposal A School with NEC code M02A are eligible for this NEC code.
2. NEC Code may be awarded to personnel 24 months after permanent assignment to an EOD Unit.
3. Completion of Senior EOD Warfare Specialist (EWS) PQS (NAVEDTRA 43171-2 Series) and Senior EWS Screening Board is required to earn this NEC code.

**M04A - Master EOD Technician**
In addition to M03A also plans Explosive Ordnance Disposal (EOD) operations.

<table>
<thead>
<tr>
<th>Source Rating: EOD</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E5-E9</th>
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<td>Course:</td>
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<tr>
<td>Sequence Code: 1</td>
<td>ESTB Date: REV Date: 7/26/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: M03A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 5337</td>
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<tr>
<td>Primary Advisor: OPNAV (N95)</td>
<td>Technical Advisor: NAVSEA 05 (PMS-EOD)</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

**NOTES:**
1. Only personnel with NEC code M03A are eligible for this NEC code.
2. NEC code may be awarded to personnel 48 months after Senior EOD Warfare Specialist (EWS) qualification date.
3. NEC code M04A requires the completion of Master EWS PQS (NAVEDTRA 43171-3 Series) and Master EWS Screening Board.
M05A - 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.

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.

M06A - Ordnance Clearance Diver

Performs diving, demolition, ordnance location and identification, EOD detachment operational support, and staff and logistics support to EOD commands.

NOTES:
1. NEC code may be awarded to personnel who have previously earned either M01A, M02A, M03A, M04A, M05A, M06A, O20A, O23A, O26A, O29A or 757B NEC code 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 code M06A.
3. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

M1DV - Diver First Class

Qualified to dive and supervise using Air and Mixed Gas USN Diving Apparatus. Supervises the operation, tests, repairs and adjusts all USN Diving Equipment, systems and support equipment. Supervises recompression chambers operation, diagnoses and treats diving related injuries. Supervises underwater inspections, harbor/port/ship security inspections, including ordnance searching. Ship/submarine repair, salvage, expeditionary salvage and littoral combat, rescue, special warfare operations, underwater cutting and welding, demolition operations and small boat operations. Operates and Supervises Swimmer Delivery Vehicle Dry-Deck Shelter systems, submarine Lock-in/Lock-out systems and submarine rescue chambers. Trains USN, DOD military and other personnel in diving Procedures equipment and systems. Trained in advanced diving physics, medicine and saturation diving techniques. Dives and performs underwater demolition for the purpose of open ocean salvage, ship husbandry, or underwater construction operations. Employs the principle and techniques of precision demolition in projects requiring cutting, flattening and/or removing of pilings, obsolete moorings, or other obstructions in channels, harbors, open oceans, or other areas of concern. Operates, maintains, and supports saturation/deep dive systems and equipment.

NOTES:
1. Minimum 6 years experience in NEC code M2DV.
2. Last reviewed during “NAVMAC Periodicity Review” completed 7/5/18.
M2DV - 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.

<table>
<thead>
<tr>
<th>Source Rating: ND</th>
<th>Billet Paygrades: E4-E5</th>
<th>Personnel Paygrades: E3-E6</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-433-0022</td>
<td>CDP: 6418</td>
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<tr>
<td>Sequence Code: 1</td>
<td>ESTB Date: 7/5/18</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 5343</td>
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<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>ECM: BUPERS-32</td>
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<tr>
<td>OPNAV (N97)</td>
<td>NAVSEA 00C</td>
<td></td>
</tr>
</tbody>
</table>

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 7/5/18.

NXX - NUCLEAR COMMUNITY & CAREER FIELD

N13O - Submarine Nuclear Propulsion Plant Operator - Reactor Control
Operates and performs organizational level maintenance on reactor control systems for submarine nuclear propulsion plants.

<table>
<thead>
<tr>
<th>Source Rating: ETN</th>
<th>Billet Paygrades: E4-E6</th>
<th>Personnel Paygrades: E3-E9</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-661-0012</td>
<td>CDP: 1306, 203K</td>
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<tr>
<td>Sequence Code: 1</td>
<td>ESTB Date: 7/1/18</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC: N91T</td>
<td>Related NEC: N23O</td>
<td>Legacy NEC Code: 3353</td>
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<td>Primary Advisor:</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: OPNAV (N133D)</td>
</tr>
<tr>
<td>OPNAV (N97)</td>
<td>NAVSEA 00C</td>
<td></td>
</tr>
</tbody>
</table>

N13S - N16S - 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 four 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 code N1XS) 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 code N1XS 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 code N1XS who are transferred to a nuclear powered ship and assigned in a senior nuclear billet will retain NEC code N1XS for a maximum of six months. If the member has requalified on the applicable watchstations, NEC code N1XS may be retained. If the member has not requalified in six months, the Commanding Officer is directed to recommend a change in NEC codes N1XS to N1XO or removal of NEC code as appropriate (See OPNAVINST 1220.1 Series for guidance).
4. First Class Petty Officers with NEC N1XS attached to nuclear powered ships who are advanced to CPO will retain their NEC code 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 code N59X 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 codes N1XO or NEC N1XS 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 code change to N1XO as a step toward possible NEC code removal recommendation when personnel with N1XS are delinquent in requalification (See OPNAVINST 1220.1 Series of guidance).
6. Commanding Officers shall recommend NEC code N1XO in the case of those members with NEC code N1XS who are unable to maintain the necessary proficiency and leadership skills for supervisory positions should be considered for removal of their nuclear operator NEC code N1XO (See OPNAVINST 1220.1 Series of guidance).
7. Submit recommendations for change or removal of NEC code(s) for Enlisted Nuclear Propulsion Operators to the BUPERS (N13) who will resolve the NEC code change recommendation (See OPNAVINST 1220.1 Series for additional guidance).
N13S - Submarine Nuclear Propulsion Plant Supervisor - Reactor Control

Source Rating: ETN
Course: Sequence Code: 1
Component NEC: N130
Primary Advisor: OPNAV (N97)

Billet Paygrades: E5-E9
CIN: ESTB Date: REV Date: 7/1/18
Related NEC: N23S
Technical Advisor: NAVSEA 05

Personnel Paygrades: E5-E9
CIN: NR Ind: N
Legacy NEC Code: 3363
ECM: OPNAV (N133D)


N14O - 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: N91T
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E6
CIN: ESTB Date: REV Date: 7/1/18
Related NEC: N24O
Technical Advisor: NAVSEA 05

Personnel Paygrades: E5-E9
CIN: NR Ind: N
Legacy NEC Code: 3354
ECM: OPNAV (N133D)

NOTE: Specified Watchstations are: E-5/6 - Electrical Operator and Shutdown Reactor Operator; E-7/8/9 - Engineering Watch Supervisor.

N15O - 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: N91T
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E6
CIN: ESTB Date: REV Date: 7/1/18
Related NEC: N25O
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-E9
CIN: NR Ind: N
Legacy NEC Code: 3355
ECM: OPNAV (N133D)

N15S - Submarine Nuclear Propulsion Plant Supervisor - Mechanical

Source Rating: MMN
Course: Mandatory
Sequence Code: 1
Component NEC: N15O
Primary Advisor: OPNAV (N97)

Billet Paygrades: E5-E9
CIN: ESTB Date: REV Date: 7/1/18
Related NEC: N25S
Technical Advisor: NAVSEA 05

Personnel Paygrades: E5-E9
CIN: NR Ind: N
Legacy NEC Code: 3365
ECM: OPNAV (N133D)

NOTE: Specified Watchstations are: E-5/6 - Engine Room Supervisor and Shutdown Roving Watch; E-7/8/9 - Engineering Watch Supervisor.

N16O - 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: N15O
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E6
CIN: ESTB Date: REV Date: 7/1/18
Related NEC: N25O, N26O
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-E9
CIN: NR Ind: N
Legacy NEC Code: 3356
ECM: OPNAV (N133D)
N16S - Submarine Nuclear Propulsion Plant Supervisor - Engineering Laboratory Technician

Source Rating: MMN  
Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9

Course:  
Sequence Code: 1  
Component NEC: N16O  
Primary Advisor: OPNAV (N97)

CIN:  
ESTB Date:  
REV Date: 7/1/18  
Related NEC: N26S  
Technical Advisor: NAVSEA 05

NR Ind: N  
Legacy NEC Code: 3366  
ECM: OPNAV (N133D)

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

N23O - 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  
Sequence Code: 1  
Component NEC: N91T  
Primary Advisor: OPNAV (N96)

CIN: A-661-0012  
ESTB Date:  
REV Date: 7/1/18  
Related NEC: N13O  
Technical Advisor: NAVSEA 05

NR Ind: N  
Legacy NEC Code: 3383  
ECM: OPNAV (N133D)


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 four 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 code N2XS) 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 and serving at these commands may continue to be eligible for NEC code N2XS 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 code N2XS who are transferred to a nuclear powered ship and assigned in a senior nuclear billet will retain NEC code N2XS for a maximum of six months. If the member has requalified on the applicable watchstations NEC code N2XS may be retained. If the member has not requalified in six months, the Commanding Officer is directed to recommend a change in NEC codes N2XS to N2XO or removal of NEC code as appropriate (See OPNAVINST 1220.1 for guidance).

4. First Class Petty Officers with NEC code N2XS attached to nuclear powered ships who are advanced to CPO will retain their NEC code 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 code N89X 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 codes N2XO or N2XS 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 code N2XS to N2XO as a step toward possible NEC code removal recommendation when personnel with NEC code N2XS are delinquent in requalification (See OPNAVINST 1220.1 Series for guidance).

6. Commanding Officers shall recommend NEC code N2XS in the case of those members with NEC code N2XS who are unable to maintain the necessary proficiency and leadership skills for continued assignment in senior nuclear power supervisory positions but who are still considered satisfactory nuclear propulsion plant operators. Those personnel who are unable to regain the necessary proficiency and leadership skills for supervisory positions should be considered for removal of their nuclear operator NEC code N2XO (See OPNAVINST 1220.1 Series for guidance).

7. Submit recommendation for change or removal of NEC code(s) for Enlisted Nuclear Propulsion Operators to the Chief of Naval Operations (N13) who will resolve the NEC code change recommendation (See OPNAVINST 1220.1 Series for additional guidance).

N23S - Surface Ship Nuclear Propulsion Plant Supervisor - Reactor Control

Source Rating: ETN  
Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9

Course:  
Sequence Code: 1  
Component NEC: N23O  
Primary Advisor: OPNAV (N96)

CIN:  
ESTB Date:  
REV Date: 7/1/18  
Related NEC: N13S  
Technical Advisor: NAVSEA 05

NR Ind: N  
Legacy NEC Code: 3393  
ECM: OPNAV (N133D)

N24O - 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
Course: Mandatory
Sequence Code: 1
Component NEC: N91T
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E6
Personnel Paygrades: E3-E9
CIN: A-661-0013
CDP: 1312, 203L
ESTB Date: REV Date: 7/1/18
Related NEC: N14O
NR Ind: N
Legacy NEC Code: 3384
Technical Advisor: NAVSEA 05
ECM: OPNAV (N133D)

N24S - Surface Ship Nuclear Propulsion Plant Supervisor - Electrical

Source Rating: EMN
Course: Mandatory
Sequence Code: 1
Component NEC: N24O
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E9
Personnel Paygrades: E3-E9
CIN:
CDP:
ESTB Date: REV Date: 7/1/18
Related NEC: N14S
NR Ind: N
Legacy NEC Code: 3394
Technical Advisor: NAVSEA 05
ECM: OPNAV (N133D)

NOTE: Specified watchstations are; E5/6: Electrical Operator and Shutdown Reactor Operator; E7/8/9: Engineering Watch Supervisor or Propulsion Plant Watch Supervisor.

N25O - 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
Course: Mandatory
Sequence Code: 1
Component NEC: N91T
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E6
Personnel Paygrades: E3-E9
CIN: A-661-0014
CDP: 1318, 203M
ESTB Date: REV Date: 7/1/18
Related NEC: N51Z, N15O
NR Ind: N
Legacy NEC Code: 3385
Technical Advisor: NAVSEA 05
ECM: OPNAV (N133D)

N25S - Surface Ship Nuclear Propulsion Plant Supervisor - Mechanical

Source Rating: MMN
Course: Mandatory
Sequence Code: 1
Component NEC: N25O
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E9
Personnel Paygrades: E3-E9
CIN:
CDP:
ESTB Date: REV Date: 7/1/18
Related NEC: N15S
NR Ind: N
Legacy NEC Code: 3395
Technical Advisor: NAVSEA 05
ECM: OPNAV (N133D)

NOTE: Specified Watchstations are: E5/6: Chief Reactor Watch and Shutdown Roving Watch or Chief Machinery Operator and Shutdown Roving Watch on CVNs; E7/8/9: Engineering Watch Supervisor or Propulsion Plant Watch Supervisor.

N26O - 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: N25O
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E6
Personnel Paygrades: E3-E9
CIN: A-661-0015
CDP: 1324, 203N
ESTB Date: REV Date: 7/1/18
Related NEC: N16O
NR Ind: N
Legacy NEC Code: 3386
Technical Advisor: NAVSEA 05
ECM: OPNAV (N133D)

N26S - Surface Ship Nuclear Propulsion Plant Supervisor - Engineering Laboratory Technician

Source Rating: MMN
Course: Mandatory
Sequence Code: 1
Component NEC: N26O
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E9
Personnel Paygrades: E5-E9
CIN:
CDP:
ESTB Date: REV Date: 7/1/18
Related NEC: N16S
NR Ind: N
Legacy NEC Code: 3396
Technical Advisor: NAVSEA 05
ECM: OPNAV (N133D)

NOTE: Specified watchstations are: E5/6: Engineering Laboratory Technician and the following: Chief Reactor Watch or Chief Machinery Operator and Shutdown Roving Watch on all CVNs; E7/8/9: Engineering Watch Supervisor or Propulsion Plant Watch Supervisor.
N30Z - Nuclear Leading Chief Petty Officer (LCPO)
Responsible for the oversight of nuclear operations, maintenance, and nuclear trained personnel onboard submarines and aircraft carriers. Directs and reviews all levels of nuclear operations and maintenance; and manages the training, qualifications, proficiency, and professional development of all nuclear trained personnel assigned.

Source Rating: EMN, ETN, MMN  
Course: Mandatory  
Sequence Code: 2  
Component NEC:  
Primary Advisor: OPNAV (N133D)

Billet Paygrades: E7  
Personnel Paygrades: E7-E9  
CIN: A-661-0030  
ESTB Date: 11/21/17  
REV Date: 9/20/18  
Related NEC:  
Technical Advisor: NAVSEA  
Legacy NEC Code:  
ECM: OPNAV (N133D)

Notes:
1. Must be at least a frocked E-7.
2. Secret clearance required.
3. Must hold a N1XS/N2XS supervisory NEC code.
4. NEC code will be removed upon award of NEC code N31Z or N32Z.

N31Z - 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: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N97)

Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
CIN: A-661-0030  
ESTB Date: 11/21/17  
REV Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVSEA 08  
Legacy NEC Code: 3301  
ECM: OPNAV (N133D)

Notes:
1. NEC code awarded via completion of approved qualification process administered by USE and NAE with final screening and approval by Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Program Manager (OPNAV (N133D)).

N32Z - 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: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N97)

Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
CIN: A-661-0030  
ESTB Date: 11/21/17  
REV Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVSEA 08  
Legacy NEC Code: 3302  
ECM: OPNAV (N133D)

Notes:
1. NEC code awarded via completion of approved qualification process administered by USE and NAE with final screening and approval by Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Program Manager (OPNAV (N133D)).
2. Personnel must hold N13S, N14S, N15S, and N16S.

N41Z - SSN 774 Integrated Low Pressure Electrolyzer Equipment Technician
Operates and performs organizational level maintenance on the Integrated Low Pressure Electrolyzer and associated equipment.

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

Billet Paygrades: E5-E6  
Personnel Paygrades: E4-E7  
CIN: A-623-0132  
ESTB Date: 7/1/18  
Related NEC: N53Z, 766A, 752B  
Technical Advisor: NAVSEA 05  
Legacy NEC Code: 4641  
ECM: BUPERS-32
N51Z - Submarine Nuclear Propulsion Plant Emergency Welder
Performs emergency weld repairs on propulsion plant piping and components.

Source Rating: MMN  Billet Paygrades: E3-E6  Personnel Paygrades: E3-E6
Course: Mandatory  CIN: A-701-0015  CDP: 1303
Sequence Code: 5  ESTB Date: 7/1/18  REV Date: 7/1/18  NR Ind: N
Component NEC:  Related NEC:  Legacy NEC Code: 3351
Primary Advisor: OPNAV (N97)  Technical Advisor: NAVSEA 05  ECM: OPNAV (N133D)

NOTE: NEC code is assigned to personnel holding PNECs N15O, N15S and N59X only.

N53Z - Low Pressure Electrolyzer (LPE) Maintainer
Performs required electrical maintenance on the Low Pressure Electrolyzer onboard submarines.

Source Rating: EMN  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E9
Course: Mandatory  CIN: A-623-0050  CDP: 06A5, 06A6
Sequence Code: 4  ESTB Date: 7/1/18  REV Date: 7/1/18  NR Ind: N
Component NEC:  Related NEC: N41Z, 752B  Legacy NEC Code: 4653
Primary Advisor: OPNAV (N97)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

N59X - Submarine Nuclear Propulsion Plant Operator - Special Category
Submarine nuclear propulsion operator assigned to duties not associated with the supervision, operation or maintenance of naval nuclear propulsion plants.

Source Rating: EMN, ETN, MMN  Billet Paygrades: E4-E9  Personnel Paygrades: E3-E9
Course:  CIN:  CDP:
Sequence Code: 1  ESTB Date: 9/20/18  REV Date: 7/1/18  NR Ind: N
Component NEC: N13O or N14O or N15O or N16O or N13S or N14S or N15S or N16S or N89X, N23S, N24S, N25S, N26S  Legacy NEC Code: 3359
Primary Advisor: OPNAV (N97)  Technical Advisor: NAVSEA 05  ECM: OPNAV (N133D)

NOTES: Previously qualified for any N1XO/N1XS NEC codes but not currently assigned to a nuclear propulsion plant billet associated with the supervision, operation, and maintenance of a nuclear propulsion plant. NEC code assignment determined by Chief of Naval Operations (N13). NAVMILPERSCOM INSTRUCTION 1540.1 Series and OPNAVINST 1220.1 Series (NOTAL) apply.

N71Z - 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: 7/1/18  NR Ind: N
Component NEC:  Related NEC:  Legacy NEC Code: 3371
Primary Advisor: OPNAV (N133D)  Technical Advisor: NAVSEA 05  ECM: OPNAV (N133D)

NOTES:
1. Must be nuclear qualified.
2. NEC Code not applicable to submarine Sailors.
3. Must have completed 5-day hands-on training at Bechtel Plant Machinery Incorporated (BPMI) or authorized equivalent (e.g., General Dynamics Electric Boat) and one of the following:
   a. DoN-approved military trainer or DoN-approved industry training lasting 80 hours or more.
   b. DoD-approved commercial or industry A+, Network Plus, or Security Plus Certification.
   c. DoN-approved Cyber Information Technology (IT)/Cyber Security Work Force (CSWF) related college degree.
4. NEC code will be awarded through Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Community Manager (N133D).
N72Z - 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: 7/1/18  NR Ind: N
Component NEC: N71Z  Related NEC: Legacy NEC Code: 3372
Primary Advisor: OPNAV (N133D)  Technical Advisor: NAVSEA  ECM: OPNAV (N133D)

NOTES:
1. Must be nuclear qualified.
2. Must meet the requirements for the PPLAN Administrator NEC code and 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).

N73Z - Nuclear Propulsion Plant Maintenance Supervisor - Electronics
Supervises organizational and depot level maintenance on reactor control systems for Naval nuclear propulsion plants.

Source Rating: ETN  Billet Paygrades: E4-E9  Personnel Paygrades: E3-E9
Course: Mandatory  CIN: F-191-0010  CDP: 031K, 042D, 07SN, 355T
Sequence Code: 5  ESTB Date: REV Date: 7/1/18  NR Ind: N
Component NEC: Related NEC: Legacy NEC Code: 3373
Primary Advisor: OPNAV (N96/N97)  Technical Advisor: NAVSEA 05  ECM: OPNAV (N133D)

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

N76Z - Nuclear Propulsion Plant Maintenance Supervisor - Radiological Controls
Supervises organizational and depot level radiological maintenance on Naval Nuclear Propulsion Plants and in nuclear capable repair activities.

Source Rating: EMN, ETN, MMN  Billet Paygrades: E5-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: S-661-1030  CDP: 322J
Sequence Code: 5  ESTB Date: REV Date: 9/20/18  NR Ind: N
Component NEC: Related NEC: Legacy NEC Code: 3376
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: OPNAV (N133D)

NOTE: Must be assigned NEC codes N1XO, N1XS, N2XO or N2XS and must be a graduate of radiological Controls Technician Qualification School (RCTQS) to qualify for this NEC code.

N77Z - Nuclear Propulsion Plant Planner
Researches and writes organizational level nuclear propulsion plant maintenance procedures.

Source Rating: EMN, ETN, MMN  Billet Paygrades: E5-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: S-661-1022  CDP: 925Y
Sequence Code: 5  ESTB Date: REV Date: 9/20/18  NR Ind: N
Component NEC: Related NEC: Legacy NEC Code: 3377
Primary Advisor: OPNAV (N97)  Technical Advisor: NAVSEA 05  ECM: OPNAV (N133D)

NOTES:
1. Must be assigned a N1XS or N2XS NEC code and be a graduate of the IMA Nuclear Planner course.
2. Members assigned a N1XS or N2XS NEC code and who are not an IMA Nuclear Planner course graduate may request assignment of NEC code N77Z after completing 12 months OJT in the Nuclear Planning Division of Nuclear IMA.
**N89X - Surface Ship Nuclear Propulsion Plant Operator - Special Category**

Surface ship nuclear propulsion operator assigned to duties not associated with the supervision, operation, or maintenance of a naval nuclear propulsion plant.

- **Source Rating:** EMN, ETN, MMN
- **Billet Paygrades:** E4-E9
- **Personnel Paygrades:** E3-E9
- **Course:** Mandatory
- **Sequence Code:** 1
- **ESTB Date:** 9/20/18
- **REV Date:** 9/20/18
- **Primary Advisor:** OPNAV (N96)
- **Technical Advisor:** NAVSEA 05
- **CIN:** A-661-8888
- **Legacy NEC Code:** 3389
- **ECM:** OPNAV (N13)

**NOTE:** Previously qualified for any N2XO/N2XS NEC codes but not currently assigned to a nuclear propulsion plant billet associated with the supervision, operation and maintenance of a nuclear propulsion plant. NEC code assignment is determined by the Chief of Naval Operations (N13). NAVMILPERSCOMINST 1540.1 Series and OPNAVINST 1220.1 Series apply.

**N91T - Nuclear Propulsion Plant Operator Trainee**

- **Source Rating:** SO
- **Billet Paygrades:** E3-E9
- **Personnel Paygrades:** E1-E9
- **Course:** Mandatory
- **Sequence Code:** 1
- **ESTB Date:** 7/1/18
- **REV Date:** 7/1/18
- **Related NEC:**
- **Primary Advisor:** OPNAV (N97)
- **Technical Advisor:** Pers-403F
- **CIN:** K-431-0129
- **Related NEC:**
- **Legacy NEC Code:** 5319
- **ECM:** BUPERS-32

**NOTE:** Identifies personnel recruited or who have otherwise volunteered for nuclear propulsion training. BUPERSINST 1306.78 Series applies.

**OXXX - SPECIAL WARFARE COMMUNITY & CAREER FIELD**

**O19A - O29A - Special Warfare Combatant Swimmers**

**NOTES:**
1. Assignment of NEC codes O23A and O26A 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 OXXX will be made solely by a Special Warfare Team Commanding Officer based on an evaluation of an individual's operational proficiency and professional performance.
3. SEAL and SDV mission information is contained in the appropriate naval warfare publications, or may be made available on a need-to-know basis from OPNAV (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 O23A or O26A.

**O19A - 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
- **Billet Paygrades:** E3-E9
- **Personnel Paygrades:** E3-E9
- **Course:** Mandatory
- **Sequence Code:** 3
- **ESTB Date:** 2/22/16
- **REV Date:** 7/1/18
- **Related NEC:**
- **Primary Advisor:** SPECWARCOM
- **Technical Advisor:** SPECWARDEVGRU
- **CIN:** K-431-0129
- **Related NEC:**
- **Legacy NEC Code:** 5319
- **ECM:** BUPERS-32

**NOTE:** Personnel will retain previously earned Component NEC O26A upon being awarded NEC code O19A.

**O20A - 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:** SO
- **Billet Paygrades:** E3-E5
- **Personnel Paygrades:** E2-E5
- **Course:** Mandatory
- **Sequence Code:** 4
- **ESTB Date:** 7/1/18
- **REV Date:** 7/1/18
- **Related NEC:**
- **Primary Advisor:** COMNAVSPCWARCOM
- **Technical Advisor:** CENSEALSWCC
- **CIN:** K-431-0024
- **Related NEC:**
- **Legacy NEC Code:** 5320
- **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.
O22A - Advanced Special Operations Techniques (ASOT)

Plans, coordinates, executes and oversees the employment of sensitive tactics, techniques and procedures which reduce risk in support of special operations conducted in permissive, uncertain, hostile, denied or politically sensitive environments.

Source Rating: SB, SO  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: NSWC

Billet Paygrades: E5-E8  
Personnel Paygrades: E5-E9  
CIN: S-431-0027  
ESTB Date: 7/23/19  
Related NEC:  
Technical Advisor: NSWG TEN

NOTE: Must possess a Secret security clearance.

O22Q - Advanced Special Operations Techniques (ASOT) Manager

Provides operational oversight and guidance to Special Operations Forces (SOF) operators under their assigned level of command in the deployment of sensitive tactics, techniques and procedures in support of special operations conducted in permissive, uncertain, hostile, denied or politically sensitive environments. Plans, coordinates and manages resources necessary to support SOF sensitive activities. Serves as the Commander’s principal advisor for the employment of ASOT, force management of ASOT-qualified personnel and training for the command’s ASOT program. Develops unit-level policies, directives and instructions related to ASOT, and produces supporting documents to strategic, operational and tactical plans.

Source Rating: SB, SO  
Course: Mandatory  
Sequence Code: 3  
Component NEC: O22A  
Primary Advisor: NSWC

Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
CIN: J-011-2740  
ESTB Date: 7/23/19  
Related NEC:  
Technical Advisor: NSWG TEN

NOTE: Must possess a Top Secret/Sensitive Compartmented Information security clearance.

O23A - 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 use of all types of SCUBA.

Source Rating: SO  
Course: Mandatory  
Sequence Code: 2  
Component NEC: O26A  
Primary Advisor: COMNAVSPECWARCOM

Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: K-431-0040  
ESTB Date: 7/1/18  
Related NEC:  
Technical Advisor: CENSEALSWCC

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 O23A.

O26A - 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: O20A  
Primary Advisor: COMNAVSPECWARCOM

Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: K-431-0039  
ESTB Date: 7/1/18  
Related NEC:  
Technical Advisor: CENSEALSWCC

NOTES:
1. MILPERSMAN 1220-410 addresses Physical Screening Testing Standards and Procedures.
2. Rating designation is awarded upon completion of SO “A” School training pipeline as described in MILPERSMAN 1220-300.
3. Conversions will be conducted per MILPERSMAN 1220-300, 1440-010, and 1440-060. Approval to attend SO “A” School will be based on the needs of the SO community as determined by BUPERS-324.
**O29A - 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).

<table>
<thead>
<tr>
<th>Source Rating: SO</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E5-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course:</td>
<td>CIN:</td>
<td>CDP:</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 7/31/13  REV Date: 9/24/18</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 5329</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor: SPECWARDEVGRU</td>
<td>ECM: BUPERS-32</td>
</tr>
<tr>
<td>SPECWAR</td>
<td>SPECWARDEVGRU</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
1. Top Secret security clearance required.
2. Member must maintain current dive, jump and demolition qualifications.

**O50A - 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.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E2-E5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course:</td>
<td>CIN:</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 7/1/18</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 5350</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor: CENSEALSWCC</td>
<td>ECM: BUPERS-32</td>
</tr>
<tr>
<td>COMNAVSPECWARCOM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** MILPERSMAN 1220-400 addresses Naval Special Warfare Crewmember certification and waiver requirements.

**O52A - 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.

<table>
<thead>
<tr>
<th>Source Rating: SB</th>
<th>Billet Paygrades: E4-E9</th>
<th>Personnel Paygrades: E2-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: K-060-0032</td>
<td>CDP: 966W</td>
</tr>
<tr>
<td>Sequence Code: 2</td>
<td>ESTB Date: 7/1/18</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC: O50A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 5352</td>
</tr>
<tr>
<td>Primary Advisor: COMNAVSPECWARCOM</td>
<td>Technical Advisor: CENSEALSWCC</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTES:**
1. MILPERSMAN 1220-400 addresses Naval Special Warfare Crewmember certification and waiver requirements.
2. MILPERSMAN 1220-410 addresses Physical Screening Testing Standards and Procedures.
3. Rating designation and NEC code is awarded upon completion of SB “A” School training pipeline as described in MILPERSMAN 1220-400.
4. 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.
5. NEC code is awardable to SELRES enlisted personnel provided they meet the requirements for the O52A NEC as per MILPERSMAN 1220-400.

**O91A - 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.

<table>
<thead>
<tr>
<th>Source Rating: SB, SO</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: K-431-7001</td>
<td>CDP: 10Y4</td>
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<td>Sequence Code: 3</td>
<td>ESTB Date: 4/13/16 REV Date: 7/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC: O92A</td>
<td>Legacy NEC Code: 5391</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor: SPECWARCOM</td>
<td>ECM: BUPERS-32</td>
</tr>
<tr>
<td>SPECWARCOM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
O92A - 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 O92A 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 O92A may be assigned to SEAL and SWCC Navy Reservists who have completed the mandatory training courses and maintain a USSOCOM SO-ATP certification.

PXXX - SECURITY COMMUNITY & CAREER FIELD

P01A - 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: Mandatory  
Sequence Code: 3  
Component NEC: 804A  
Primary Advisor: USFF

NOTE: NEC code awarded based on Commanding Officer’s recommendation following the verification of completing prerequisite CINs.

P02A - 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:  
Primary Advisor: NCIS HQ CODE 23

NOTES:
1. NEC code awarded to Naval Reservists after completion of the 85 hour Army Military Investigator Correspondence Course (191-M17).
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.
P03A - Harbor Security Patrol Leader

Source Rating: MA  
Course: OJT, PQS  
Sequence Code: 3  
Component NEC: P04A  
Primary Advisor: USFF  

Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
CIN:  
ESTB Date: 10/21/14  
REV Date: 3/19/19  
Related NEC:  
Technical Advisor: USFF  
Legacy NEC Code: 2003  
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 code will be awarded based on Commanding Officer’s recommendation following the completion of CIN: A-062-0049 (Harbor Security Boat Training Supervisor) and OJT/PQS completion.
3. Last reviewed during “NAVMAC Periodicity Review” completed 3/19/19.

P04A - 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: Mandatory  
Sequence Code: 7  
Component NEC: 853A  
Primary Advisor: USFF  

Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
CIN: A-062-0049  
ESTB Date: 10/24/14  
REV Date: 5/8/19  
Related NEC:  
Technical Advisor: CENSECFOR  
Legacy NEC Code: 2004  
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. This NEC code will be awarded upon graduation from the Harbor Security Boat Training Supervisor (A-062-0049) course.

P05A - 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: E3-E6  
Personnel Paygrades: E1-E6  
CIN: A-830-0019  
ESTB Date:  
REV Date: 3/19/19  
Related NEC:  
Technical Advisor: USFF  
Legacy NEC Code: 2005  
ECM: BUPERS-32  

NOTES:
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 3/19/19.

P06A - 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: P05A  
Primary Advisor: MWD PM  

Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: A-830-0009  
ESTB Date:  
REV Date: 3/1/18  
Related NEC:  
Technical Advisor: MWD PM  
Legacy NEC Code: 2006  
ECM: BUPERS-32  

NOTE: Applicants must submit 1306/7 via the Regional KM and MWD PM for approval. Personnel completing the NEC code P06A Kennel Master “C” School are required to perform duties in designated NEC code P06A billets for a minimum of 48 consecutive months immediately following graduation.
### P08A - 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.

<table>
<thead>
<tr>
<th>Source Rating: MA</th>
<th>Billet Paygrades: E4-E9</th>
<th>Personel Paygrades: E4-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-831-0001</td>
<td>CDP: 572B</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 2008</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>USFF N1SF</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Completion of the Correction Specialist Course referenced under NEC code 826A 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 826A or P08A.
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 826A will have it removed and be awarded this NEC code.

### P09A - 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.

<table>
<thead>
<tr>
<th>Source Rating: MA</th>
<th>Billet Paygrades: E5-E7</th>
<th>Personel Paygrades: E5-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-840-0001 or S-830-0940</td>
<td>CDP: 338M or 08P7</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 3/1/18</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 2009</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>NCIS (POFO)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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 code P09A billet establishments.

### P10A - 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.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN:</td>
<td>CDP:</td>
</tr>
<tr>
<td>Sequence Code: 8</td>
<td>ESTB Date: 11/16/15 REV Date: 3/1/18</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 2010</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>USFFC N1SF</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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).

### P11A - Physical Security Specialist (PSS)

Subject matter expert at the installation, ship and separate activity/facility level for managing and executing physical security duties and responsibilities across all security disciplines in protection of critical DoD assets, resources and personnel.

<table>
<thead>
<tr>
<th>Source Rating: MA</th>
<th>Billet Paygrades: E5-E7</th>
<th>Personel Paygrades: E5-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: S-830-0001</td>
<td>CDP: 03FV, 11N2, 12B7, 18HN, 921R, 922J</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 10/2/17 REV Date:</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>USFLTFORCOM N1SF</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTES:**
1. To be awarded this NEC code, personnel must have successfully completed NAVEDTRA 43387, Key and Lock Fundamentals, NAVEDTRA 43387, Crime Prevention Fundamentals, NAVEDTRA 43387, Physical Security Fundamentals, NAVEDTRA 43387, Key and Lock Custodian, NAVEDTRA 43387, Crime Prevention Officer, NAVEDTRA 43387, and Physical Security Officer courses.
2. To earn this NEC code E4 personnel must submit a signed waiver from their CO.
P12A - Military Criminal Investigator
Performance and knowledge in the subjects of criminal law, crime scene processing, testimonial evidence, investigations of crimes against persons and property, physical evidence, drug investigation, fraud and waste, investigation reports, and special investigative techniques.

Source Rating: MA Billet Paygrades: E6-E9 Personnel Paygrades: E6-E9
Course: Mandatory CIN: A-832-0002 CDP: 13KY
Sequence Code: 4 ESTB Date: 7/19/18 REV Date: NR Ind: R
Component NEC: Related NEC: P02A Legacy NEC Code:

NOTES:
1. NEC code will be awarded upon successful completion of the Army CID course.
2. NEC code will not replace NEC code P02A for active duty personnel, but will be an addition to the NEC code.

QXXX - SUBMARINE (MECHANICAL) COMMUNITY & CAREER FIELD

Q31A - 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.

Course: Mandatory CIN: A-652-0700 CDP: 02AY
Sequence Code: 4 ESTB Date: REV Date: 3/1/18 NR Ind: R
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97) Technical Advisor: NAVSEA 05 ECM: BUPERS-32

Q33A - 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.

Course: Mandatory CIN: A-123-0204 CDP: 6658
Sequence Code: 4 ESTB Date: 7/1/1996 REV Date: 10/15/95 NR Ind: R
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97) Technical Advisor: NAVSEA 05 ECM: BUPERS-32

Q34A - SSN 774 Class Advanced Auxiliary Equipment Technician
Operates and performs organizational level maintenance on all assigned auxiliary equipment.

Source Rating: MMA Billet Paygrades: E5-E7 Personnel Paygrades: E4-E8
Course: CIN: A-652-0090 CDP: 04HF
Sequence Code: 4 ESTB Date: REV Date: 3/1/18 NR Ind: R
Component NEC: Q31A Related NEC:
Primary Advisor: OPNAV (N97) Technical Advisor: NAVSEA 05 ECM: BUPERS-32

Q53A - Low Pressure Electrolyzer (LPE) Operator
Operates and performs required mechanical maintenance on the Low Pressure Electrolyzer on board submarines.

Source Rating: MMA Billet Paygrades: E3-E8 Personnel Paygrades: E3-E9
Course: Mandatory CIN: A-652-0190 CDP: 05TZ, 05U0
Sequence Code: 4 ESTB Date: REV Date: 3/1/18 NR Ind: N
Component NEC: Related NEC: 4208, 4252 Legacy NEC Code: 4253
Primary Advisor: OPNAV (N97) Technical Advisor: NAVSEA 05 ECM: BUPERS-32

NOTE: Must be qualified in submarines; qualified O2 Clean Worker and have completed course 652-0085.

RXXX - SUBMARINE (SERVICE) COMMUNITY & CAREER FIELD
- RXXX (Series)
S000 - 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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-551-1016</td>
<td>CDP: 18HZ</td>
</tr>
<tr>
<td>Sequence Code: 8</td>
<td>ESTB Date: 6/19/17 REV Date: 10/1/17</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC: S001</td>
<td>Related NEC: S05A, S07A, S08A, S09A, S10A</td>
<td>Legacy NEC Code: 2800</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (4B, N00B, N42)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

S001 - 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.

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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-551-1015</td>
<td>CDP: 18HY</td>
</tr>
<tr>
<td>Sequence Code: 6</td>
<td>ESTB Date: 6/19/17 REV Date: 10/1/17</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 2801</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (4B, N00B, N42)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

S010 - Retail Services Specialist Basic (BL-0)
Performs entry-level job tasks equivalent to that required of a Retail Services Specialist (RS) general rating. Personnel acquiring this skillset will help to improve efficiency, support optimal fleet manning, and improve customer service and quality of life for Sailors.

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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-823-0012</td>
<td>CDP: 6477</td>
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<tr>
<td>Sequence Code: 6</td>
<td>ESTB Date: 2/23/18 REV Date: 10/15/19</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA (PMS 339)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: NEC code awarded by PERS-4011 upon assignment to an accession NEC code 756A billet.

S00A - Ship’s Store Afloat Resale Operations Management (ROM) Manager
Know how 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.

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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-823-0019</td>
<td>CDP: 7359, 743A</td>
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<td>Sequence Code: 3</td>
<td>ESTB Date:</td>
<td>REV Date: 10/15/19</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 3131</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (05, 09B), NEXCOM</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

S05A - 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, berth ing arrangement, and procurement actions including credit card, open market, and Federal Supply Schedule purchases.

<table>
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<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: R-551-0010</td>
<td>CDP: 869D</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date:</td>
<td>REV Date: 3/1/18</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 2813</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (4B, N00B)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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.
**S07A - 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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-551-0029</td>
<td>CDP: 746L, 746M</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
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<td>Legacy NEC Code: 2828</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (4B, N00B)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**S08A - 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.

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-551-0026</td>
<td>CDP: 740M, 746F</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 3/1/18</td>
<td>NR Ind: R</td>
</tr>
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<td>Component NEC:</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (4B, N00B)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**S09A - 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.

<table>
<thead>
<tr>
<th>Source Rating: LS, LSS</th>
<th>Billet Paygrades: E7-E9</th>
<th>Personnel Paygrades: E6-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-551-0027</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 9/9/19</td>
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<td>Component NEC: S07A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 2830</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (4B, N00B)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “LS TRR” completed 9/9/19.

**S10A - 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.

<table>
<thead>
<tr>
<th>Source Rating: LS, LSS</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E6-E9</th>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 3/1/18</td>
<td>NR Ind: R</td>
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<td>Component NEC: S08A</td>
<td>Related NEC:</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (4B, N00B)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Component NEC S08A is not required for E7-E9 personnel. E7-E9 personnel without component NEC should submit NAVPERS 1221/6 with command endorsement to PERS-4013.
**S11A - 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.

<table>
<thead>
<tr>
<th>Source Rating: LS, LSS</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E4-E9</th>
</tr>
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<tbody>
<tr>
<td>Course: OJT, JQR</td>
<td>CIN:</td>
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<tr>
<td>Sequence Code: 2</td>
<td>ESTB Date: 12/14/11</td>
<td>REV Date: 7/30/19</td>
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<tr>
<td>Component NEC:</td>
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<td>NR Ind: A</td>
</tr>
<tr>
<td>Primary Advisor: COMNECC N41</td>
<td>Technical Advisor: COMNECC N41</td>
<td>Legacy NEC Code: 2840</td>
</tr>
</tbody>
</table>

**NOTES:**

1. Training will be gained through OJT and completion of JQR located in COMNECCINST 4400.1C Appendix H within the 18 months of first reporting onboard and performing the assigned billet. The following JQR prerequisites and online courses will no longer be required and will be removed upon next COMNECC/COMNECCPACINST 4400.1 revision: LOGISTIC SPECIALIST NAVEDTRA 43244.1, CSS-EXLOGBASIC-1.1, CSS-EXLOG-INTERMEDIATE-1.1 and CSFE-SCWCC-106.1.0.
2. Last reviewed during “LS TRR” completed 7/30/19.

**S12A - 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).

<table>
<thead>
<tr>
<th>Source Rating: LS, LSS, RS</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E4-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date:</td>
<td>REV Date: 10/15/19</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>NR Ind: A</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (N42)</td>
<td>Legacy NEC Code: 3001</td>
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</table>

**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. RS personnel 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.

**S13A - 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.

<table>
<thead>
<tr>
<th>Source Rating: CS, CSS</th>
<th>Billet Paygrades: E5</th>
<th>Personnel Paygrades: E4-E6</th>
</tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-800-0030</td>
<td>CDP: 576L, 435D</td>
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<td>Sequence Code: 5</td>
<td>ESTB Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
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<td>Legacy NEC Code: 3527</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (N413)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**S14A - 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.

<table>
<thead>
<tr>
<th>Source Rating: CS, CSS</th>
<th>Billet Paygrades: E6-E9</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-800-0015</td>
<td>CDP: 343T, 574G</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 3/1/18</td>
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<tr>
<td>Component NEC:</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (N413)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
S15A - 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  
Billet Paygrades: E5-E9  
Course: Mandatory  
CIN: A-800-00038  
A-800-00035  
ESTB Date: REV Date: 3/1/18  
NR Ind: N  
Component NEC: Related NEC:  
Technical Advisor: PERS-44ES  
Primary Advisor: PERS  
Personnel Paygrades: E5-E9  
CDP: 03W7  
640R  
Legacy NEC Code: 3530  
ECM: BUPERS-32

NOTES:
1. Member must have a minimum of a secret security clearance.
2. NEC code will be awarded upon completion of the required course, completion of Enlisted Aide Personnel Qualification Standards, and completion of one year in a valid Enlisted Aide billet. Contact the Enlisted Aide Detailer for more information.

S16A - Aviation Supply Systems Specialist
Performs aviation supply system functions, both afloat and ashore, utilizing the Naval Aviation Logistic Command Management Information System (NALCOMIS). Processes inventory management records and listings for the control of aviation repair parts stocks in the intermediate level cycle. Supervises the input of data to the NALCOMIS system and prepares the parameters for management report analysis.

Source Rating: LS  
Billet Paygrades: E5-E7  
Course:  
CIN:  
ESTB Date: REV Date: 7/1/18  
NR Ind: R  
Component NEC: Related NEC:  
Technical Advisor: NAVSUP (4B, N00B)  
Primary Advisor: OPNAV (N41)/(N98)  
Personnel Paygrades: E5-E7  
CDP:  
Legacy NEC Code: 8012  
ECM: BUPERS-N321D5

NOTE: This NEC code is no longer awardable. However, legacy NALCOMIS still being utilized; individuals who previously earned this NEC will retain for personnel management.

S17A - Naval Aviation Logistics Command Management Information System (NALCOMIS) Supply Data Base Administrator (DBA)
Uses data base computer skills to support NALCOMIS at Intermediate Maintenance Activities (IMAs) afloat and ashore. Coordinates the operation and maintenance of NALCOMIS for the IMA supply department. Ensures system security and data base integrity. Monitors supply interface processing to ensure the accuracy of the NALCOMIS IMA database as reflected against the host Supply Automated Information System. Performs utility programs as required. Possesses a working knowledge of NALCOMIS IMA supply software capabilities. Maintains familiarity with the operation of all NALCOMIS IMA hardware assigned to supply functional users. Coordinates with the Data Base Administrator (DBA) and Maintenance Data Base Administrator concerning scheduling and/or release of online batch reports, installation of new releases, submission of trouble reports to higher authority and other matters as required. Principal advisor to the NALCOMIS IMA System Administrator and Supply Officer on matters pertaining to NALCOMIS IMA.

Source Rating: LS  
Billet Paygrades:  
Course:  
CIN:  
ESTB Date: REV Date: 7/1/18  
NR Ind: R  
Component NEC: Related NEC: S16A  
Primary Advisor: OPNAV (N41)/(N98)  
Personnel Paygrades: E5-E8  
CDP:  
Legacy NEC Code: 8013  
ECM: BUPERS-32

NOTE: 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 S17A are recoded to S19A.

Performs aviation supply functions both afloat and ashore, utilizing Optimized NALCOMIS IMA system. Processes inventory management records and listings for the control of aviation repair parts stocks in the intermediate level cycle. Supervises the input of data to the Optimized NALCOMIS IMA system and prepares the parameters for the management report analysis.

Source Rating: LS  
Billet Paygrades: E5-E8  
Course: Mandatory  
CIN: C-551-2019  
ESTB Date: REV Date: 7/1/18  
NR Ind: A  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N41)/(N98)  
Technical Advisor: NAVSUP (4B, N00B)  
Personnel Paygrades: E5-E8  
CDP: 741U  
Legacy NEC Code: 8014  
ECM: PERS BUPERS-32
S19A - 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: 7/1/18  
Revision Date: 7/1/18  
NR Ind: A  
Legacy NEC Code: 8015  
ECM: BUPERS-32

S20A - Autonomic Logistics Information System (ALIS) Supply Operator

Performs supply operator support for the F35 ALIS system. Demonstrates use of logistics forms, applications, material identification, Military Standard Transaction Reporting and Accounting procedures, and warehouse storage.

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

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: C-555-2024  
ESTB Date: 11/21/18  
Revision Date: 11/21/18  
NR Ind: R  
Legacy NEC Code:  
ECM: BUPERS-32

NOTE: Member must possess a secret security clearance.

TXXX - SUBMARINE (TECHNICAL) COMMUNITY & CAREER FIELD

T01A - 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:  
Primary Advisor: OPNAV (N97)  

Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E8  
CIN: A-113-0003  
ESTB Date: 3/1/18  
Revision Date: 3/1/18  
NR Ind: N  
Legacy NEC Code: 1314  
ECM: BUPERS-32

T02A - AN/BYG-1 (V) TI04 Combat Control Maintenance Technician

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:  
Primary Advisor: OPNAV (N97)  

Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E8  
CIN: A-113-0205  
ESTB Date: 3/1/18  
Revision Date: 3/1/18  
NR Ind: R  
Legacy NEC Code: 1316  
ECM: BUPERS-32
T03A - 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
Billet Paygrades: E3-E6  Personnel Paygrades: E3-E6
CIN: A-113-0201  CDP: 789W, 789X
or  A-113-0232  18H3, 18H4, 789W, 789X
Sequence Code: 6  ESTB Date: REV Date: 3/1/18  NR Ind: N
Component NEC: Related NEC:  Legacy NEC Code: 1317
Primary Advisor: OPNAV(N97)  Technical Advisor: DIRSSP  ECM: BUPERS-32

T04A - 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
Billet Paygrades: E5-E8  Personnel Paygrades: E4-E8
CIN: A-113-0202  CDP: 789Y, 789Z
or  A-113-0233  18H6, 18H7, 789Y, 789Z
Sequence Code: 4  ESTB Date: REV Date: 3/1/18  NR Ind: N
Component NEC: Related NEC:  Legacy NEC Code: 1319
Primary Advisor: OPNAV (N97)  Technical Advisor: DIRSSP  ECM: BUPERS-32

T05A - 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  Course: Mandatory
Billet Paygrades: E4-E9  Personnel Paygrades: E3-E9
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: 3/1/18  NR Ind: N
Component NEC: Related NEC:  Legacy NEC Code: 1320
Primary Advisor: OPNAV (N97)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

T06A - 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
Billet Paygrades: E3-E9  Personnel Paygrades: E1-E9
CIN: A-113-0133  CDP: 986E
A-100-0312  8162
Sequence Code: 6  ESTB Date: REV Date: 3/1/18  NR Ind: N
Component NEC: Related NEC:  Legacy NEC Code: 1327
Primary Advisor: OPNAV (N97)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

T07A - 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
Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
CIN: A-113-0002 (P/L)  CDP: 313P
Sequence Code: 3  ESTB Date: REV Date: 3/1/18  NR Ind: R
Component NEC: Related NEC:  Legacy NEC Code: 1328
Primary Advisor: OPNAV (N97)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

115
**T08A - 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  
Billet Paygrades: E5-E7  
Personnel Paygrades: E4-E8  
CIN: A-150-0037  
A-113-0204  
A-113-0006 (P/L)  
CDP: 00CD  
993B  
02EZ  
ESTB Date:  
REV Date: 3/1/18  
Component NEC: T06A  
Related NEC:  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
Legacy NEC Code: 1330  
ECM: BUPERS-32

**T09A - AN/BYG-1 (V)9 TI-10 Combat Control Maintenance Technician**

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

Source Rating: FT  
Course: Mandatory  
Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E8  
CIN: A-113-0381  
ESTB Date: 06/1/2012  
REV Date: 3/1/18  
Component NEC:  
Related NEC: T02A  
Primary Advisor: OPNAV(N97)  
Technical Advisor: NAVSEA-05  
Legacy NEC Code: 1346  
ECM: BUPERS-32

**T10A - 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 preventative maintenance and troubleshooting analysis to isolate and repair system faults and failures.

Source Rating: FT  
Course: Mandatory  
Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E8  
CIN: A-113-0342  
ESTB Date: 06/13/14  
REV Date: 3/1/18  
Component NEC:  
Related NEC: T02A  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA  
Legacy NEC Code: 1347  
ECM: BUPERS-32

**T11A - 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  
Course: Mandatory  
Billet Paygrades: E5-E9  
Personnel Paygrades: E4-E9  
CIN: A-101-0020  
ESTB Date: 06/13/14  
REV Date: 3/1/18  
Component NEC:  
Related NEC: T24A  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
Legacy NEC Code: 14AA  
ECM: BUPERS-32

**T12A - Common Submarine Radio Room (CSRR) Equipment Operator**

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

Source Rating: ETR  
Course: Mandatory  
Billet Paygrades: E3-E8  
Personnel Paygrades: E1-E9  
CIN: A-101-0019  
ESTB Date: 06/13/14  
REV Date: 3/1/18  
Component NEC:  
Related NEC: T25A  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
Legacy NEC Code: 14AB  
ECM: BUPERS-32

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

**T10A - 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 preventative maintenance and troubleshooting analysis to isolate and repair system faults and failures.

Source Rating: FT  
Course: Mandatory  
Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E8  
CIN: A-113-0342  
ESTB Date: 06/13/14  
REV Date: 3/1/18  
Component NEC:  
Related NEC: T02A  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA  
Legacy NEC Code: 1347  
ECM: BUPERS-32

**NOTE:** Secret Security Clearance required.

**T11A - 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  
Course: Mandatory  
Billet Paygrades: E5-E9  
Personnel Paygrades: E4-E9  
CIN: A-101-0020  
ESTB Date: 06/13/14  
REV Date: 3/1/18  
Component NEC:  
Related NEC: T24A  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
Legacy NEC Code: 14AA  
ECM: BUPERS-32

**T12A - Common Submarine Radio Room (CSRR) Equipment Operator**

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

Source Rating: ETR  
Course: Mandatory  
Billet Paygrades: E3-E8  
Personnel Paygrades: E1-E9  
CIN: A-101-0019  
ESTB Date: 06/13/14  
REV Date: 3/1/18  
Component NEC:  
Related NEC: T25A  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
Legacy NEC Code: 14AB  
ECM: BUPERS-32
T13A - 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) and Integrated Submarine Imaging System (ISIS).

Source Rating: ETR
Course: Mandatory
Billet Paygrades: E5-E9
CIN: A-233-0174 (P/L)
Personnel Paygrades: E4-E9
CDP: 10F0
or
A-233-0008 and A-102-0388 5234 and 09PM
Sequence Code: 4
ESTB Date: REV Date: 12/4/18
Component NEC: T28A
Related NEC: T15A, T17A
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

T15A - 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
Course: Mandatory
Billet Paygrades: E5-E9
CIN: A-233-0117(P/L)
Personnel Paygrades: E4-E9
CDP: 10XB, 2087
or
A-102-0403 and A-233-0040 3256 and 593X, 4351
Sequence Code: 3
ESTB Date: REV Date: 3/1/18
Component NEC: T29A
Related NEC: T13A, T17A
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

T16A - SSGN Navigation Maintenance Electronics Technician
Performs troubleshooting and maintenance on Navigation, Radar, Ship Control, Interior Communications, and other selected electronic equipment found on SSGN submarines.

Source Rating: ETV
Course: Mandatory
Billet Paygrades: E4-E9
CIN: A-102-0415 and A-102-0007
Personnel Paygrades: E4-E9
CDP: 04R1 and 5027
Sequence Code: 4
ESTB Date: REV Date: 3/1/18
Component NEC: T19A or T27A
Related NEC: T18A, T20A, T23A, T26A
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

T17A - SSN 21 and SSN 688 Class Electronic Warfare Support (ES) Equipment Maintenance Technician
Performs preventive and organizational maintenance on the following submarine electronic equipment/systems: AN/BLQ-10(V), Type-8 Periscope, Type-18 Periscope to include ADF/SUBIS and TI-06 Integrated Submarine Imaging System (ISIS).

Source Rating: ETR
Course: Mandatory
Billet Paygrades: E5-E9
CIN: A-233-0138(P/L)
Personnel Paygrades: E4-E9
CDP: 10EZ
or
A-233-0008 and A-102-0157 and A-233-0122 5234 and 544Q and 9989
Sequence Code: 4
ESTB Date: REV Date: 3/1/18
Component NEC: T28A
Related NEC: T13A, T15A
Primary Advisor: OPNAV(N97)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

T18A - Navigation Equipment Maintenance Technician
Operates and performs organizational preventive and corrective maintenance on the following SSN 688 class submarine navigation equipment. AN/WSN-7(A), AN/WSN-7(B), AN/WRN-6, AN/BPS-15(H), Digital Depth Detector, AN/WIC, Central Atmosphere Monitoring System, Electromagnetic Log.

Source Rating: ETV
Course: Mandatory
Billet Paygrades: E3-E9
CIN: A-102-0392 (P/L)
Personnel Paygrades: E3-E9
CDP: 036W
Sequence Code: 3
ESTB Date: REV Date: 3/1/18
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

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

NOTES: Last reviewed during “ETR TRR” completed 12/4/18.
**T19A - 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>
<th></th>
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</thead>
<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: 3/1/18</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 14NO</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N97)</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

**T20A - SSN 774 Class Navigation and Ship’s Electronic Equipment Technician**

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

<table>
<thead>
<tr>
<th>Source Rating: ETV</th>
<th>Billet Paygrades: E5-E8</th>
<th>Personnel Paygrades: E4-E8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-102-0130</td>
<td>CDP: 04HH</td>
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<tr>
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<td>ESTB Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: T18A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 14NP</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N97)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**T21A - SSN/SSBN Assistant Navigator (ANAV)**

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

<table>
<thead>
<tr>
<th>Source Rating: ETV</th>
<th>Billet Paygrades: E7-E9</th>
<th>Personnel Paygrades: E6-E9</th>
</tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-061-0029</td>
<td>CDP: 735X</td>
</tr>
<tr>
<td>Sequence Code: 2</td>
<td>ESTB Date: 3/1/18</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: T19A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 14NV</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N97)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**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.

**T23A - 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.

<table>
<thead>
<tr>
<th>Source Rating: ETV</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E4-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-102-0255</td>
<td>CDP: 02UF</td>
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<tr>
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<td>ESTB Date: 3/1/18</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 14TK</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N97)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**T24A - TRIDENT I/II Radio Frequency (RF) Equipment Maintenance Technician**

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

<table>
<thead>
<tr>
<th>Source Rating: ETR</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E4-E8</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-101-0730</td>
<td>CDP: 654B</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 3/1/18</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 14TM</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N97)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**T25A - TRIDENT I/II Radio Frequency (RF) Equipment Operator**

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

<table>
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<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-101-0726</td>
<td>CDP: 385A</td>
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<tr>
<td>Sequence Code: 6</td>
<td>ESTB Date: 3/1/18</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 14TO</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N97)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
T26A - Electronics Technician Trident II SWS D-5 Backfit SWS Navigation Maintenance Technician
Perform organizational and/or intermediate level maintenance on the TRIDENT II (D-5) Backfit SWS Navigation, Forward Electronic and Quartermaster equipment on TRIDENT SSBNs with the TRIDENT II D-5 Backfit SWS Navigation System.

Source Rating: ETV
Course: Mandatory
Sequence Code: 3
Component NEC: T19A
Primary Advisor: OPNAV(N97)

Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8
CIN: A-193-0445 (P/L)
ESTB Date: 2/1/2011
Related NEC: T25A, T26A, T27A, T35A
Technical Advisor: DIRSSP
Legacy NEC Code: 14XM
ECM: BUPERS-32

T27A - 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: T19A
Primary Advisor: OPNAV(N97)

Billet Paygrades: E3-E6
Personnel Paygrades: E1-E6
CIN: A-193-0444 (P/L)
ESTB Date: 1/1/2001
Related NEC: T25A, T26A, T27A, T35A
Technical Advisor: DIRSSP
Legacy NEC Code: 14XO
ECM: BUPERS-32

T28A - SSN/SSGN AN/BLQ-10A (V) Submarine Electronic Warfare Support (ES) Equipment Operator
Performs all operator task/function skills associated with the AN/BLQ-10A (V) Submarine Electronic Warfare Support (ES) System (AN/BLQ-10 (V)) under all conditions of readiness in port and underway.

Source Rating: ETR
Course: Mandatory
Sequence Code: 4
Component NEC: T19A
Primary Advisor: OPNAV(N97)

Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: A-102-0550 (P/L)
ESTB Date: 8/26/10
Related NEC: T25A, T26A, T27A, T35A
Technical Advisor: NAVSEA 05
Legacy NEC Code: 14ZQ
ECM: BUPERS-32

T32A - 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: T19A
Primary Advisor: OPNAV(N97)

Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: A-102-0391
ESTB Date: 3/3/11
Related NEC: T25A, T26A, T27A, T35A
Technical Advisor: NAVSEA 05
Legacy NEC Code: 14ZQ
ECM: BUPERS-32

T29A - SSN/SSBN 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 under all conditions of readiness in port and underway.

Source Rating: ETR
Course: Mandatory
Sequence Code: 4
Component NEC: T19A
Primary Advisor: OPNAV(N97)

Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: A-102-0550 (P/L)
ESTB Date: 8/26/10
Related NEC: T25A, T26A, T27A, T35A
Technical Advisor: NAVSEA 05
Legacy NEC Code: 14ZQ
ECM: BUPERS-32

T29A - SSN/SSBN 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 under all conditions of readiness in port and underway.

Source Rating: ETR
Course: Mandatory
Sequence Code: 4
Component NEC: T19A
Primary Advisor: OPNAV(N97)

Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: A-102-0391
ESTB Date: 3/3/11
Related NEC: T25A, T26A, T27A, T35A
Technical Advisor: NAVSEA 05
Legacy NEC Code: 14ZQ
ECM: BUPERS-32

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

T30A - SSBN SSI 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: T19A
Primary Advisor: OPNAV (N97)

Billet Paygrades: E3-E6
Personnel Paygrades: E1-E6
CIN: A-193-0440 (P/L)
ESTB Date: 1/4/16
Related NEC: T25A, T26A, T27A, T35A
Technical Advisor: DIRSSP
Legacy NEC Code: 14ZS
ECM: BUPERS-32

NOTE: Member must be eligible for a Top Secret security clearance.
T31A - 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
Sequence Code: 4
Component NEC: T30A
Primary Advisor: OPNAV (N97)
Billet Paygrades: E4-E9
CIN: A-193-0448
A-623-0481 (P/L)
ESTB Date: 1/4/16
REV Date: 3/1/18
Related NEC: T26A, T27A
Technical Advisor: DIRSSP
Personnel Paygrades: E4-E9
CDP: 12RA, 12RB
12RL, 12RM
NR Ind: R
Legacy NEC Code: 14ZT
ECM: BUPERS-32

NOTES:
1. Member must be eligible for a Top Secret security clearance.
2. CIN A-193-0448 may also be attended by holders of NEC codes T27A and T26A.

T32A - 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
Sequence Code: 3
Component NEC: T12A
Primary Advisor: OPNAV (N97)
Billet Paygrades: E7-E9
CIN: A-101-0600
ESTB Date: 7/13/16
REV Date: 3/1/18
Related NEC:
Technical Advisor: NAVSEA-05
Personnel Paygrades: E6-E9
CDP: 09HF
NR Ind: R
Legacy NEC Code: 14ZU
ECM: BUPERS-32

NOTE: A Top Secret security clearance is required.

T33A - T34A - 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.

T33A - Missile Technician TRIDENT II SWS MK 98 MOD 6
Operates and performs organizational and/or intermediate level maintenance on the TRIDENT II (D5) Backfit Weapon Systems, MK 98 MOD 6 Fire Control subsystems, Missile subsystems, Launcher subsystems, and associated support and test equipment. Performs operational readiness tests of systems and adheres to safety precautions applicable to missile explosive devices, missile hydraulics, and missile testing. Participates in missile handling evolutions.

Source Rating: MT
Course: Mandatory
Sequence Code: 4
Component NEC: T50A
Primary Advisor: OPNAV (N97)
Billet Paygrades: E3-E9
CIN: A-121-0031
A-121-0032
ESTB Date: 3/1/18
REV Date: 3/1/18
Related NEC:
Technical Advisor: DIRSSP
Personnel Paygrades: E3-E9
CDP: 02X0, 02X3, 02X2
NR Ind: N
Legacy NEC Code: 3303
ECM: BUPERS-32

NOTE: Personnel must remain Personnel Reliability Program (PRP) eligible. New accessions or MT personnel with other than NEC code T50A are authorized to attend A-121-0031. NEC code T50A is required prior to attending A-121-0032.

T34A - 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 (REBs). 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: 3/1/18
REV Date: 3/1/18
Related NEC:
Technical Advisor: DIRSSP
Personnel Paygrades: E5-E9
CDP:
NR Ind: N
Legacy NEC Code: 3320
ECM: BUPERS-32
T35A - 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: T27A
Primary Advisor: OPNAV (N97)

Billet Paygrades: CIN: A-193-0442
ESTB Date: REV Date: 3/1/18
Technical Advisor: DIRSSP

Personnel Paygrades: E2-E7
CDP: 4890, 4891
NR Ind: N
Legacy NEC Code: 3329
ECM: BUPERS-32

NOTE: Identifies members who have 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.

T36A - 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: 3303 or 3380
Primary Advisor: OPNAV (N97)

Billet Paygrades: CIN: E-121-0087
ESTB Date: REV Date: 3/1/18
Technical Advisor: DIRSSP

Personnel Paygrades: E4-E9
CDP: 789M
NR Ind: N
Legacy NEC Code: 3350
ECM: BUPERS-32

NOTE: 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.

T37A - 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: T33A, T51A or T37A
Primary Advisor: OPNAV (N97)

Billet Paygrades: CIN: A-121-0087
ESTB Date: 12/17/12
ESTB Date: 5/28/19
Technical Advisor: DIRSSP

Personnel Paygrades: E8-E9
CDP: 789M
NR Ind: N
Legacy NEC Code: 3375
ECM: BUPERS-32

NOTE: All MT personnel must complete two years onboard a SSBN in addition to completing MTC Phase 2A and 2B prior to attending “C” school.

T38A - Strategic Weapon System Master Chief (SWSMC)
Senior Strategic Weapon System (SWS) enlisted leader with critical, certified, advanced technical and operational Fleet qualifications 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: OJT
Sequence Code: 3
Component NEC: T33A, T51A or T37A
Primary Advisor: OPNAV (N97)

Billet Paygrades: CIN: A-121-0087
ESTB Date: 12/17/12
ESTB Date: 5/28/19
Technical Advisor: DIRSSP

Personnel Paygrades: E8-E9
CDP: 789M
NR Ind: N
Legacy NEC Code: 3375
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 his second sea tour as MTC, MTCS or MTCM.
3. Member shall retain prerequisite NEC codes once T38A has been awarded, ensuring community management initiatives are sustained and verifiable in support of SWS and AWS Fleet readiness.
4. IAW CSL/CSP INST 1500.37, members must satisfactorily complete the SWSMC Qualification Card and Screening Board.
5. Must be PRP screened and eligible.
6. Top Secret security clearance is required.
T39A - 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
Course: Mandatory
Sequence Code: 1
Component NEC: Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E9
CIN: A-121-0025
ESTB Date: REV Date: 3/1/18
Related NEC: Legacy NEC Code: 3397

Personnel Paygrades: E4-E9
CDP: 01AR
NR Ind: A
ECM: BUPERS-32

T40A - 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: Primary Advisor: OPNAV (N97)

Billet Paygrades: E5-E9
CIN: A-130-0360 (P/L)
ESTB Date: REV Date: 3/1/18
Related NEC: Legacy NEC Code: 0425

Personnel Paygrades: E4-E9
CDP: 769S
NR Ind: R
ECM: BUPERS-32

T42A - 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
Course: Mandatory
Sequence Code: 3
Component NEC: Primary Advisor: OPNAV(N97)

Billet Paygrades: E6-E9
CIN: A-130-0460
ESTB Date: REV Date: 3/1/18
Related NEC: Legacy NEC Code: 0501

Personnel Paygrades: E6-E9
CDP: 08T1, 08T2
NR Ind: N
ECM: BUPERS-32

T43A - 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
Course: Mandatory
Sequence Code: 5
Component NEC: Primary Advisor: OPNAV(N97)

Billet Paygrades: E4-E8
CIN: A-130-0314
ESTB Date: REV Date: 3/1/18
Related NEC: Legacy NEC Code: 0512

Personnel Paygrades: E4-E9
CDP: 199N, 06RA, 06RB, 06RC, 07XO, 750U
NR Ind: N
ECM: BUPERS-32

NOTES:
1. Members who previously completed CIN: A-130-0357(P/L) shall maintain this NEC code.
2. Sailors awarded NEC code T43A under its previous requirements will retain the NEC Code.
3. Secret security clearance required.

T44A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E8
CIN: A-130-0410
ESTB Date: REV Date: 3/1/18
Related NEC: Legacy NEC Code: 0518

Personnel Paygrades: E4-E9
CDP: 06RA, 06RB, 06RC, 07XO, 750U
NR Ind: N
ECM: BUPERS-32

T44A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E8
CIN: A-130-0410
ESTB Date: REV Date: 3/1/18
Related NEC: Legacy NEC Code: 0518

Personnel Paygrades: E4-E9
CDP: 06RA, 06RB, 06RC, 07XO, 750U
NR Ind: N
ECM: BUPERS-32

NOTES:
1. Sailors awarded NEC code T44A 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 NEC code T44A.
2. Members who previously completed CINs: A-130-0010 or A-130-0038 shall maintain this NEC code.
**T45A - 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.

<table>
<thead>
<tr>
<th>Source Rating: STS</th>
<th>Billet Paygrades: E5-E8</th>
<th>Personnel Paygrades: E4-E8</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
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<tr>
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<td>A-150-0037 and</td>
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<td>A-130-0042</td>
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<td>NR Ind: R</td>
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<td>Primary Advisor:</td>
<td>OPNAV (N97)</td>
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<td>Technical Advisor:</td>
<td>ECM: BUPERS-32</td>
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</table>

**T46A - 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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<tbody>
<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-130-0412</td>
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<td>A-130-0414</td>
<td>12RR, 12RS, 12RT</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: 3/1/18</td>
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<td>Related NEC: T44A</td>
<td>NR Ind: R</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N97)</td>
<td>Legacy NEC Code: 0530</td>
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<td>Technical Advisor: NAVSEA</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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

**T47A - 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.

<table>
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<td>Course: Mandatory</td>
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<td>A-531-0100</td>
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<td>ESTB Date:</td>
<td>REV Date: 3/1/18</td>
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<td>Related NEC: H08A</td>
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<tr>
<td>Primary Advisor: OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVCYBERFOR (N7/N1)</td>
<td>Legacy NEC Code: 2783</td>
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<td>ECM: BUPERS-32</td>
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**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 746A 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 746A and applying for rating conversion to ITS are eligible for this NEC code.
**T48A - Trident II SWS MT Apprentice**

Performs initial Battle Stations Missile (BSM) assignments. Participates in missile handling evolutions; adheres to safety precautions applicable to missile explosive devices. Under supervision, performs preventive and basic corrective maintenance on the Trident II D5 Backfit SWS subsystems.

- **Source Rating:** MT
- **Course:** Mandatory
- **Billet Paygrades:** E4
- **Personnel Paygrades:** E3-E5
- **CIN:** A-121-0310
- **CDP:** 17SG
- **ESTB Date:** 7/25/17
- **REV Date:** 3/1/18
- **Related NEC:** T33A
- **Technical Advisor:** DIRSSP
- **Personnel Paygrades:** E3-E5
- **CDP:** 17SG
- **ESTB Date:** 7/25/17
- **REV Date:** 3/1/18
- **Related NEC:** T33A
- **Technical Advisor:** DIRSSP

**NOTES:**
1. PRP screened and eligible.
2. Top secret clearance required.

**T49A - AN/BYG-1 (V) TI-16/TI-18 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-16 and TI-18 Combat Control System. Performs preventive maintenance and troubleshooting analysis to isolate and repair system faults and failures.

- **Source Rating:** FT
- **Course:** Mandatory
- **Billet Paygrades:** E4-E8
- **Personnel Paygrades:** E3-E8
- **CIN:** A-113-0416
- **CDP:** 18LA
- **ESTB Date:** 12/4/17
- **REV Date:** NR Ind: R
- **Related NEC:** T10A
- **Technical Advisor:** NAVSEA
- **Personnel Paygrades:** E3-E8
- **CIN:** A-113-0416
- **CDP:** 18LA
- **ESTB Date:** 12/4/17
- **REV Date:** NR Ind: R
- **Related NEC:** T10A
- **Technical Advisor:** NAVSEA

**NOTES:**
1. Secret security clearance required.
2. NEC code is awarded through cadre (Factory) training pending implementation of formal training. Training is conducted by Naval Undersea Warfare Center, Newport Rhode Island.

**T50A - 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
- **Billet Paygrades:** E3-E9
- **Personnel Paygrades:** E3-E9
- **CIN:** A-121-0085
- **CDP:** 4928
- **ESTB Date:** 12 Dec 2012
- **REV Date:** 6/1/15
- **Related NEC:**
- **Technical Advisor:** DIRSSP
- **Personnel Paygrades:** E3-E9
- **CIN:** A-121-0085
- **CDP:** 4928
- **ESTB Date:** 12 Dec 2012
- **REV Date:** 6/1/15
- **Related NEC:**
- **Technical Advisor:** DIRSSP

**NOTES:**
1. Last convening graduated 12 Dec 2012 and deletion of NEC code T50A is projected to occur in FY 2017.
2. Last reviewed during “NAVMAC Periodicity Review” completed 6/1/15.
T51A - TRIDENT II Strategic Weapon System (SWS) MT Journeyman
Performs advanced Battle Stations Missile (BSM) assignments, participates in missile handling evolutions, operates and performs organizational and/or intermediate level maintenance on the TRIDENT II D5 Backfit SWS subsystems. Performs operational readiness tests of systems and adheres to safety precautions applicable to missile explosive devices, missile hydraulics, missile testing and missile handling operations.

Source Rating: MT  
Course: Mandatory  
Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E9  
CIN: A-121-0313  
CDP: 17SJ, 17SL  
A-121-0350  
18FU, 18FV  
A-121-0351  
18FW, 18FX  
A-121-0352  
18FY, 18FZ  
A-121-0353  
18G0, 18G1  
A-121-0354  
18G5, 18G6  
A-121-0355  
18G7, 18G8  
A-121-0356  
18G9, 18GA  
A-121-0357  
18GB, 18GC  
Sequence Code: 4  
ESTB Date: 5.29/18  
REV Date: NR Ind: N  
Related NEC: T33A  
Legacy NEC Code: 3381  
Primary Advisor: OPNAV (N97)  
Technical Advisor: DIRSSP  
ECM: BUPERS-32

T52A - Large Vertical Array (LVA) Operator/Technician
Performs operation and maintenance on specialized LVA equipment.

Source Rating: STS  
Course: OJT  
Billet Paygrades: E1-E9  
Personnel Paygrades: E1-E9  
CIN:  
ESTB Date: 7/23/19  
REV Date: NR Ind: N  
Component NEC:  
Related NEC:  
Primary Advisor: UWDC  
Technical Advisor: UWDC  
ECM: BUPERS-32

NOTE: NEC code will be awarded based on completion of shipboard training and operational experience OJT on LVA equipment. Submit NAVPERS 1221/6 with Commanding Officer recommendation to PERS-4013 for awarding of this NEC code.

UXXX - SURFACE (ENGINEERING) COMMUNITY & CAREER FIELD

U00A - LCS-1 (Freedom Variant) Engineering Plant Technician (EPT)
Cross-trained in main propulsion and support systems, auxiliary systems, electrical systems, Damage Control (DC) systems, and the Main Propulsion Control and Monitoring System (MPCMS). Utilizing Human Machine Interfaces (HMIs), local and remote control panels and consoles, system diagrams; align, operate, monitor, and conduct casualty control procedures on all engineering systems in accordance with Engineering Operational Sequencing System (EOSS). Using PQS manuals, PMS maintenance cards, and EOSS procedures, competently perform tasks associated with the EPT shipboard watch station/position with limited to no supervision and under all conditions of readiness both in port and underway.

Source Rating: DC, EM, EN, GSE, GSM, HT  
Course: Mandatory  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E9  
CIN: A-651-5010  
CDP: 12L4, 18LS  
Sequence Code: 4  
ESTB Date: 7/18/17  
REV Date: 3/1/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

U01A - LCS-2 (Independence Variant) Engineering Plant Technician (EPT)
Cross-trained in main propulsion and support systems, auxiliary systems, electrical systems, damage control systems, and the Main Propulsion Control and Monitoring System (MPCMS). Utilizing Human Machine Interfaces (HMIs), local and remote control panels and consoles, and system diagrams; align, operate, monitor, and conduct casualty control procedures on all engineering systems in accordance with Engineering Operational Sequencing System (EOSS). Using PQS manuals, PMS maintenance cards, and EOSS procedures, competently perform tasks associated with the EPT shipboard watch station/position with limited to no supervision and under all conditions of readiness both in port and underway.

Source Rating: DC, EM, EN, GSE, GSM, HT  
Course: Mandatory  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E9  
CIN: A-651-5011  
CDP: 12L5  
Sequence Code: 4  
ESTB Date: 7/17/17  
REV Date: 3/1/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32
U03A - CG-47 Gas Turbine Electrical Maintenance Technician
Operates and performs advanced organizational and/or intermediate maintenance to the component level on CG-47 class gas turbine main propulsion and electric generating plants control systems.

Source Rating: GSE, GS  Billet Paygrades: E4-E9  Personnel Paygrades: E3-E9
Course: Mandatory  CIN: A-652-0350 (P/L)  CDP: 714G
Sequence Code: 3  ESTB Date:  REV Date: 3/7/18  NR Ind: R
Component NEC: Related NEC: Legacy NEC Code: 4123
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

U04A - CG-47 Gas Turbine Mechanical Maintenance Technician
Operates and performs advanced organizational and/or intermediate maintenance to the component level on CG-47 gas turbine main propulsion and electric generating plants, mechanical systems, and auxiliary support systems.

Source Rating: GSM, GS  Billet Paygrades: E4-E9  Personnel Paygrades: E3-E9
Course: Mandatory  CIN: A-652-0354 (P/L)  CDP: 714L
Sequence Code: 3  ESTB Date:  REV Date: 12/12/19  NR Ind: R
Component NEC: Related NEC: Legacy NEC Code: 4124
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. Personnel that are assigned to a CG-47 (non-smart ship) holding either NEC code U06A, or U09A 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 U04A. Submit NAVPERS 1221/6 to PERS-4013D.

2. Last reviewed during “NAVMAC Periodicity Review” completed 12/12/19.

U05A - 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  Billet Paygrades: E4-E9  Personnel Paygrades: E3-E9
Course: Mandatory  CIN: A-652-0352 (P/L)  CDP: 714I
A-652-0329 004X
A-652-0337 252S
A-652-0431 14VC
Sequence Code: 3  ESTB Date:  REV Date: 3/1/18  NR Ind: R
Component NEC: Related NEC: Legacy NEC Code: 4125
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

U06A - DDG-51 Gas Turbine Mechanical Maintenance Technician
Operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG-51 gas turbine main propulsion and electric generating plants mechanical system and auxiliary support systems.

Source Rating: GSM, GS  Billet Paygrades: E4-E9  Personnel Paygrades: E3-E9
Course: Mandatory  CIN: A-652-0355 (P/L)  CDP: 714M
Sequence Code: 3  ESTB Date:  REV Date: 1/10/20  NR Ind: R
Component NEC: Related NEC: Legacy NEC Code: 4126
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. Personnel that are assigned to a DDG-51 holding either NEC code U04A or U09A 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 U06A. Submit NAVPERS 1221/6 to PERS-4013D.

2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
U07A - Marine Gas Turbine Inspector

<table>
<thead>
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<th>Billet Paygrades: E7-E9</th>
<th>Personnel Paygrades: E7-E9</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-652-0505</td>
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<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
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NOTES:
1. Personnel qualified per OPNAVINST 9220.3 and General Gas Turbine Bulletin 11 (Current Revision). Submit NAVPERS 1221/6 to PERS-4013D2 via NSWCCD 933.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

U08A - NAMTS Gas Turbine Repair Technician

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<th>Billet Paygrades: E3-E7</th>
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<td>ECM: BUPERS-32</td>
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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 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.

U09A - CG Smart Ship Engineering Control System Equipment (ECSE) Electrical Operator and Maintenance Technician
Operates and performs preventive and corrective maintenance and all authorized fault isolation and repair procedures on the Engineering Control System Equipment (ESCE).

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<tr>
<th>Source Rating: EM, GS, GSE</th>
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<td>ECM: BUPERS-32</td>
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NOTES:
1. 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 code U09A. Submit NAVPERS 1221/6 with Commanding Officer’s endorsement to NAVPERS-4013.
2. Last reviewed during “NAVMAC Periodicity Review” completed 11/14/19.
U10A - CG Smart Ship Engineering Control System Equipment (ECSE) Mechanical 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: GS, GSM
Course: Mandatory
Sequence Code: 3
Component NEC: U06A, U10A
Primary Advisor: OPNAV (N96)

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

CIN: A-652-0364 (P/L)
ESTB Date: REV Date: 10/22/19
Related NEC:
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-E9

NOTE:
1. Personnel that are assigned to a CG-47 (smart ship) holding either NEC codes U04A or U06A 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 U10A. Submit NAVPERS 1221/6 to PERS-4013.
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 U10A. Submit NAVPERS 1221/6 with Commanding Officer’s endorsement to NAVPERS-4013.
3. Last reviewed during “GS TRR” completed 10/22/19.

U11A - NAMTS Gas Turbine (Electrical) Repair Technician


Source Rating: GS, GSE
Course: OJT, JQR
Sequence Code: 3
Component NEC: 3/1/18Related NEC:
Primary Advisor: OPNAV (N96)

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

CIN: V-662-4139 (P/L)
ESTB Date: REV Date: 12/15/14
Legacy NEC Code: 4145

CIP: 11L3, 11L4, 11L7, 11L9, 11LA, 11LB
NR Ind: A

Personnel Paygrades: E3-

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 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.

U12A - 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
Course: OJT, JQR
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N96)

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

CIN:
ESTB Date: REV Date: 9/30/11
Related NEC:
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-

ECM: BUPERS-32

NOTE:
1. The NEC will be awarded to current personnel holding NEC code U06A and attached to the command during install and through attending the initial training course, CIN G-651-0612, completion of JQR, and CO recommendation. Submission of NAVPERS 1221/6 is required.
2. The NEC will be awarded to follow-on personnel holding either of the following NEC codes: U04A, U06A, or U09A. 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.

U13A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: 733B
Primary Advisor: OPNAV(N95)

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

CIN: A-651-9010 (P/L)
ESTB Date: REV Date: 4/13/16
Related NEC:
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-

ECM: BUPERS-32

NOTE:
1. Personnel who have previously attended the CAT 3608 Diesel Engine Technician course in Peoria, IL., CIN/CDP: G-652-0042/08T0, can maintain the NEC code as long as they have completed the remainder of the pipeline.
2. Last reviewed during “EN TRR” completed 3/6/19.

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U14A - Cryogenics Technician, Overseas Shore Based Equipment Operator/Maintainer
Operates, tests, inspects, and performs organizational and intermediate level maintenance on shore based (overseas) high and low pressure liquid oxygen and nitrogen generating plants in the manufacture of liquid oxygen and liquid nitrogen. Tests liquid oxygen and liquid nitrogen for purity and acetylene contamination. Performs required checks on O2/N2 compressed gas cylinders both prior to and after charging them to proper pressure. Operates and maintains mechanical refrigeration systems, reciprocating high pressure and centrifugal low pressure air compressors, cryo generators, vacuum pumps, and gaseous distribution systems. Detects, analyzes and corrects abnormal situations which may arise during operation of liquid oxygen/nitrogen generating plants.

Source Rating: MM  Billet Paygrades: E4-E7  Personnel Paygrades: E3-E7
Course: Mandatory  CIN: M-750-9901 (P/L)  CDP: 215Z
Sequence Code: 3  ESTB Date: REV Date: 1/10/20  NR Ind: R
Component NEC: Related NEC: Legacy NEC Code: 4201
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

U15A - 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 Snipes). 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: Mandatory  CIN:  CDP:
Sequence Code: 9  ESTB Date: 4/11/14  REV Date: 3/19/19  NR Ind: N
Component NEC: Related NEC: Legacy NEC Code: 4202
Primary Advisor: COMNAVSURFOR  Technical Advisor: PERS-4  ECM: BUPERS-32

NOTES:
1: Only Surface, Non-Nuclear members may be awarded this NEC code.
2: Petty Officers are eligible for award if they are candidates for fast tracking to EDLCPO - contact PERS-402.
3. Last reviewed during “NAVMAC Periodicity Review” completed 3/19/19.

U16A - 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.

Course: Mandatory  CIN:  CDP:
A-4H-0110  732X, 732W
A-4H-0178  3977
A-4H-0157  444Y
A-4H-0158  444Z
A-4H-0159  445A
A-4H-0160  445B
A-4H-0005  07S2
A-4H-0007  07TO
A-4H-7201  18V0
Sequence Code: 3  ESTB Date:  REV Date: 10/5/18  NR Ind: R
Component NEC: Related NEC: Legacy NEC Code: 4206
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. E6 personnel earning this NEC Code must be EOOW qualified and billeted to Afloat Training Group.
2. Successful completion of any of the CINs listed awards NEC code U16A. Separate attendance of the Senior Enlisted Propulsion Engineering course (A-651-0110) is not required.
3. All engineering ratings must have an EOOW letter; DC, HT, and MR ratings must have an EOOW letter for the ship class they are being assigned.
4. DC, HT, and MR ratings must have approval from gaining command.
U17A - 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: OJT, JQR
Sequence Code: 3
Component NEC: 742B
Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E9
Billet Paygrades: E3-E7
CIN: V-720-4223
ESTB Date: 10/8/13 REV Date: 3/1/18
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 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.

U18A - 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: DC, EN, GSM, MM
Course: OJT, JQR
Sequence Code: 3
Component NEC: UNREP Equipment Mechanic
Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E9
Billet Paygrades: E3-E7
CIN: V-652-4142 (P/L)
ESTB Date: 10/8/13 REV Date: 6/11/18
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 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.

U19A - 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: UNREP Equipment Mechanic
Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E9
Billet Paygrades: E3-E7
CIN: J-690-0028
ESTB Date: 7/13/18 REV Date: 1/10/20
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05

NOTES:
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.
2. Last reviewed during “MM TRR” completed 7/13/18.

U20A - 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
Course: OJT, JQR
Sequence Code: 4
Component NEC: PAXMAN Valenta Diesel Engine Operator
Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E6
Billet Paygrades: E3-E6
CIN: 4013D2
ESTB Date: 10/8/13 REV Date: 3/1/18
Related NEC: NAVSEA 05, SPECWAR
Technical Advisor: NAVSEA 05, SPECWAR

ECM: BUPERS-32

NOTES:
1. Personnel completing USCG course of instruction and have Commanding Officers' recommendation can be awarded this NEC. Submit NAVPERS 1221/6 to PERS-4013D2.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
**U22A - MTU 2000 Series Diesel Engine Technician**

Operates and performs organizational preventative maintenance, trouble shoots systems/components failures and performs corrective maintenance specifically on MTU 2000 series diesel engines, associated pumps and equipment in accordance with manufacturer’s recommendations.

- **Source Rating:** EN
- **Billet Paygrades:** E5-E7
- **Course:** Mandatory
- **CIN:** S-062-2001
- **Sequence Code:** 4
- **ESTB Date:** 9/10/15  **REV Date:** 3/1/18
- **Component NEC:** Related NEC
- **Primary Advisor:** NECC
- **Technical Advisor:** CRG-1/CRG-2
- **Personnel Paygrades:** E3-E7
- **CDP:** 12VH
- **NR Ind:** A
- **Legacy NEC Code:** 4307
- **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 U22A upon member completion of applicable factory training.

**U23A - MCM Propulsion Technician**

Operates and maintains, at the organizational level, Isotta Franchini diesel engines used for marine propulsion or generator service. Operates and maintains the SOLAR T-1302S-28AA Gas Turbine Generator set used on board the MCM class ships.

- **Source Rating:** EN
- **Billet Paygrades:** E3-E9
- **Source Rating:** GSE
- **Billet Paygrades:** E5-E6
- **Course:** Mandatory
- **CIN:** A-652-0017
- **Sequence Code:** 4
- **ESTB Date:** 9/24/18  **REV Date:** 9/24/18
- **Component NEC:** Related NEC
- **Primary Advisor:** OPNAV (N95)
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E5-E6
- **CDP:** 06SS
- **NR Ind:** R
- **Legacy NEC Code:** 4324
- **ECM:** BUPERS-32

**NOTES:**
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

**U24A - Fairbanks Morse (38D 8-1/8) and Colt Pielstick (PC2.5V) Diesel Engine Technician**

Operates and performs organizational and/or intermediate maintenance on the Fairbanks Morse and Colt Pielstick diesel engines and associated auxiliary equipment.

- **Source Rating:** EN
- **Billet Paygrades:** E4-E9
- **Course:** Mandatory
- **CIN:** A-652-0323
- **Sequence Code:** 4
- **ESTB Date:** 5/29/18  **REV Date:** 5/29/18
- **Component NEC:** Related NEC
- **Primary Advisor:** OPNAV (N95)
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E4-E9
- **CDP:** 005J
- **NR Ind:** R
- **Legacy NEC Code:** 4333
- **ECM:** BUPERS-32

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.


Safely operates the Advanced Engineering Control System-Machinery Control System (AECS-MCS) using Engineering Operational Sequencing System (EOSS) procedures onboard upgraded LSD 41/49 Class Ships. Operates and performs organizational maintenance on the LSD 41/49 Class AECS propulsion system. Calibrates, inspects, assembles, disassembles, troubleshoots, and overhauls the Colt-Pielstick propulsion diesel, its associated subsystem and power trains.

- **Source Rating:** EN
- **Billet Paygrades:** E4-E9
- **Course:** Mandatory
- **CIN:** A-652-0349 (P/L)
- **Sequence Code:** 4
- **ESTB Date:** 3/1/18  **REV Date:** 3/1/18
- **Component NEC:** Related NEC
- **Primary Advisor:** OPNAV (N95)
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E4-E9
- **CDP:** 594T
- **005F
- 10Y9, 10YA, 10YB
- **NR Ind:** R
- **Legacy NEC Code:** 4334
- **ECM:** BUPERS-32

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.
U26A - 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  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E9
Course: OJT, JQR  CIN: V-652-4340  CDP: 02HB, 6829, 682A, 682F, 682G, 682H
Sequence Code: 3  ESTB Date: REV Date: 3/1/18  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code: 4340
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 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.

U27A - 16V146TI Diesel Engine/Waste Heat System Technician - NEC Code Disestablished (Recode all Billets & Personnel to 0000)
U28A - LAMPS MK III RAST Mechanical Maintenanceman
Performs organizational maintenance on Recovery Assist, Securing and Traversing (RAST) system hydraulic and mechanical subassemblies. Removes and replaces failed modules and piece parts.

Source Rating: MM  Billet Paygrades: E4-E7  Personnel Paygrades: E3-E7
Course: Mandatory  CIN: K-652-2205  CDP: 159H
Sequence Code: 4  ESTB Date: REV Date: 7/13/18  NR Ind: K
Component NEC:  Related NEC:  Legacy NEC Code: 4355
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
2. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.
3. Last reviewed during “MM TRR” completed 7/13/18.

U29A - Causeway Lighterage Engineer
Maintains the Improved Navy Lighterage System Warping Tug (WT) and/or Causeway Ferry (CF).

Source Rating: EN  Billet Paygrades: E4-E7  Personnel Paygrades: E3-E8
Course: Mandatory  CIN: K-062-0111  CDP: 00SD
Sequence Code: 4  ESTB Date: REV Date: 1/10/20  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code: 4370
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. Must be Second Class Swimmer Qualified and have Normal Color Perception.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

U30A - Auxiliary Systems Technician
Performs at the organizational level, operational procedures and preventive and corrective maintenance on auxiliary systems onboard CG-47 and DDG-51.

Source Rating: MM  Billet Paygrades: E4-E7  Personnel Paygrades: E3-E9
Course: Mandatory  CIN: K-652-2167 (P/L)  CDP: 01IQ
Sequence Code: 4  ESTB Date: REV Date: 7/13/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 4398
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.
2. Last reviewed during “MM TRR” completed 7/13/18.
### U31A - Advanced Machinery Repairman

Performs calculations using basic algebra and trigonometry to manufacture from blueprints, 1-2-3 blocks, spur, helical, bevel gears, and worm/worm wheels utilizing engine lathes and universal milling machines. Understand the set up and operation of the vertical turret lathe, and horizontal boring machine for machining large bulky items. Sharpen and restore drill bits, pump shafts and various milling machine cutters utilizing tool and cutter grinders, surface grinders and cylinder grinders. Understand the operation and function of the electric disintegrator to remove broken bolts and taps. Understanding the nature and physical properties of metal and alloys with demonstration and practice in metal testing, identification and heat treating.

<table>
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<tr>
<th>Source Rating: MR</th>
<th>Billet Paygrades: E4-E6</th>
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<tr>
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<td>CDP: 5251</td>
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<tr>
<td>Primary Advisor:</td>
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<td>Technical Advisor:</td>
<td>NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
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</table>

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 12/12/19.

### U32A - 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.

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<td>ECM: BUPERS-32</td>
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**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

### U33A — 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.

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<td>Technical Advisor:</td>
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<td>ECM: BUEPRS-32</td>
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**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 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 journeymen-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeymen certification.

### U34A - 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.

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<td>Course: OJT, JQR</td>
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<td>CDP: 02HN, 14S1, 14S2, 14S3, 14S4, 14S7, 14SC, 14SD, 14SE, 14SF, 14SG, 16W6, 16WB, 16WC, 16WD, 16WE, 16WF, 16WG, 16WH, 16WJ, 16WK, 16WL, 16WM, 17PE, 693C, 693D, 693G, 693J, 693K</td>
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<td>Primary Advisor:</td>
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<td>ECM: BUPERS-32</td>
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**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 JQR located at [https://navsea.navy.deps.mil/field/CNRMC/NAMTS/jqrlib.aspx](https://navsea.navy.deps.mil/field/CNRMC/NAMTS/jqrlib.aspx).
U35A - 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)

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.

U36A - 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:  
Primary Advisor: OPNAV (N95)

U37A - 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 Operational 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:  
Primary Advisor: OPNAV (N95)

U38A - CG-47/LHD-1 Electrical Component Maintenance Technician
Performs operational, preventive and corrective maintenance on CG-47/LHD-1 unique electrical components, 400HZ Static Frequency Converters and the SSM Degaussing System.

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

NOTES:  
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.  
2. Last reviewed during “EM TRR” completed 7/13/18.
U39A - 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: OJT, JQR
- Sequence Code: 3
- Component NEC: OPNAV (N96)
- Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E9
Billet Paygrades: E3-E7
CIN: V-662-4650 (P/L)
ESTB Date: 7/30/13      REV Date: 3/1/18
Component NEC: Related 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 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.

U40A - 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: OJT, JQR
- Sequence Code: 3
- Component NEC: OPNAV(N96)
- Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E9
Billet Paygrades: E3-E7
CIN: V-662-4650 (P/L)
ESTB Date: 7/30/13      REV Date: 3/1/18
Component NEC: Related 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 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.

U41A - 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: OPNAV (N96)
- Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E9
Billet Paygrades: E4-E7
CIN: A-647-0019
ESTB Date: 7/13/18      REV Date: 7/13/18
Component NEC: Related 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 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.

U42A - 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: OPNAV (N98)
- Primary Advisor: OPNAV (N98)

Personnel Paygrades: E3-E6
Billet Paygrades: E4-E6
CIN: C-604-2013      REV Date: 1/10/20
Component NEC: Related NEC:
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR, NAVSEA 05
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
U43A - LAMPS MK III RAST/HRS Electrical Maintenanceman
Performs maintenance on RAST system components. Repairs failed electrical and electronic components by removal and replacement to the lowest replaceable unit (LRU).

Source Rating: EM  Billet Paygrades: E4-E7  Personnel Paygrades: E3-E7
Course: Mandatory  CIN: K-652-2204  CDP: 159G
Sequence Code: 4  ESTB Date:  REV Date: 7/13/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 4673
Primary Advisor: OPNAV (N96)/(N98)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.
2. Last reviewed during “EM TRR” completed 7/13/18.

U44A - 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 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: 3/1/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 4685
Primary Advisor: OPNAV (N95)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

U45A - 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: 8/13/15  REV Date: 7/13/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 4686
Primary Advisor: OPNAV (N95)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.
2. Last reviewed during “EM TRR” completed 7/13/18.

U46A - Senior Enlisted Damage Control (DC) Program Management and Training Specialist
Performs managerial and safety supervisor functions in support of 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 firefighting systems. Assists the DC Assistant in organizing and training the ship's damage control and firefighting 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: 12/12/19  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 4811
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. Confidential security clearance is required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 12/12/19.
U47A - 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: JQR, OJT
CIN: V-700-4911 (P/L)

Personnel Paygrades: E3-E9

Personnel Paygrades: E3-E9

Primary Advisor: OPNAV (N96)
Component NEC: U48A

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 JQR located at https://navsea.navy.deps.mil/field/CNRMC/NAMTS/jqrs.aspx. Training is led by journeymen-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeymen certification.

U48A - U51A - Non-Destructive Testing (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 CHNAYPERS (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 U48A-U51A require certification. Submit NAVPERS 1221/6 to PERS-4013D2 with a verification copy attached. Addressed requests for examiner certification to:

Conventional NEC code U51A: NAVSEA 05 Test Examiner
Certification Agency
Service School Command Great Lakes
Hull Division Bldg. 520
2306 Sheridan Rd.
Great Lakes, IL 60088

U48A - VT MT and PT NDT Inspector
Performs non-destructive 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
CIN: A-701-0033

Personnel Paygrades: E4-E9

Personnel Paygrades: E4-E9

Primary Advisor: OPNAV (N96)/(N97)
Component NEC: Related NEC:

Technical Advisor: NAVSEA 04

ECM: BUPERS-32

U49A - VT MT PT and RT NDT Inspector
Performs non-destructive 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
CIN: A-701-0057

Personnel Paygrades: E4-E9

Personnel Paygrades: E4-E9

Primary Advisor: OPNAV (N96)/(N97)
Component NEC: Related NEC:

Technical Advisor: NAVSEA 04

ECM: BUPERS-32

U50A - VT MT PT and UT Inspector
Performs non-destructive 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
Course: Mandatory
CIN: A-701-0058

Personnel Paygrades: E4-E9

Personnel Paygrades: E4-E9

Primary Advisor: OPNAV (N96)/(N97)
Component NEC: Related NEC:

Technical Advisor: NAVSEA 04

ECM: BUPERS-32
U51A - 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
Course: OJT
Sequence Code: 3
Component NEC: U49A or U50A
Primary Advisor: OPNAV (N96)/(N97)

Billet Paygrades: E7-E9
Personnel Paygrades: E6-E9

CIN: V-711-4952 (P/L)
ESTB Date: 3/1/18
REV Date: 3/1/18
NR Ind: R
Legacy NEC Code: 4946
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 NEC code U49A and/or U50A 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 (U49A and/or U50A) upon being awarded NEC code U51A.

U52A - 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
Course: OJT, JQR
Sequence Code: 3
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV (N96)

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

CIN: V-711-4952 (P/L)
ESTB Date: 3/1/18
REV Date: 3/1/18
NR Ind: A
Legacy NEC Code: 4952
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 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.

U53A - Advanced Welder

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

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

CIN: A-701-0027
ESTB Date: 3/1/18
REV Date: 3/1/18
NR Ind: R
Legacy NEC Code: 4955
ECM: BUPERS-32

NOTES:
1. NEC code U53A 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.
U54A - Navy Afloat Maintenance Training Strategy (NAMTS) General Shipboard Welder/Brazier
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.

<table>
<thead>
<tr>
<th>Source Rating: HT</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E8</th>
</tr>
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<tbody>
<tr>
<td>Course: OJT, JQR</td>
<td>CIN: V-700-4959 (P/L)</td>
<td>CDP: 13N2, 13N3, 13N4, 13N5, 13N6, 13N7, 13N8, 13N9, 13NA, 13NB</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 3/1/18</td>
<td>NR Ind: A</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>OPNAV (N96)</td>
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</tbody>
</table>

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 JQR located at [https://navse.portal.navy.mil/field/cnrmc/namts/](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.

U55A - DDG 51 FLT IIA Gas Turbine Electrical Maintenance Technician
Operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG 51 FLT IIA gas turbine main propulsion and electrical generating plant control systems.

<table>
<thead>
<tr>
<th>Source Rating: GS, GSE</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-652-0329</td>
<td>CDP: 004X</td>
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<td>A-652-0430</td>
<td>14VA</td>
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<td>A-651-9007</td>
<td>11MX, 11MY, 18M7</td>
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<td>Sequence Code: 3</td>
<td>ESTB Date: 10/2/17</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
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<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>ECM: BUPERS-32</td>
</tr>
<tr>
<td>OPNAV (N96)</td>
<td>NAVSEA (05)</td>
<td></td>
</tr>
</tbody>
</table>

U56A - Electromagnetic Aircraft Launch System (EMALS)/Advance Arresting Gear (AAG) Electrician
Performs pre/post operational system checks, system operations and maintenance on electrical control systems of EMALS and AAG. Monitors and identifies conditions which may lead to an emergency and/or casualty, and initiates corrective and/or emergency procedures.

<table>
<thead>
<tr>
<th>Source Rating: EM, IC</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E4-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: C-604-2032</td>
<td>CDP: 18MN</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 12/4/17</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
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<td>Primary Advisor:</td>
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<td>ECM: BUPERS-32</td>
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<tr>
<td>OPNAV (N98)</td>
<td>NAVAIR (PMA 251)</td>
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</tbody>
</table>

NOTE: NEC code awarded after completion of Cadre (factory) training conducted by General Atomics in Lakehurst, New Jersey, pending implementation of formal training.

U57A - Senior Auxiliary Engineer
Masters-level technician to manage and supervise operations and maintenance of various shipboard auxiliaries and deck systems to include Amphibious Assault, Boat Handling, UNREP, Anchoring and Hull Outfitting Equipment. Management and supervision of equipment material condition assessments, preventive maintenance, trend analysis and troubleshooting, and corrective maintenance. Responsible for administrative duties required to support auxiliary engineering personnel in their performance of organizational-level maintenance tasks.

<table>
<thead>
<tr>
<th>Source Rating: MM</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E5-E9</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-652-8000</td>
<td>CDP: 18GG</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 6/28/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: U59A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code:</td>
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<tr>
<td>Primary Advisor: OPNAV (N95)/(N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

U58A - Deck Systems Electrical Technician
Performs organizational electrical maintenance on various deck equipment and systems to include Amphibious Assault, UNREP, Anchoring and Hull Outfitting Equipment.

<table>
<thead>
<tr>
<th>Source Rating: EM</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-690-0800</td>
<td>CDP: 17ZV, 17ZW</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 6/28/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
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<td>Legacy NEC Code:</td>
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<tr>
<td>Primary Advisor: OPNAV (N95)/(N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
U59A - Deck Systems Mechanical Technician
Performs organizational mechanical maintenance on the various deck equipment and systems to include Amphibious Assault, Boat Handling, UNREP, Anchoring and Hull Outfitting Equipment.

- **Source Rating:** MM
- **Billet Paygrades:** E5-E7
- **Course:** Mandatory
- **CIN:** A-690-0801
- **Sequence Code:** 4
- **ESTB Date:** 6/28/18
- **REV Date:** NR Ind: R
- **Related NEC:**
- **Primary Advisor:** OPNAV (N95) / (N96)
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E4-E8
- **CDP:** 17ZX, 17ZY
- **Legacy NEC Code:**

U60A - Advanced Degaussing Maintenance Technician
Performs operation, troubleshooting, and repair to the subassembly or component level for shipboard Advanced Degaussing Systems installed onboard CVN-77, CVN-78, DDG-1000, LCS-1, and LPD-17 Class ships.

- **Source Rating:** EM
- **Billet Paygrades:** E5-E9
- **Course:** Mandatory
- **CIN:** A-690-0122
- **Sequence Code:** 3
- **ESTB Date:** 10/30/18
- **REV Date:** NR Ind: A
- **Related NEC:**
- **Primary Advisor:** OPNAV (N96)
- **Technical Advisor:** NAVSEA (05)
- **Personnel Paygrades:** E4-E9
- **CDP:** 13T0
- **Legacy NEC Code:**

U61A - LHA-6 (AMERICA)/LHD-8 (MAKIN ISLAND) Class Ship Machinery Control System (MCS) Maintainer
Performs LHA-6 and LHD-8 Class Ship MCS advanced organizational and/or intermediate maintenance to the Lowest Repairable Unit (LRU) (circuit cards, power supplies, batteries, relay, fiber optic cable connectors, etc.) using the Built-In Test (BIT) and other supplementary data contained in technical manuals and maintenance documentation.

- **Source Rating:** EM, ET, GS, GSE, IT
- **Billet Paygrades:** E4-E9
- **Course:** Mandatory
- **CIN:** A-651-9019 (P/L)
- **Sequence Code:** 3
- **ESTB Date:** 2/5/19
- **REV Date:** 3/12/19
- **Related NEC:**
- **Primary Advisor:** OPNAV (N95)
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E4-E9
- **CDP:** 20B5
- **Legacy NEC Code:**

NOTE: Last reviewed during “SWOS TRR” completed 3/12/19.

U62A - LHA-6 (AMERICA)/LHD-8 (MAKIN ISLAND) Class Ship Auxiliary Propulsion System (APS) Electrical Maintenance Technician
Operates and performs advanced organizational and/or intermediate level electrical maintenance to the component level on LHA-6 and LHD-8 Class Ship APS.

- **Source Rating:** EM, GS, GSE
- **Billet Paygrades:** E4-E9
- **Course:** Mandatory
- **CIN:** A-662-0015
- **Sequence Code:** 3
- **ESTB Date:** 2/5/19
- **REV Date:** NR Ind: R
- **Related NEC:**
- **Primary Advisor:** OPNAV (N95)
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E4-E9
- **CDP:** 17ZS
- **Legacy NEC Code:**

U63A - LHA-6 (AMERICA)/LHD-8 (MAKIN ISLAND) Class Ship Gas Turbine Mechanical Maintenance Technician
Performs LHA-6 and LHD-8 Class Ship advanced organizational and/or intermediate mechanical maintenance on the LM2500+ Single Annular Combustor (SAC) Main Propulsion Gas Turbine Engine (GTE)

- **Source Rating:** GS, GSM
- **Billet Paygrades:** E4-E9
- **Course:** Mandatory
- **CIN:** A-652-0365 (P/L)
- **Sequence Code:** 3
- **ESTB Date:** 2/5/19
- **REV Date:** NR Ind: R
- **Related NEC:**
- **Primary Advisor:** OPNAV (N95)
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E4-E9
- **CDP:** 19HN
- **Legacy NEC Code:**

NOTE: Last reviewed during “SWOS TRR” completed 3/12/19.
U64A - LHA-6 (AMERICA)/LHD-8 (MAKIN ISLAND) Class Ship Gas Turbine Electrical Maintenance Technician
Performs LHA-6 and LHD-8 Class Ship advanced organizational and/or intermediate electrical maintenance on the LM2500+ Single Annular Combustor (SAC) Main Propulsion Gas Turbine Engine (GTE).

Source Rating: GS, GSE  
Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
Course: Mandatory  
CIN: A-652-0444 (P/L)  
CDP: 20B7  
Sequence Code: 3  
ESTB Date: 2/5/19  
REV Date: 3/12/19  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV (N95)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTE: Last reviewed during “SWOS TRR” completed 3/12/19.

U65A - Amphibious Command Ship (LCC)/Landing Helicopter Dock (LHD) Steam Plant Operations (SPO) Qualified
Identifies personnel who have completed an assignment onboard a qualifying LCC/LHD platform and are SPO qualified.

Source Rating: MM  
Billet Paygrades:  
Personnel Paygrades: E4-E9  
Course: PQS  
CIN:  
CDP:  
Sequence Code: 3  
ESTB Date: 2/19/19  
REV Date:  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV (N95)/(N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTES:
1. Member must have served on an LCC or LHD platform and qualified in NAVEDTTRA 43521-0B LHD-1 Engineering Officer of the Watch (EOOW) PQS or NAVEDTTRA 43132-OC LCC-19 Class Engineering Officer of the Watch (EOOW) PQS; for lower watchstations NAVEDTTRA 43708-LHD-1 Main Propulsion PQS or NAVEDTTRA 43723-LCC-19 Class Main Propulsion PQS.
2. Member must submit NAVPERS 1221/6 endorsement and copies of documentation reflecting qualifications achieved to PERS-4013 for awarding of this NEC code.

U66A - Mechanical Habitability Auxiliary Technician
Performs mechanical preventive maintenance, troubleshooting and corrective maintenance tasks at the journeyman level on galley, laundry and solid waste processing equipment onboard all Naval Surface Ship classes.

Source Rating: EN, MM  
Billet Paygrades: E4-E6  
Personnel Paygrades: E4-E6  
Course: Mandatory  
CIN: A-652-0899  
CDP: 19R1, 19R2  
Sequence Code: 4  
ESTB Date: 7/23/19  
REV Date:  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV N96  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

U67A - Electrical Habitability Auxiliary Technician
Performs electrical preventive maintenance, troubleshooting and corrective maintenance tasks at the journeyman level on galley, laundry and solid waste processing equipment onboard all Naval Surface Ship classes.

Source Rating: EM  
Billet Paygrades: E4-E6  
Personnel Paygrades: E4-E6  
Course: Mandatory  
CIN: A-652-0900  
CDP: 19PZ, 19RO  
Sequence Code: 4  
ESTB Date: 7/29/19  
REV Date:  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

U68A - Steering Gear Systems Mechanical Technician
Performs Organizational or Intermediate Level Preventive Maintenance (PM) and Corrective Maintenance (CM) on shipboard steering systems to include operation and troubleshooting.

Source Rating: MM  
Billet Paygrades: E5-E6  
Personnel Paygrades: E4-E7  
Course: Mandatory  
CIN: A-652-9018 (P/L)  
CDP: 20AW  
Sequence Code: 4  
ESTB Date: 7/26/19  
REV Date:  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32
U69A - LCS-1 (Freedom Variant) Readiness Control Officer (RCO)
Cross-trained in Main Propulsion and Support systems, Auxiliary systems, Electrical systems, Damage Control systems and the Main Propulsion Control and Monitoring System (MPCMS). Serve in supervisory and watch team management as well as advanced technical positions as RCO at sea and Engineering Duty Officer (EDO) in port. Utilizing Human Machine Interfaces (HMI), Local and Remote Control Panels and Consoles, System Diagrams, oversee or perform aligning, operating, monitoring and casualty control procedures on all engineering systems in accordance with Engineering Operational Sequencing System (EOSS). Using PQS manuals, oversee career training of junior personnel. Using PMS maintenance cards, ship’s technical manuals and EOSS procedures, supervise and guide planned and corrective maintenance. Perform tasks associated with the RCO (underway) and EDO (in port) shipboard watch station/position with limited to no supervision under all conditions of readiness.

Source Rating: DC, EM, EN, GS, GSE, GSM  
Billet Paygrades: E6-E8  
Personnel Paygrades: E6-E8  
Course: Mandatory  
CIN: A-651-5005  
CDP: 12L6, 18LR  
Sequence Code: 3  
ESTB Date: 7/26/19  
REV Date: 7/26/19  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA PMS 505  
ECM: BUPERS-32  

U70A - LCS-2 (Independence Variant) Readiness Control Officer (RCO)
Cross-trained in Main Propulsion and Support systems, Auxiliary systems, Electrical systems, Damage Control systems and the Engineering Control system (ECS). Serve in supervisory and watch team management as well as advanced technical positions as RCO at sea and Engineering Duty Officer (EDO) in port. Utilizing Human Machine Interfaces (HMI), Local and Remote Control Panels and Consoles, System Diagrams, oversee or perform aligning, operating, monitoring and casualty control procedures on all engineering systems in accordance with Engineering Operational Sequencing System (EOSS). Using PQS manuals, oversee career training of junior personnel. Using PMS maintenance cards, ship’s technical manuals and EOSS procedures, supervise and guide planned and corrective maintenance. Perform tasks associated with the RCO (underway) and EDO (in port) shipboard watch station/position with limited to no supervision under all conditions of readiness.

Source Rating: DC, EM, EN, GS, GSE, GSM  
Billet Paygrades: E6-E8  
Personnel Paygrades: E6-E8  
Course: Mandatory  
CIN: A-651-5006  
CDP: 12L7  
Sequence Code: 3  
ESTB Date: 7/29/19  
REV Date: 7/29/19  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA PMS 505  
ECM: BUPERS-32  

U71A - DDG 51-M Gas Turbine Electrical Maintenance Technician
Operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG-M, DDG 51 gas turbine main propulsion and electrical generating plant control systems.

Source Rating: GS, GSE  
Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
Course: Mandatory  
CIN: A-652-0443 (P/L)  
CDP: 20B4  
Sequence Code: 4  
ESTB Date: 7/30/19  
REV Date: 10/2/19  
NR Ind: R  
Component NEC: Related NEC: U05A, U55A  
Legacy NEC Code:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  

NOTES:
1. Personnel who previously participated in DDG-M Modernization Backfit installation and testing, completed courses G-651-0612 DDG-M Modernization Backfit Machinery Control System Universal Control Console Operations Training and G-651-0613 DDG-M Modernization Backfit Machinery Control System Maintenance Training are also eligible to earn this NEC code. Submit NAVPERS 1221/6 with Commanding Officer’s endorsement to NAVPERS-4013 to receive the new NEC code.
2. Last reviewed during “GS TRR” completed 10/2/19.

U74Z - 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  
Billet Paygrades:  
Personnel Paygrades: E2-E9  
Course: OJT  
CIN:  
CDP:  
Sequence Code: 8  
ESTB Date: 4/1/16  
REV Date: 7/26/18  
NR Ind: R  
Component NEC: Related NEC:  
Legacy NEC Code: 3374  
Primary Advisor: OPNAV(N133D)  
Technical Advisor: NAVSEA 08  
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 must be signed by the currently serving CVN 68 Class Reactor Officer and must verify notes (1) and (3) or (2) 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 Nuclear Enlisted Program Manager, OPNAV (N133D).
7. This NEC code may be awarded to designated Firemen (E-3) meeting the qualification requirement identified for MMs and ENs of notes 1 through 5 above.
VXXX - SURFACE (TECHNICAL) COMMUNITY & CAREER FIELD

V000 - Interior Communications Electrician (IC) Apprentice Technical Training (ATT) (BL-1)
Performs entry level job tasks equivalent to that of an IC rating within 12-24 months of a Sailor’s training continuum. Personnel acquiring this skill set will have knowledge and skills associated with basic electricity and electronics to include Diodes, Microprocessors, Programmable Logic Controllers and other associated devices and subsystems.

Source Rating: IC  
Billet Paygrades:  
Personnel Paygrades: E2-E3
Course: Mandatory  
CIN: A-100-0098  
CDP: 19SV
Sequence Code: 6  
ESTB Date: 4/9/19  
REV Date:  
NR Ind: N
Component NEC: V001  
Related NEC: 784A  
Legacy NEC Code:
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA (PMS 339)  
ECM: BUPERS-32

V001 - Interior Communications Electrician (IC) Combined "A" School (BL-0)
Performs entry level job tasks equivalent to that required of an IC rating prior to initial operational tour. Standards at this level require the students to perform the task completely but may require further training or practice necessary prior to the Sailor’s First Fleet assignment. Personnel acquiring this skillset will have knowledge and skills associated with Switchboards, Auxiliary Electrical Systems, Amplified Voice Systems and Basic Alarm, Safety and Warning Systems.

Source Rating: IC  
Billet Paygrades:  
Personnel Paygrades: E2-E3
Course: Mandatory  
CIN: A-100-0097  
CDP: 10N3
Sequence Code: 6  
ESTB Date: 4/9/19  
REV Date:  
NR Ind: N
Component NEC:  
Related NEC:  
Legacy NEC Code:
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA (PMS 339)  
ECM: BUPERS-32

V010 - Electronics Technician (ET) Combined "A" School (BL-1)
Performs ET journeyman-level continuation training. Knowledgeable of advanced concepts to comprehend electrical/electronic theories, communication principles, radar principles, navigation principles and networking principles. Performs advanced troubleshooting of systems down to the component and module levels for Basic Radar, Basic Communication Systems and Planned Position Indicators.

Source Rating: ET  
Billet Paygrades:  
Personnel Paygrades: E3-E4
Course: Mandatory  
CIN: A-100-0153  
CDP: 19YN
Sequence Code: 6  
ESTB Date: 1/28/20  
REV Date:  
NR Ind: A
Component NEC: V011  
Related NEC:  
Legacy NEC Code:
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA (PMS 339)  
ECM: BUPERS-32

V011 - Electronics Technician (ET) Combined "A" School (BL-0)
Performs entry level job tasks equivalent to that required of an ET rating prior to initial operational tour. Knowledgeable of concepts to comprehend electrical/electronic theories, communication principles, radar principles, navigation principles, basic networking principles, communication networking principles and C4I. Perform basic troubleshooting of systems down to the component and module levels for Basic Radar, Basic Communication Systems, and Planned Position Indicators are introduced.

Source Rating: ET  
Billet Paygrades:  
Personnel Paygrades: E2-E3
Course: Mandatory  
CIN: A-100-0092  
CDP: 10MX
Sequence Code: 6  
ESTB Date: 1/28/20  
REV Date:  
NR Ind: A
Component NEC: V011  
Related NEC:  
Legacy NEC Code:
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA (PMS 339)  
ECM: BUPERS-32

V020 - Fire Controlman (FC) Combined "A" School (BL-1)
Performs FC journeyman-level job tasks for sustainment or continuation training on concepts to comprehend and troubleshoot electrical/electronic/mechanical systems and radar principles at the apprentice level, greatly contributing to the overall operational readiness of any ship or shore command.

Source Rating: FC  
Billet Paygrades:  
Personnel Paygrades: E1-E5
Course: Mandatory  
CIN: A-100-0330  
CDP: 19WW
Sequence Code: 6  
ESTB Date: 1/28/20  
REV Date:  
NR Ind: N
Component NEC: V021  
Related NEC:  
Legacy NEC Code:
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA (PMS 339)  
ECM: BUPERS-32
V021 - Fire Controlman (FC) Combined "A" School (BL-0)
Knowledgeable of basic skills to perform FC entry level job tasks required of the rating prior to an initial operational tour. Familiar with the concepts and working theory to comprehend electrical/electronic theories, communication principles, radar principles and basic networking principles. Knowledgeable of basic systems troubleshooting down to the component and module levels for basic radar and basic electrical/electronic/mechanical systems introduction.

Source Rating: FC
Course: Mandatory
Sequence Code: 6
Component NEC: V021
Primary Advisor: OPNAV (N96)

V030 - Gunner's Mate (GM) Combined "A" School (BL-1)
Performs GM journeyman-level job tasks within first 12-24 months of Sailor's training continuum. Basic knowledge and skills associated with operating and performing maintenance on Surface Vessel Torpedo Tube (SVTT) and make minor electrical, electronic, hydraulic mechanical, and Servo System casualty analysis and repairs at shipboard levels.

Source Rating: GM
Course: Mandatory
Sequence Code: 6
Component NEC: V030
Primary Advisor: OPNAV (N96)

V031 - Gunner's Mate (GM) Combined "A" School (BL-0)
Knowledgeable of basic skills to perform GM entry level job tasks required of the rating prior to an initial operational tour. Standards at this level require the Sailor to perform task completely but will require further training or practice prior to the Sailor's first Fleet assignment if a follow on 'C' school is required. Basic knowledge and skills associated with operating and performing maintenance on Gun, Missile, Magazine Sprinkler Systems, Small Arms and Ordnance Handling Equipment at the shipboard level.

Source Rating: GM
Course: Mandatory
Sequence Code: 6
Component NEC: V031
Primary Advisor: OPNAV (N96)

V00A - AN/SRQ-4 W/ EC-181 Ku Band Radio Terminal Set Electronics Technician
Performs preventive and corrective maintenance on the AN/SQR-4 W/EC-181 Ku Band System.

Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: V00A
Primary Advisor: OPNAV (N96)

V00B - Radar (AN/SPS-40E) Technician

Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: V00B
Primary Advisor: OPNAV (N96)

NOTES:
1. Secret security clearance required.
2. Individual must meet physical qualifications as stated in Manual for Naval Personnel.

V00C - Radar (AN/SPS-40H) Technician

Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: V00C
Primary Advisor: OPNAV (N96)

NOTE: The course is taught by the U.S. Coast Guard. To obtain a quota contact the Coast Guard Training Quota Management Center, Chesapeake, VA, the course number is 250409.
V01A - 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
Course: Mandatory
Sequence Code: 5
Component NEC: V03A
Primary Advisor: OPNAV (N96)

NOTE: Last reviewed during “ET TRR” completed 11/6/17.

V01B - 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
Course: Mandatory
Sequence Code: 5
Component NEC: V03B, V04B
Primary Advisor: OPNAV (N96)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 3/12/18.

V02A - 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
Course: Mandatory
Sequence Code: 5
Component NEC: V19A
Primary Advisor: OPNAV (N96)

NOTE: Last reviewed during “ET TRR” completed 11/6/17.

V02B - AN/SPS-73(V)12 and AN/SPS-73A(V)12 Maintenance Technician
Performs documented preventative and corrective maintenance on AN/SPS-73(V)12 and AN/SPS-73A(V)12 Surface Search Radar Sets under all conditions of readiness, in port and underway.

Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: V11A or V24A
Primary Advisor: OPNAV(N96)

NOTE: Last reviewed during “ET TRR” completed 11/6/17.

V03A - AEGIS Computer System Ballistic Missile Defense (BMD) 4.X Technician
Performs preventative and corrective maintenance on the BMD 4.X system and associated components following the BMD 4.X installation. Technicians perform maintenance including fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the BMD 4.X Operational Readiness Test System (ORTS) and supporting work package documentation.

Source Rating: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: V11A or V24A
Primary Advisor: OPNAV(N96)

NOTES:
1. Completion of Tactical Operating Environment, A-150-0194 or Networking, A-150-0195 course is a prerequisite to attending formal training.
2. Secret security clearance required.
V03B - Standard Terminal Automation Replacement System (STARS) Maintenance Technician
Performs organizational maintenance on the AN/FSQ-20H Standard Terminal Automation Replacement System (STARS) and the AN/FYC-22 Visual Information Display System (VIDS). Uses general and special purpose test equipment, built-in test equipment, trouble analysis, and networking administration on the AN/FSQ-204.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: C-103-2025</td>
<td>CDP: 5855</td>
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<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date:</td>
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<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR, NAVSEA 05</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 3/12/18.

V04A - 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: FCA</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-4000 (P/L)</td>
<td>CDP: 09MR</td>
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<td>Sequence Code: 3</td>
<td>ESTB Date: 3/14/2012</td>
<td>REV Date: 10/1/17</td>
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<tr>
<td>Component NEC: V13A or V16A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1093</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N96)</td>
<td>Technical Advisor: NAVAIR, NAVSEA 05</td>
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</table>

NOTES:
1. 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.

V04B - Digital Airway Surveillance Radar (DASR)

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: C-103-2018</td>
<td>CDP: 6039</td>
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<td>ESTB Date:</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR, NAVSEA 05</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 3/12/18.

V05A - 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: FCA</th>
<th>Billet Paygrades: E4-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-4001 (P/L)</td>
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<td>Sequence Code: 3</td>
<td>ESTB Date: 10/1/17</td>
<td>REV Date: 10/1/17</td>
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<tr>
<td>Component NEC: V14A or V23A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1094</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVAIR, NAVSEA 05</td>
</tr>
</tbody>
</table>

NOTE: Secret security clearance required.

V05B - 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.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: C-103-2115 (P/L)</td>
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<td>ESTB Date:</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR, NAVSEA 05</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 3/12/18.
V06A - AEGIS Fire Control System (FCS) Ballistic Missile Defense (BMD) 5.X Technician
Performs preventative and corrective maintenance on the BMD 5.X system and associated components following the BMD 5.X installation on Destroyers. Performs maintenance to include fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the BMD 5.X Operational Readiness Test System (ORTS) and supporting documentation.

Source Rating: FCA  Billet Paygrades: E4-E7  Personnel Paygrades: E1-E9
Course: Mandatory  CIN: A-104-4001  CDP: 09N0
Sequence Code: 3  ESTB Date:  REV Date: 10/1/17  NR Ind: R
Component NEC: V28A  Related NEC:  Legacy NEC Code: 1095
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05, PEO IWS 1.0  ECM: BUPERS-32

NOTE: Secret security clearance required.

V06B - AN/UPX-29(V) Ship System Maintainer
Provides Preventive Maintenance (PM) and Corrective Maintenance (CM) on the AN/UPX-29(V) AIMS Central IFF system (CIS) consisting of the following sub systems: OE-120/UPX Antenna Group (AS3134 Antenna, CV-3372 Antenna Position Programmer, C-10063 Antenna Control), AN-QPX-24(V) Interrogator Set (CP-1273 Central Processor Controller, C-10065 Control-Monitor, C-10064 Remote Control Indicator), KIR-1A/TSEC Crypto Computer, AN/UPX-27 Interrogator Set (AS-2188/UPX Linear Array Antenna, AS-177(B)/UPX Omni Directional Antenna, SA-1807/UPA-61 Electronic Switch, and C-8834/UPA-61 Control Monitor).

Source Rating: ET  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E7
Course: Mandatory  CIN: S-102-0085  CDP: 931G
Sequence Code: 3  ESTB Date:  REV Date: 5/29/18  NR Ind: R
Component NEC: V07B  Related NEC:  Legacy NEC Code: 1571
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V07A - 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  Billet Paygrades: E6-E9  Personnel Paygrades: E5-E9
Course: Mandatory  CIN: A-121-0058 (P/L)  CDP: 10KY
Sequence Code: 3  ESTB Date: 8/10/12  REV Date: 10/1/17  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 1097
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05, PEO IWS 1.0  ECM: BUPERS-32

NOTES:
1. Attendance in AEGIS Weapon System MK-7 (BL 3/5) CIN/CDP S-121-0547/198N is a prerequisite to earning this NEC code.
2. Secret security clearance required.
3. Personnel must have a minimum of two years operational AEGIS BMD experience at the E5 paygrade before attending A-121-0058 (P/L).
4. Last reviewed during “FCA TRR” completed 10/1/17.

V07B - 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  Billet Paygrades: E3-E7  Personnel Paygrades: E3-E7
Course: Mandatory  CIN: A-102-0062  CDP: 4784
Sequence Code: 5  ESTB Date:  REV Date: 10/1/17  NR Ind: N
Component NEC:  Related NEC:  Legacy NEC Code: 1572
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32
V08A - 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  
Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
Course: Mandatory  
CIN: S-121-0548  
CDP: 941F, 10YT, 10YU  
Sequence Code: 3  
ESTB Date: 10/1/17  
REV Date: 10/1/17  
NR Ind: R  
Component NEC: V45A or V52A or V57A or V61A or V65A or V72A  
Related NEC:  
Legacy NEC Code: 1104  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05, PEO IWS 1.0  
ECM: BUPERS-32

NOTE: Secret security clearance required.

V09A - 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  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
Course: Mandatory  
CIN: A-150-0935 (P/L)  
CDP: 11FJ  
Sequence Code: 4  
ESTB Date: 10/1/17  
REV Date: 10/1/17  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 1107  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05, PEO IWS 1.0  
ECM: BUPERS-32

NOTE: Secret security clearance required.

V09B - AN/SPS-48G(V)1 Maintenance Technician

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

Source Rating: ET  
Billet Paygrades: E3-E5  
Personnel Paygrades: E3-E6  
Course: Mandatory  
CIN: A-104-0104  
CDP: 0757  
Sequence Code: 4  
ESTB Date: 8/11/11  
REV Date: 5/29/18  
NR Ind: A  
Component NEC:  
Related NEC:  
Legacy NEC Code: 1575  
Primary Advisor: OPNAV(N96)  
Technical Advisor: PEO IWS-2  
ECM: BUPERS-32

NOTE: Secret security clearance required.

V10A - Rolling Airframe Missile (RAM) MK-31 Mod 1 & 3 Guided Missile Weapons Systems Technician

Operates and performs preventive and corrective maintenance on the Rolling Airframe Missile (RAM) MK-31 Mod 1/3 Guided Missile Weapons System (GMWS) at the organizational level using appropriate documentation, tools and test equipment. This includes testing, casualty analysis, fault isolation, alignment, and repair of the individual equipment, the total system and the interface with other systems.

Source Rating: FC  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E8  
Course: Mandatory  
CIN: A-113-0046  
CDP: 09GB  
Sequence Code: 4  
ESTB Date: 10/31/18  
REV Date: 10/31/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 1109  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTES:
1. CIN A-113-0046 now includes instruction for both RAM Mod 1 and Mod 3 Systems.
2. Last reviewed during “FC TRR” completed 10/31/18.
V10B - 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: Mandatory
Sequence Code: 5
Component NEC: V10B
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E7
CIN: A-150-0062 (P/L)
ESTB Date: 3/12/18
Related NEC: V08B
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-E7
CDP: 11CG
REV Date: 10/1/17
Legacy NEC Code: 1578
ECM: BUPERS-32

NOTES:
1. Equipment replaced by STARS NEC V03B. No new assignment of NEC code, will remain until equipment completely removed from fleet.
2. Last reviewed during “NAVMAC Periodicity Review” completed 3/12/18.

V11A - 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: V24A
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E7
CIN: A-150-0062 (P/L)
ESTB Date: 10/1/17
Related NEC: V24A
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E1-E9
CDP: 11CG
REV Date: 10/1/17
Legacy NEC Code: 1111
ECM: BUPERS-32

NOTE: Secret security clearance required.

V11B - 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, subassemblies, and printed circuit cards.

Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: V29B
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
CIN: A-121-0057 (P/L)
ESTB Date: 7/13/17
Related NEC: V29B
Technical Advisor: NAVSEA 05, SPAWAR

Personnel Paygrades: E3-E7
CDP: 10KX
REV Date: 7/13/17
Legacy NEC Code: 1112
ECM: BUPERS-32

V12A - 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: V08B
Primary Advisor: OPNAV (N98)

Billet Paygrades: E6-E9
CIN: A-121-0057 (P/L)
ESTB Date: 7/13/17
Related NEC: V08B
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 10KX
REV Date: 7/13/17
Legacy NEC Code: 1112
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.
3. Personnel must have a minimum of two years operational AEGIS BMD experience at the E5 paygrade before attending A-121-0057 (P/L).
4. Last reviewed during “FCA TRR” completed 7/13/17.
V13A - 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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-0063 (P/L)</td>
<td>CDP: 11CL</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC: V16A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1113</td>
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<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>

NOTE: Secret security clearance required.

V13B - 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).

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: C-103-2046</td>
<td>CDP: 706X</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1590</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
</tr>
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V13A - 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, 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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-0061 (P/L)</td>
<td>CDP: 11CF</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC: V23A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1114</td>
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<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>

NOTE: Secret security clearance required.

V14A - 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, 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.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: C-103-2046</td>
<td>CDP: 5255</td>
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<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1592</td>
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<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Secret security clearance required.

V14B - 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.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: C-103-2063</td>
<td>CDP: 11CF</td>
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<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1114</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

V15A - 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 and intermediate levels onboard Ticonderoga (CG) class ships. Performs casualty analysis, fault detection/isolation, modular replacement, repair, test, and alignment of individual equipment using Built-in-Test capability. Operates and performs watchstanding duties on the GCS MK 160 MOD 11 Gun Consoles (Gunfire Control Supervisor/GFCS & Gun Engagement Consoles/GEC) and Gun Mount Control Panel (GMCP), and associated equipment in support of the ship’s AEGIS combat system during tactical, training, and test/evaluation evolutions.

<table>
<thead>
<tr>
<th>Source Rating: FC</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-113-0009</td>
<td>CDP: 04ZF</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: R</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>

NOTE: Secret clearance required.
V15B - 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) 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) I/YQ-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: Related NEC: V18B
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E9
ESTB Date: 9/19/19
NR Ind: R
Legacy NEC Code: 1601
ECM: BUPERS-32

V16A - 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: V18B
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E7
ESTB Date: 10/1/17
NR Ind: R
Legacy NEC Code: 1119
ECM: BUPERS-32

NOTE: Secret security clearance required.

V16B - 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: Related NEC: V15B or V17B or V18B or V19B
Primary Advisor: OPNAV (N96)
Billet Paygrades: E6-E9
ESTB Date: 1/1/1970
REV Date: 5/29/18
NR Ind: R
Legacy NEC Code: 1615
ECM: BUPERS-32

NOTES:
1. NEC code may be assigned to personnel who have three years supervisory experience in a 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.

V17A - GCS MK-160 MOD 4 Fire Control Technician
Performs planned and corrective maintenance (piece part repair) on the Gun Computer System MK-160 MOD 4 of the Gun Weapons System MK-34 MOD 0 at the organizational and intermediate levels. The GCS MK-160 MOD 4 includes the Gun Console Computer, Computer Display Console, recorder-reproducer, Signal Data Converter/Gun Mount Processor and other equipment. Performs system test and alignment of the GCS MK-160 MOD 4. Operates the equipment during Conditions I and II.

Source Rating: FC
Course: Mandatory
Sequence Code: 5
Component NEC: Related NEC: V15A, V21A, V26A
Primary Advisor: OPNAV(N96)
Billet Paygrades: E4-E7
ESTB Date: 1/10/20
REV Date: 1/10/20
NR Ind: R
Legacy NEC Code: 1120
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
V17B - 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:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E8  
CIN: A-150-0119 (P/L)  
ESTB Date: REV Date: 10/1/17  
Related NEC:  
Technical Advisor: NAVSEA 05 (PMS-461)

NR Ind: R  
Legacy NEC Code: 1624  
ECM: BUPERS-32

V18A - CIWS MK 15 BLOCK 11-14 Technician
Performs preventative and corrective maintenance on assigned equipment at the organizational and/or intermediate level using ordnance publications, circuit diagrams, and other appropriate documentation. Performs casualty analysis and fault isolation. Operates, tests, repairs, and aligns individual equipment and performs kill assessments of designated targets. Operates Local Control Panel (LCP), computer, Remote Control Panel (RCP) and associated equipment as applicable in support of the ship's weapon system in tactical situations as well as during test and evaluation.

Source Rating: FC  
Course:  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E9  
Personnel Paygrades: E3-E9  
CIP:  
ESTB Date: REV Date: 5/29/18  
Related NEC:  
Technical Advisor: NAVSEA 05

NR Ind: R  
Legacy NEC Code: 1121  
ECM: BUPERS-32

NOTES:
1. This NEC code has been superseded by NEC code V19A. Once the phased replacement of this NEC code on 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V18B - 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E9  
Personnel Paygrades: E3-E9  
CIP: 637T  
ESTB Date: REV Date: 9/19/19  
Related NEC:  
Technical Advisor: NAVSEA 05 (PMS-461)

NR Ind: R  
Legacy NEC Code: 1628  
ECM: BUPERS-32

V19A - Phalanx Close-In Weapon System MK 15 MOD 11-14, 21, 22, and 25-28 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 Panel/Local Control Station (LCP/LCS), computer, Remote Control Panel/Remote Control Station (RCP/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:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7  
Personnel Paygrades: E1-E9  
CIP: A-113-0043  
ESTB Date: REV Date: 11/14/17  
Related NEC:  
Technical Advisor: NAVSEA 05

CDP: 08FS, 08FT  
NR Ind: N  
Legacy NEC Code: 1122  
ECM: BUPERS-32

NOTE: Last reviewed during “FC TRR” completed 11/14/17.
V20A - Tactical Tomahawk Weapon Control System (TTWCS) Operation and Maintenance (O&M) Technician
Processes Mission Data Updates and Tomahawk Land Attack Missile 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: V41A  
Primary Advisor: OPNAV (N96)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V21A - 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: V17A  
Primary Advisor: OPNAV (N96)

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V21B - 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/UWY-3(V) Disk Memory Unit, RD-358A(V) Magnetic Tape Unit, TT-624(V) Teleprinter, TD-1320Ar/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/UWH-16(V) Recorder-Reproducer Magnetic Disk and AN/USQ-T46A(V) Battle Force Tactical Trainer (BFTT).

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

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

V22A - 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:  
Primary Advisor: OPNAV (N96)

NOTE: Secret security clearance required.

V22B - 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.

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

NOTE: Secret security clearance required.
V23A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: V21A
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E7
ESTB Date: 10/1/17
Related NEC: V15A
Technical Advisor: NAVSEA 05
Personnel Paygrades: E1-E9
CDP: 113F
Legacy NEC Code: 1143
ECM: BUPERS-32

NOTE: Secret security clearance required.

V23B - Data Link Communications System Maintenance Technician


Source Rating: ET
Course: Mandatory
Sequence Code: 4
Component NEC: V22A
Primary Advisor: OPNAV (N2/N6)
Billet Paygrades: E3-E7
ESTB Date: 10/1/17
Related NEC: V23A
Technical Advisor: SPAWAR
Personnel Paygrades: E3-E7
CDP: 577N
Legacy NEC Code: 9604
ECM: BUPERS-32

NOTE: Personnel without previous shipboard or shore activity experience may require some supervision and on the job training upon reporting for duty.

V24A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: V22A
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E7
ESTB Date: 10/1/17
Related NEC: V23A
Technical Advisor: SPAWAR
Personnel Paygrades: E1-E9
CDP: 478U, 478V
Legacy NEC Code: 1144
ECM: BUPERS-32

NOTE: Secret security clearance required.

V24B - 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
Course: Mandatory
Sequence Code: 4
Component NEC: V22A
Primary Advisor: OPNAV (N2/N6)
Billet Paygrades: E3-E6
ESTB Date: 10/1/17
Related NEC: V23A
Technical Advisor: SPAWAR
Personnel Paygrades: E3-E6
CDP: 478U, 478V
Legacy NEC Code: 9605
ECM: BUPERS-32

NOTE: Secret security clearance required.

V25B - Shipboard Air Traffic Control (SATC) Radar Technician - NEC Code Disestablished (Recode all Billets & Personnel to V34B)

V26A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: V21A
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E8
ESTB Date: 5/29/18
Related NEC: V15A
Technical Advisor: NAVSEA 05
Personnel Paygrades: E3-E9
CDP: 749F
Legacy NEC Code: 1146
ECM: BUPERS-32

V26B - 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
Course: Mandatory
Sequence Code: 4
Component NEC: V21A
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E8
ESTB Date: 5/29/18
Related NEC: V15A
Technical Advisor: NAVSEA 05
Personnel Paygrades: E3-E9
CDP: 749F
Legacy NEC Code: 1146
ECM: BUPERS-32
V26B - High Frequency Radio Group (HFRG) Maintenance Technician
Performs organizational level preventive and corrective maintenance on AN/URC-(131) HFRG systems.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-101-0248</td>
<td>CDP: 478T</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 8/14/19</td>
<td>NR Ind: A</td>
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<td>Component NEC:</td>
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<td>Legacy NEC Code: 9607</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2N6)</td>
<td>ECM: BUPERS-32</td>
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</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/14/19.

V27A - 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.

<table>
<thead>
<tr>
<th>Source Rating: FC</th>
<th>Billet Paygrades: E3-E9</th>
<th>Personnel Paygrades: E3-E9</th>
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<tr>
<td>Course: Mandatory</td>
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<td>CDP: 574T</td>
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<td>Sequence Code: 2</td>
<td>ESTB Date: REV Date: 10/1/17</td>
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<td>Component NEC:</td>
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<td>Primary Advisor:</td>
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<td>ECM: BUPERS-32</td>
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NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V27B - Radar Technician (AN/SPS-67(V)3)
Performs organizational and/or intermediate level maintenance on radar. Makes power output checks and minimum discernible signal tests. Checks standing wave ratio. Inspects and locates faulty waveguide and transmission line sections. Aligns RF, IF, and video amplifier circuits for malfunctions, diagnoses symptoms and isolates, localizes and replaces faulty components and parts to restore equipment to optimum operating condition.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-0215</td>
<td>CDP: 006H</td>
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<td>Sequence Code: 5</td>
<td>ESTB Date: REV Date: 5/29/18</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>ECM: BUPERS-32</td>
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</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V28A - 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).

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E4-E7</th>
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<tr>
<td>Course: Mandatory</td>
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<td>Component NEC:</td>
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<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>ECM: BUPERS-32</td>
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NOTES:
1. Personnel awarded the V23A NEC code may earn this NEC code by attending the A-104-4005/12ZL difference course.
2. Secret security clearance required.

V28B - Radar AN/SPS-49A(V)1 Technician
Performs organizational and/or intermediate level maintenance on AN/SPS-49A(V)1. Makes power output checks and minimum discernible signal tests. Checks standing wave ratio. Inspects and locates faulty waveguide and transmission line sections. Aligns RF, IF and video amplifier circuits for malfunctions, diagnoses symptoms and isolates, localizes and replaces faulty components and parts to restore equipment to optimum operating condition.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
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<td>Component NEC:</td>
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<td>Primary Advisor:</td>
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<td>ECM: BUPERS-32</td>
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</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.
V29A - 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:  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7

CIN:  
ESTB Date:  
REV Date: 9/19/19  
Related NEC:  
Technical Advisor: NAVSEA 05

NOTE: NEC code awarded upon completion of mandatory Program Office training.

V29B - 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: V34B  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7

CIN: C-103-2038  
ESTB Date:  
REV Date: 10/1/17  
Related NEC:  
Technical Advisor: NAVSEA 05

CDP: 01JL  
NR Ind: R  
Legacy NEC Code: 9614

ECM: BUPERS-32

V30A - 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  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7

CIN: A-104-0230  
ESTB Date:  
REV Date: 9/19/19  
Related NEC: V27B  
Technical Advisor: NAVSEA 05

CDP: 00SP  
NR Ind: N  
Legacy NEC Code: 9615

ECM: BUPERS-32

V30B - AN/SPS-67(V)5 Radar Technician
Perform organizational and/or intermediate level maintenance on radar. Perform power output checks and minimum discernible signal tests. Perform alignments in the RF, IF, Video and Power Supply circuits, maintaining equipment in optimum condition. Diagnose malfunctions by symptom recognition to localize and replace faculty sub-assemblies, parts and components to restore equipment to optimum operating conditions.

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

Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7

CIN: A-104-0231  
ESTB Date:  
REV Date: 9/19/19  
Related NEC: V27A  
Technical Advisor: NAVSEA 05

CDP: 00EV  
NR Ind: R  
Legacy NEC Code: 1156

ECM: BUPERS-32

NOTE: Confidential security clearance is required.

V31A - 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  
Sequence Code: 4  
Component NEC: V27A  
Primary Advisor: OPNAV (N96)

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

CIN: A-104-0231  
ESTB Date:  
REV Date: 9/19/19  
Related NEC: V27A  
Technical Advisor: NAVSEA 05 (PMS-471)

CDP: 00EV  
NR Ind: R  
Legacy NEC Code: 1156

ECM: BUPERS-32
V31B - Navigation Systems Maintenance Technician
Performs organizational level maintenance on the following navigation systems: AN/WSN-7 RLGN; IBS/Integrated Bridge Navigation System (IBNS) and Voyage Management System (VMS); AN/WSN-9 Digital Hybrid Speed Log (DHYSL); AN/SSN-6 Navigation Sensor System Interface (NAVSSI) and IP-1747/WSN Control Display Unit (CDU). Isolates, identifies, and takes appropriate maintenance action through the utilization of on-and off-line tests, test equipment and user complaints. Ensures 24-hour a day operation during ship readiness conditions I through V.

Source Rating: ET  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E8  
Course: Mandatory  
CIN: A-670-0017 (P/L)  
CDP: 11YW  
Sequence Code: 4  
ESTB Date: 4/10/15 REV Date: 1/10/20  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 9617  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA-O5H  
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

V32A - 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:  
CIN:  
CDP:  
Sequence Code: 3  
ESTB Date: REV Date: 11/9/17  
NR Ind: A  
Component NEC: V27A or V29A  
Related NEC:  
Legacy NEC Code: 1157  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTES:
1. Personnel must complete: Administration, Introduction to SWY l/2/3, Seasparrow Surface Missile System; MK 23 Target Acquisition System; MK 31 Rolling Airframe Missile; Inter-computer testing and casualties; and Combat System Suites, Publications, Administration, Terminology, and Firing Reports training provided by the NATO Seasparrow Project Office to earn this NEC code.
2. Last reviewed during “FC TRR” completed 11/9/17.

V32B - Commercial Broadband Satellite Program (CBSP) AN/USC-69 (V) 2, 3 (FLV/ULV) Maintenance Technician
Performs and directs preventative and corrective maintenance on the AN/USC-69 (V) 2, 3 Force Level Variant/Unit Level Variant (FLV/ULV) System.

Source Rating: ET  
Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: A-101-0367 (P/L)  
CDP: 18BC, 18BD  
Sequence Code: 4  
ESTB Date: 5/5/15 REV Date: 10/1/17  
NR Ind: A  
Component NEC:  
Related NEC:  
Legacy NEC Code: 9619  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: SPAWAR, NAVCYBERFOR, NAVSEA  
ECM: BUPERS-32

V33A - 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. Monitors system performance during operations. SSDS MK 1 equipment consists of the OK-644(V) Command Control Group, Single and Multi LAN Access Unit (LAU) Cabinets (SLCs and MLCs), Large Screen Projectors, Fiber Optic Data Distribution and ETHERNET interfaces, and associated File Servers and Application Processors. Directs or performs maintenance activities that may affect the operating system, such as using UNIX (HP-UX) networking utilities and commands needed to support the maintenance philosophy.

Source Rating: FC  
Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E8  
Course: Mandatory  
CIN: A-150-0006  
CDP: 5396  
Sequence Code: 4  
ESTB Date: REV Date: 9/19/19  
NR Ind: A  
Component NEC:  
Related NEC:  
Legacy NEC Code: 1164  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05 (PMS-461)  
ECM: BUPERS-32
**V33B - Navy Multiband Terminal (NMT) AN/WSC-9(V) Ship and AN/FSC-138(V) Shore Maintenance Technician**
Performs and directs preventive and corrective maintenance on the AN/WSC-9(V) and AN/FSC-138(V) system variants.

- **Source Rating:** ET
- **Billet Paygrades:** E4-E7
- **Personnel Paygrades:** E3-E7
- **Course:** Mandatory
- **CIN:** A-101-1305 (P/L)
- **ESTB Date:** 6/10/16
- **REV Date:** 9/19/19
- **Sequence Code:** 4
- **Component NEC:** Related NEC: V77A, V78A, V79A, V87A
- **Primary Advisor:** OPNAV (N2/N6)
- **Technical Advisor:** SPAWAR, PMS- 339, NAVIDFOR

**NOTES:**
1. Secret security clearance required.
2. Last reviewed during “ET TRR” completed 11/29/17.

**V34A - Ship Self Defense System (SSDS) MK1 Systems Technician**
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. 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:** Mandatory
- **CIN:** C-103-2117
- **ESTB Date:** 2/17/16
- **REV Date:** 12/3/19
- **Sequence Code:** 3
- **Component NEC:** Related NEC:
- **Primary Advisor:** OPNAV (N96)
- **Technical Advisor:** NAVSEA 05 (PMS-461)

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

**V34B - Shipboard Air Traffic Control (SATC) Radar Maintenance Technician Pipeline II**
Performs organizational level maintenance on the AN/SPN-41B and AN/FRN-49(V) 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-E9
- **Course:** Mandatory
- **CIN:** J-113-1000
- **ESTB Date:** 6/10/16
- **REV Date:** 10/1/17
- **Sequence Code:** 4
- **Component NEC:** Related NEC:
- **Primary Advisor:** OPNAV (N96)
- **Technical Advisor:** NAVSEA 05

**NOTICE:** Personnel assigned to commands that are not outfitted with AN/SPN-43C will be granted the NEC code without attending AN/SPN-43C portion of the course.

**V35A - 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:** E3-E9
- **Course:** Mandatory
- **CIN:** J-113-1000
- **ESTB Date:** 6/10/16
- **REV Date:** 10/1/17
- **Sequence Code:** 5
- **Component NEC:** Related NEC:
- **Primary Advisor:** OPNAV (N96)
- **Technical Advisor:** NAVSEA 05

**V35B - 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
- **Billet Paygrades:** E5-E7
- **Personnel Paygrades:** E4-E8
- **Course:** Mandatory
- **CIN:** J-113-1000
- **ESTB Date:** 6/10/16
- **REV Date:** 10/1/17
- **Sequence Code:** 4
- **Component NEC:** V23B and V33B and V84A
- **Primary Advisor:** OPNAV (N96)
- **Technical Advisor:** NAVSEA PMS 339

**NOTE:** Secret security clearance required.
V36A - 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: 
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E7
CIN: A-150-0929 (P/L)
ESTB Date: REV Date: 4/18/19
Related NEC:
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E1-E9
CDP: 11FB
NR Ind: N
Legacy NEC Code: 1318
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. NEC code awarded upon completion of the pipeline training and one of the following Battle Force Tactical Trainer courses, A-150-4023, A-150-4024, or A-150-4025.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending formal training.
4. Last reviewed during “CSCS FCA TRR” completed 4/18/19.

V36B - 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: 728A
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: E3-E7
CIN: A-101-0361
ESTB Date: REV Date: 10/1/17
Related NEC: V92A
Technical Advisor: SPAWAR, NAVSEA (05), NAVCYBERFOR

Personnel Paygrades: E3-E7
CDP: 12MZ, 12N0
NR Ind: A
Legacy NEC Code: 9623
ECM: BUPERS-32

NOTE: Secret security clearance is required.

V37A - 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
Course: Mandatory
Sequence Code: 3
Component NEC: 
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E7
CIN: A-150-0933 (P/L)
ESTB Date: REV Date: 10/1/17
Related NEC:
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E1-E9
CDP: 11FG
NR Ind: R
Legacy NEC Code: 1322
ECM: BUPERS-32

NOTE: Secret security clearance required.

V37B - 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: 728A and V23B and V33B and V84A or 728A and V35B
Primary Advisor: OPNAV (N96)

Billet Paygrades: E5-E7
CIN: A-101-0138
ESTB Date: REV Date: 2/14/17
A-160-0116
A-101-0148
A-101-1003

Personnel Paygrades: E4-E8
CDP: 4323, 452L
A-160-0116
A-101-0148
A-101-1003
213J, 453W
577N
10H6, 10H7

NR Ind: N
Legacy NEC Code: 9624
ECM: BUPERS-32

NOTE: Secret security clearance required.
V38A - 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 CGs 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  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)
Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8  
CIN: A-113-0065  
ESTB Date: 10/1/17  
Related NEC: 
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  
CDP: 738A

V38B - 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.

Source Rating: ET  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E9  
CIN: A-150-2300  
ESTB Date: 10/1/17  
Related NEC: 
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  
CDP: 781, 791
A-101-0266  
478U  
A-670-0017  
11YW

NOTE: Secret security clearance required.

V39A - 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  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E6  
Personnel Paygrades: E3-E6  
CIN: S-150-1001  
ESTB Date: 9/19/19  
Related NEC: 
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  
CDP: 3013

V39B - 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, test, 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.

Source Rating: FC  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N96)
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN: A-113-0055  
ESTB Date: 3/18/18  
Related NEC: 
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  
CDP: 09PA

V40A - 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  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E6  
Personnel Paygrades: E3-E6  
CIN: A-113-0162  
ESTB Date: 10/1/17  
Related NEC: 
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  
CDP: 316K

V40B - 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 CGs 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  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N96)
Billet Paygrades: E4-E6  
Personnel Paygrades: E3-E6  
CIN: A-113-0162  
ESTB Date: 10/1/17  
Related NEC: 
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  
CDP: 316K

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V40B - Anti-Sub Warfare (ASW) Mission Specialist
Performs organizational level preventive and corrective maintenance, troubleshooting, fault isolation procedures, and operation of equipment for the ASW Systems Suite onboard Littoral Combat Ship (LCS) class.

Source Rating: STG  Billet Paygrades: E4-E8  Personnel Paygrades: E4-E8
Course:  CIN:  CDP:
Sequence Code: 2  ESTB Date: 1/24/13  REV Date: 5/29/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 98AS
Primary Advisor: OPNAV (N96)  Technical Advisor: PEO LMW (PMS 420), PEO IWS, COMLCSRON ONE
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V41A - Tomahawk Strike Manager (TSM)
The TSM ensures the proper tactical and training employment of the Tactical Tomahawk Weapons Control System in support of Strike Operations.

Source Rating: FC  Billet Paygrades: E7-E9  Personnel Paygrades: E6-E9
Course:  CIN:  CDP:
Sequence Code: 3  ESTB Date: 10/1/1996  REV Date: 10/1/17  NR Ind: R
Component NEC: V20A  Related NEC:  Legacy NEC Code: 1332
Primary Advisor: OPNAV (N96)  Technical Advisor: NAVSEA 05
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/24/17.

V41B - 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: E3-E7  Personnel Paygrades: E3-E7
Sequence Code: 4  ESTB Date: 8/24/17  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code: 1410
Primary Advisor: OPNAV (N2N6)  Technical Advisor: SPAWAR, NAVSEA 05
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 8/24/17.
V42A - 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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-150-0930 (P/L)</td>
<td>CDP: 11FE</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 4/18/19</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1335</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. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending formal training.
3. Last reviewed during “CSCS FCA TRR” completed 4/18/19.

V42B - 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-4A/10 O&M Sonar Sounding Set and the AN/QWC-2/2A Sonar Communications Set. Identify acoustic signatures to source. Operate the following subsystems; AN/SQQ-28(V) Sonar Signal Processing System, AN/SQR-19(V) TACTAS, AN/UYQ-25A(V)2 or AN/UYQ-25B and the AN/SQS-53B Sonar System.

<table>
<thead>
<tr>
<th>Source Rating: STG</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E3-E8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: K-130-1131 (P/L)</td>
<td>CDP: 235J</td>
</tr>
<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: 4/1/1987 REV Date: 10/15/19</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 0414</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV(N96)</td>
<td>Technical Advisor: NAVSEA 05 (PMS-411)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 10/15/19.

V43A - AEGIS Radar System (SPY-1D (V)) Technician
Operates and maintains the Commercial-Off-the Shelf (COTS) based radar system.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-104-0071 (P/L)</td>
<td>CDP: 11FL</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1337</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>

NOTE: Secret security clearance required.

V43B - 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.

<table>
<thead>
<tr>
<th>Source Rating: STG</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E3-E8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: K-130-1135 (P/L)</td>
<td>CDP: 235N</td>
</tr>
<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: 4/1/1989 REV Date: 5/29/18</td>
<td>NR Ind: N</td>
</tr>
<tr>
<td>Component NEC: V84B</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 0415</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05 (PMS-411)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. Personnel who previously completed K-130-1123 or K-130-0272 are eligible to be awarded this NEC code.
2. Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.
V44A - AEGIS Computer Network Technician BL 7.2B
Performs preventive and corrective maintenance for the ADS MK6 and UYQ-70 Display Systems on Baseline 7, DDG-103-112 AEGIS Destroyers.

Source Rating: FCA  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV(N96)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E9  
ESTB Date: 4/18/19  
NR Ind: N  
Legacy NEC Code: 1339  

NOTES:  
1. Secret security clearance required.  
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending formal training.  
3. Last reviewed during “CSCS FCA TRR” completed 4/18/19.

V44B - 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  
Course: Mandatory  
Sequence Code: 2  
Component NEC: V47B, V56B  
Primary Advisor: OPNAV(N96)  
Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
ESTB Date: 3/1/18  
NR Ind: R  
Legacy NEC Code: 0417  

NOTE: Member must also complete Underwater Fire Control System (UFCS) training via one of the following courses: CIN: K-130-1165, A-130-1165, or A-130-0063.

V45A - 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: V46A, V47A, V48A, V49A  
Primary Advisor: OPNAV(N96)  
Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
ESTB Date: 5/29/18  
NR Ind: N  
Legacy NEC Code: 1340  

NOTES:  
1. This NEC code is awarded based on advancement to E-7 of personnel who hold one of the component NEC codes.  
2. Secret security clearance required.  

V45B - 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: V84B or V50B  
Primary Advisor: OPNAV(N96)  
Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
ESTB Date: 12/19/19  
NR Ind: R  
Legacy NEC Code: 0430  

NOTES:  
1. E4 personnel that have completed the criteria for earning this NEC code 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.  
3. Last reviewed during “CSCS STG TRR” completed 12/19/19.
V46A - 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: V16A or V43A  
Primary Advisor: OPNAV (N96)

- Billet Paygrades: E6-E9  
- Personnel Paygrades: E5-E9  
- CIN: A-104-0062 (P/L)  
- ESTB Date: 10/1/17  
- Related NEC:  
- 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.

V46B - 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: V84B  
Primary Advisor: OPNAV(N96)

- Billet Paygrades: E4-E8  
- Personnel Paygrades: E3-E6  
- CIN: K-130-1134 (P/L)  
- ESTB Date: 4/1/1989  
- Related NEC:  
- Technical Advisor: NAVSEA 05 (PMS-411)  
- ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V47A - 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: V23A  
Primary Advisor: OPNAV (N96)

- Billet Paygrades: E6-E9  
- Personnel Paygrades: E5-E9  
- CIN: A-104-0062 (P/L)  
- ESTB Date: 10/1/17  
- Related NEC:  
- 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.

V47B - 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  
Course: Mandatory  
Sequence Code: 5  
Component NEC: 709B  
Primary Advisor: OPNAV (N96)

- Billet Paygrades: E5-E8  
- Personnel Paygrades: E5-E8  
- CIN: K-130-1157  
- ESTB Date: 4/18/19  
- Related NEC: V56B  
- Technical Advisor: NAVSEA 05 (PMS-411)  
- ECM: BUPERS-32

NOTES:
1. Component NEC requirements are waived for personnel holding NEC code V56B; and V56B is an acceptable substitute for NEC code V47B.
2. Last reviewed during “CSCS STG TRR” completed 4/18/19.
V48A - 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  
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: 10/1/17  
NR Ind: N  
Component NEC: V24A  
Related NEC:  
Legacy NEC Code: 1343  
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.

V48B - AN/SQQ-89 (V) Adjunct Subsystem Level II Technician

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

Source Rating: STG  
Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E8  
Course: Mandatory  
CIN: K-130-1156  
CDP: 342U  
Sequence Code: 5  
ESTB Date: REV Date: 9/19/19  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 0509  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05 (PMS-411)  
ECM: BUPERS-32

V49A - 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  
Billet Paygrades: E6-E9  
Personnel Paygrades: E5-E9  
Course: Mandatory  
CIN: A-130-0052 (P/L)  
CDP: 10FY  
Sequence Code: 3  
ESTB Date: REV Date: 10/1/17  
NR Ind: N  
Component NEC: V37A  
Related NEC:  
Legacy NEC Code: 1344  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05 (PMS-411)  
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.

V49B - AN/SQS-53D Sensor Subsystem Level II Technician/Operator


Source Rating: STG  
Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E6  
Course: Mandatory  
CIN: A-130-0052 (P/L)  
CDP: 10FY  
Sequence Code: 5  
ESTB Date: REV Date: 10/15/19  
NR Ind: N  
Component NEC: V50B  
Related NEC:  
Legacy NEC Code: 0510  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05 (PMS-411)  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 10/15/19.
V50A - 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: V52B
Primary Advisor: OPNAV (N96)

Personnel Paygrades: E1-E9
CIN: A-150-0932 (P/L)
ESTB Date: REV Date: 10/1/17
Related NEC: Legacy NEC Code: 1345
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.

V50B - 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
Course: Mandatory
Sequence Code: 5
Component NEC: V50B
Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E6
CIN: K-130-1159
ESTB Date: REV Date: 3/1/18
Related NEC: Legacy NEC Code: 0511
Technical Advisor: NAVSEA 05 (PMS-411)
ECM: BUPERS-32

V51A - 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: V51A
Primary Advisor: OPNAV (N2/N6)

Personnel Paygrades: E3-E6
CIN: A-150-8010
ESTB Date: REV Date: 10/1/17
Related NEC: Legacy NEC Code: 1348
Technical Advisor: NAVSEA 05 (PMS-411)
ECM: BUPERS-32

NOTE: Secret security clearance required.

V52A - 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: V52A
Primary Advisor: OPNAV(N96)

Personnel Paygrades: E7-E9
CIN: S-121-0005 (P/L)
ESTB Date: REV Date: 4/18/19
Related NEC: Legacy NEC Code: 1350
Technical Advisor: NAVSEA 05, PEO IWS 1.0
ECM: BUPERS-32

NOTES:
1. This NEC code is awarded based on advancement to E-7 of personnel who hold one of the component NEC codes. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) requesting NEC code will be required.
2. Secret security clearance required.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending formal training.
4. Last reviewed during “CSCS FCA TR” completed 4/18/19.

V52B - 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
Course: Mandatory
Sequence Code: 4
Component NEC: V52B
Primary Advisor: OPNAV (N96)

Personnel Paygrades: E3-E6
CIN: S-100-9035
ESTB Date: REV Date: 5/29/19
Related NEC: Legacy NEC Code: 0522
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

NOTE: Secret security clearance required.
V53A - AEGIS Weapon System MK-7 (BL 6) AEGIS Radar System SPY-1B/D/D (V) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AN/SPY-1 Radar technicians.

Source Rating: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: V16A or V43A
Primary Advisor: OPNAV(N96)

Billet Paygrades: E6-E9
CIN: A-104-0083(P/L)
ESTB Date: REV Date: 10/1/17
Related NEC:
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 12J7
NR Ind: N
Legacy NEC Code: 1351

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.

V54A - 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: V23A
Primary Advisor: OPNAV(N96)

Billet Paygrades: E6-E9
CIN: A-104-0083(P/L)
ESTB Date: REV Date: 10/1/17
Related NEC:
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 12J7
NR Ind: N
Legacy NEC Code: 1352

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.

V54B - 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
Course: Mandatory
Sequence Code: 4
Component NEC:
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E6
CIN: A-130-0061
ESTB Date: REV Date: 3/1/18
Related NEC:
Technical Advisor: NAVSEA 05

Personnel Paygrades: E3-E6
CDP: 02VV
NR Ind: R
Legacy NEC Code: 0524
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.

V55A - 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: V24A or V36A or V37A or V42A or V44A or V50A or V69A
Primary Advisor: OPNAV(N96)

Billet Paygrades: E6-E9
CIN: A-104-0083(P/L)
ESTB Date: REV Date: 10/1/17
Related NEC:
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 12J7
NR Ind: R
Legacy NEC Code: 1355
ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes V37A or V24A, 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.
V55B - AN/SQQ-89A(V)/15 Surface Ship USW Combat Systems Maintenance Technician
Performs system light-off and shut-down, and organizational level maintenance on all AN/SQQ-89A(V)/15 Functional Segments. Recognizes and interprets system alerts and degraded/casualty indications and malfunctions. Utilizes the System Resource Manager (SRM) built-in Performance Monitoring/Fault Detection/Fault Localization (PM/FD/FL) function to locate the correct faults to the Lowest Replaceable Unit (LRU). Performs preventive maintenance procedures as delineated in prescribed maintenance requirements documentation.

<table>
<thead>
<tr>
<th>Source Rating: STG</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-130-0040 (P/L)</td>
<td>CDP: 09W1</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 10/04 REV Date: 9/19/19</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: V54B</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 0525</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

V56A - 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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E7-E9</th>
<th>Personnel Paygrades: E7-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: S-121-0700</td>
<td>CDP: 10YV, 10YW</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 1/7/15 REV Date: 10/1/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>V72A</td>
<td>ECM: BUPERS-32</td>
</tr>
<tr>
<td></td>
<td>Technical Advisor: PEO IWS-1</td>
<td></td>
</tr>
</tbody>
</table>

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 this NEC code until they have completed requirements for the V08A NEC code.
3. AEGIS Weapon System Supervisor NEC for AWS BL 6.1 or higher.

V56B - 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: E5-E7</th>
<th>Personnel Paygrades: E4-E7</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-130-0063</td>
<td>CDP: 02VX</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 10/04 REV Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: 709B</td>
<td>Related NEC: V47B</td>
<td>Legacy NEC Code: 0527</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

NOTES:
1. NEC code 0527 is awarded upon completion of AN/SQQ-89A(V)/15 Surface Ship USW Combat System Journeyman training. NEC code can only be held by Personnel Paygrades E5-E7. For Sailors who earn the NEC code as an E4, award of the NEC code will be held in abeyance until promotion to E5. Submit NAVPERS 1221-6 to PERS 40313D2.
2. Component NEC requirements are waivered for personnel holding NEC code V47B. Submit NAVPERS 1221-6 to PERS-4013D2.
3. NEC code V47B is not an acceptable substitute for NEC code V56B.
4. E4 personnel MUST have 2 years operational experience with A(V)15 on a DDG or CG prior to attending the A-130-0063 and awarding of the 0527 NEC code.
V57A - 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
Course: Mandatory
Sequence Code: 3
Component NEC: V58A, V59A, V60A
Primary Advisor: OPNAV (N96)

Billet Paygrades: E7-E9
CIN: A-121-0594 (P/L)
ESTB Date: REV Date: 4/18/19
Related NEC: NAVSEA 05, PEO IWS 1.0
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E7-E9
CDP: 12X2
NR Ind: N
Legacy NEC Code: 1360
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 2211/6 to NAVPERSCOM (PERS-4013) requesting NEC code will be required.
2. Secret security clearance required.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending S-121-0594 (P/L)/12X2 course to earn this NEC code.
4. Last reviewed during “CSCS FCA TRR” completed 4/18/19.

V57B - 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
Course: Mandatory
Sequence Code: 4
Component NEC: 713B
Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E6
CIN: A-102-0141
ESTB Date: 5/10/13
REV Date: 9/19/19
Related NEC: NAVSEA 05, PEO IWS 5.0
Technical Advisor: PEO IWS 1.0

Personnel Paygrades: E3-E6
CDP: 10UN
NR IND: R
Legacy NEC Code: 0541
ECM: BUPERS-32

NOTES:
2. NEC code may be awarded to individuals who have completed AN/SQQ-34V2 In-Service Engineering Agent Factory Training.

V58A – AEGIS Weapon System MK-7 Technician (BL 7)/AEGIS Radar System SPY-1B/D/D (V) Supervisor
Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AEGIS weapon system MK-7, including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AN/SPY-1 Radar technicians.

Source Rating: FCA
Course: Mandatory
Sequence Code: 3
Component NEC: V16A, V43A
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9
CIN: A-121-0594 (P/L)
ESTB Date: REV Date: 10/1/17
Related NEC: NAVSEA 05, PEO IWS 1.0
Technical Advisor: NAVSEA 05, PEO IWS 1.0

Personnel Paygrades: E5-E9
CDP: 12X2
NR Ind: N
Legacy NEC Code: 1361
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.

V58B - 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: 714B
Primary Advisor: OPNAV (N2N6)/(N96)/(N97)

Billet Paygrades: E3-E8
CIN: A-130-0504
ESTB Date: 12/4/12
REV Date: 3/1/18
Related NEC: NAVSEA 05, PEO IWS 1.0
Technical Advisor: PEO LMW PMS 485

Personnel Paygrades: E1-E9
CDP: 07Z0
NR Ind: N
Legacy NEC Code: 0552
ECM: PERS-32

NOTE: Secret security clearance required.
V59A - 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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E5-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-121-0594 (P/L)</td>
<td>CDP: 12X2</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC: V28A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1362</td>
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<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor: NAVSEA 05, PEO IWS 1.0</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
2. Secret security clearance required.

V59B - 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).

<table>
<thead>
<tr>
<th>Source Rating: STG</th>
<th>Billet Paygrades: E7-E9</th>
<th>Personnel Paygrades: E6-E9</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-130-0507</td>
<td>CDP: 07Z2</td>
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<td>Sequence Code: 2</td>
<td>ESTB Date: 12/4/12 REV Date: 3/1/18</td>
<td>NR Ind: N</td>
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<tr>
<td>Component NEC: V58B</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 0553</td>
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<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor: PEO LMW PMS 485</td>
<td>ECM: PERS-32</td>
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</tbody>
</table>

NOTE: 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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E5-E9</th>
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<tr>
<td>Course: Mandatory</td>
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<td>CDP: 12X2</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: V24A or V36A or V37A or V42A or V44A or V50A or V69A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1365</td>
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<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor: NAVSEA 05, PEO IWS 1.0</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

NOTES:
1. If the individual holds prerequisite NEC codes V37A or V24A, 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.

V60B - 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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: S-041-0006</td>
<td>CDP: 10X1</td>
</tr>
<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: 4/25/16 REV Date: 3/1/18</td>
<td>NR Ind: A</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 0802</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor: NAVSEA 05H</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Secret security clearance required.
V61A - AEGIS Weapon System (AWS) Supervisor, MK 4 Mod 1 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 upgrades.

Source Rating: FCA  
Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
Course: Mandatory  
CIN: A-104-0084 (P/L)  
CDP: 12JI  
Sequence Code: 3  
ESTB Date: REV Date: 12/19/19  
NR Ind: N  
Component NEC: V62A, V63A, V64A  
Relative NEC:  
Legacy NEC Code: 1370  
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 attending A-104-0084 (P/L)/12JI course.
3. NEC code automatically awarded upon the advancement to E7 for those personnel who hold NEC codes V62A, V63A or V64A. Submission of NAVPERS 1221/6 to NAVPERS (PERS-4013) requesting NEC code will be required.
4. Last reviewed during “CSCS FCA TRR” completed 12/19/19.

V61B - MK 46 MOD 2 Gun Weapon System (GWS) Technician
Perform planned and corrective maintenance on the MK 46 MOD 2 GWS at the organizational level onboard San Antonio (LPD) and Littoral Combat Ship (LCS) class ships. Perform casualty analysis, fault detection/isolation, modular replacement, repair, test, and alignment of individual equipment using Built-In-Test capability. Operate and perform watch standing duties on the MK 46 MOD 2 GWS Remote Operating Console and associated equipment in support of the ship’s combat system during tactical, training, and test/evaluation evolutions.

Source Rating: GM, FC  
Billet Paygrades: E3-E8  
Personnel Paygrades: E1-E8  
Course: Mandatory  
CIN: A-113-0039  
CDP: 06LT  
Sequence Code: 4  
ESTB Date: 9/1/09  
REV Date: 1/10/20  
NR Ind: A  
Component NEC:  
Related NEC: V62B  
Legacy NEC Code: 0870  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  

NOTES:
1. The NEC code will be awarded by completion of the formal follow-on training course currently under development or through completion of the factory training course, A-113-0039, and OJT awarded for E-3 and above with a minimum of 1-year operational experience on the MK 46 MOD 2 GWS. OJT based on Commanding Officer’s recommendation. Submit NAVPERS form 1221/6 to PERS-4013 via the ECM.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

V62A - AEGIS Weapons System MK-4 Mod 1 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 upgrades.

Source Rating: FCA  
Billet Paygrades: E6-E9  
Personnel Paygrades: E5-E9  
Course: Mandatory  
CIN: A-104-0084  
CDP: 12JI  
Sequence Code: 3  
ESTB Date: REV Date: 12/19/19  
NR Ind: N  
Component NEC: V09A  
Related NEC:  
Legacy NEC Code: 1371  
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 attending A-104-0084 (P/L)/12JI course.
3. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
4. Last reviewed during “CSCS FCA TRR” completed 12/19/19.

V62B - 5”/54 Caliber Gun System MK-45 MOD 1 and 2 Maintenanceman
Operates and maintains the 5/54 caliber MK-45 MOD 1 and 2 Gun Mount. Uses general and special purpose electronic test equipment to perform organizational level maintenance.

Source Rating: GM  
Billet Paygrades: E3-E8  
Personnel Paygrades: E1-E8  
Course: Mandatory  
CIN: A-113-1118  
CDP: 744W  
Sequence Code: 3  
ESTB Date: REV Date: 3/1/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 0879  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32
### V63A - AEGIS Weapons System MK-4 Mod 1 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 upgrades.

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>E6-E9 or E7-E9</td>
<td>REV Date: 3/1/18</td>
<td>735A or 735F</td>
</tr>
<tr>
<td>ESTB Date:</td>
<td></td>
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</tr>
</tbody>
</table>

**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 attending A-104-0084 (P/L)/12JJ course.
3. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
4. Last reviewed during “CSCS FCA TRR” completed 12/19/19.

### V63B - 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.

<table>
<thead>
<tr>
<th>Source Rating: GM</th>
<th>Course: Mandatory CIN: A-113-2101 or A-113-2102</th>
<th>Personnel Paygrades: E1-E8 CDP: 735A or 735F</th>
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<tbody>
<tr>
<td>E3-E8</td>
<td>REV Date: 3/1/18</td>
<td>735A or 735F</td>
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<td>ESTB Date:</td>
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**NOTES:**

3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attending A-104-0084 (P/L)/12JJ course.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
5. Last reviewed during “CSCS FCA TRR” completed 12/19/19.

### V64A - AEGIS Weapons System MK-4 Mod 1 (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).

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>E6-E9</td>
<td>REV Date: 12/19/19</td>
<td>735A</td>
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<tr>
<td>ESTB Date:</td>
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</tbody>
</table>

**NOTES:**

2. Indviduals holding prerequisite NEC codes V24A or V37A, ACNT difference course A-150-5300/09XM is 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-104-0084 (P/L)/12JJ course.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
5. Last reviewed during “CSCS FCA TRR” completed 12/19/19.

### V64B - 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.

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>E3-E9</td>
<td>REV Date: 3/1/18</td>
<td>627A, 627B</td>
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<tr>
<td>ESTB Date:</td>
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</table>

**NOTES:**

3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attending A-104-0084 (P/L)/12JJ course.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
5. Last reviewed during “CSCS FCA TRR” completed 12/19/19.
V65A - 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: V66A or V67A or V68A  
Primary Advisor: OPNAV (N96)

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.

V65B - 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)

V66A - 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: V04A or V13A or V16A or V43A or V70A or V71A  
Primary Advisor: OPNAV (N96)

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 attending 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.

V66B - 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC: V65B  
Primary Advisor: OPNAV (N96)
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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E5-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-150-4219 (P/L)</td>
<td>CDP: 12CV</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 2/9/12</td>
<td>REV Date: 10/1/17</td>
</tr>
<tr>
<td>Component NEC: V23A or V28A</td>
<td>Related NEC:</td>
<td></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. 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.

V67B - 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.

<table>
<thead>
<tr>
<th>Rating: ET, IC</th>
<th>Billet Paygrades: E5-E7</th>
<th>Personnel Paygrades: E4-E7</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
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<td>CDP: 11MZ</td>
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<td>Component NEC: Related NEC:</td>
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<td>Legacy NEC Code: 4705</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>

V68A - 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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E6-E9</th>
<th>Personnel Paygrades: E5-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-150-4219 (P/L)</td>
<td>CDP: 12CV</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 2/9/12</td>
<td>REV Date: 10/1/17</td>
</tr>
<tr>
<td>Component NEC: V24A or V36A or V37A or V42A or V44A or V69A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1385</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. If the individual holds prerequisite NEC codes V37A or V24A, 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.

V68B - 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.

<table>
<thead>
<tr>
<th>Source Rating: IC</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-623-0101</td>
<td>CDP: 713D</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 2/2/12 REV Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC: Related NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 4712</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

### V69A - 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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-150-9020 (P/L)</td>
<td>CDP: 12LV</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: 2/2/12</td>
<td>REV Date: 4/18/19</td>
</tr>
<tr>
<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>Legacy NEC Code: 1386</td>
</tr>
<tr>
<td></td>
<td>OPNAV (N96)</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

**NOTES:**
1. Secret security clearance required.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending A-150-9020 (P/L)/12LV course to earn this NEC code.
4. Last reviewed during “CSCS FCA TRR” completed 4/18/19.

### V69B - 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.

<table>
<thead>
<tr>
<th>Source Rating: IC</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
</tr>
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<td>Course: Mandatory</td>
<td>CIN: A-623-0022</td>
<td>CDP: 970H</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 2/20/16</td>
<td>NR Ind: R</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 4713</td>
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<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>ECM: BUPERS-32</td>
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<tr>
<td></td>
<td>OPNAV (N96)</td>
<td></td>
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</tbody>
</table>

### V70A - AEGIS AN/SPY-1 Radar System Baseline 9C BMD 5.0 Technician
Performs preventive and corrective maintenance on the (SPY-1D) BL/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.

<table>
<thead>
<tr>
<th>Source Rating: FCA</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E1-E9</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-150-9028(P/L)</td>
<td>CDP: 12M8</td>
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<td>Sequence Code: 3</td>
<td>ESTB Date: 2/2/12</td>
<td>REV Date: 11/18/19</td>
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<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>Legacy NEC Code: 1387</td>
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<tr>
<td></td>
<td>OPNAV (N96)</td>
<td>ECM: BUPERS-32</td>
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**NOTES:**
1. Secret security clearance required.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-9028 (P/L)/12M8 or the A-150-9030/12MA difference course and earn this NEC code.
4. To obtain NEC V70A, the AN/SPY-1 MK5 & MK6 Pipeline must be completed in conjunction with the follow-on SPY BMD Training CIN: A-150-9024.
5. Last reviewed during “CSCS FCA TRR” completed 11/18/19.
V70B - 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:  
Primary Advisor: OPNAV (N96)  

Personnel Paygrades: E3-E7  
Billet Paygrades: E3-E6  
CIN: A-623-0002  
ESTB Date: 6/24/13  
Related NEC: V68B  
Technical Advisor: NAVSEA 05  
NR Ind: R  
REV Date: 5/29/18  
Legacy NEC Code: 4717  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V71A - 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  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  

Personnel Paygrades: E1-E9  
Billet Paygrades: E4-E7  
CIN: A-150-9031 (P/L)  
ESTB Date: 2/2/12  
Related NEC:  
Technical Advisor: NAVSEA 05  
NR Ind: R  
REV Date: 10/1/17  
Legacy NEC Code: 1388  
ECM: BUPERS-32

NOTES:  
1. Secret security clearance required.  

V71B - 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:  
Primary Advisor: OPNAV (N96)  

Personnel Paygrades: E3-E8  
Billet Paygrades: E3-E7  
CIN: W-670-1000  
ESTB Date: 5/8/19  
Related NEC:  
Technical Advisor: NAVSEA 05  
NR Ind: R  
REV Date: 10/1/17  
Legacy NEC Code: 4727  
ECM: BUPERS-32

V72A - 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  
Course: Mandatory  
Sequence Code: 2  
Component NEC: V73A or V74A or V75A  
Primary Advisor: OPNAV (N96)  

Personnel Paygrades: E7-E9  
Billet Paygrades: E7-E9  
CIN: A-150-4222 (P/L)  
ESTB Date: 2/9/12  
Related NEC:  
Technical Advisor: NAVSEA 05  
NR Ind: R  
REV Date: 10/1/17  
Legacy NEC Code: 1390  
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 V72A 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 V72A 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.

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V72B - 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: V74A
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7  Personel Paygrades: E3-E9
CIN: A-670-0053  CDP: 295S
ESTB Date: REV Date: 3/1/18  NR Ind: N
Related NEC: Legacy NEC Code: 4738
Technical Advisor: NAVSEA 05  ECM: BUPERS-32

V73A - 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
Course: Mandatory
Sequence Code: 3
Component NEC: V73A or V43A or V70A or V71A
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9  Personel Paygrades: E5-E9
CIN: A-150-4222 (P/L)  CDP: 12CY
ESTB Date: 2/9/12  REV Date: 10/1/17  NR Ind: R
Related NEC: Legacy NEC Code: 1391
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.

V73B - 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: V72B
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E8  Personel Paygrades: E3-E8
CIN: A-102-0256  CDP: 07HG
ESTB Date: 5/10/11  REV Date: 9/19/19  NR Ind: R
Related NEC: Legacy NEC Code: 4739
Technical Advisor: NAVSEA 05H  ECM: BUPERS-32

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 CSCL-GEDMS-A-102-0256-00001. This CBT/ICW is to be completed within 60 days prior to reporting to GEDMS classroom training.

V74A - 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: V74A
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E9  Personel Paygrades: E5-E9
CIN: A-150-4222 (P/L)  CDP: 12CY
ESTB Date: 2/9/12  REV Date: 10/1/17  NR Ind: R
Related NEC: Legacy NEC Code: 1392
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.
V74B - 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 basic and 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 to single node and multi-node systems. Identifies, diagnoses, and performs appropriate maintenance action through the utilization of online and offline tests, test equipment, and test reports. Ensures 24-hour-a-day operation during ship readiness conditions I through V.

Source Rating: IC 
Billet Paygrades: E4-E6 
Personnel Paygrades: E3-E7
Course: Mandatory 
CIN: A-623-0200 
CDP: 12MU
Sequence Code: 4 
ESTB Date: 7/17/09 
REV Date: 11/13/18 
NR Ind: R
Component NEC: 
Related NEC: 
Legacy NEC Code: 4740
Primary Advisor: OPNAV (N96) 
Technical Advisor: NAVSEA 05 
ECM: BUPERS-32

V75A - AEGIS Weapon System (AWS) Technician 
Provides Electronics Technician with the knowledge and skills necessary to effectively perform system operations, including operations 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: FCA 
Billet Paygrades: E6-E9 
Personnel Paygrades: E5-E9
Course: 
CIN: 
CDP: 
Sequence Code: 5 
ESTB Date: 2/2/12 
REV Date: 10/1/17 
NR Ind: N
Component NEC: V24A or V36A or V37A or V42A or V44A or V50A or V69A 
Related NEC: V68A 
Legacy NEC Code: 1395
Primary Advisor: OPNAV (N96) 
Technical Advisor: NAVSEA 05, PEO IWS 1.0 
ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes V24A or V37A, ACNT difference course A-150-5300/09XM is required.
2. Member must also complete BMD 5.0 Employment, A-150-5000 (P/L)/09UU course for awarding of this NEC code.
3. Secret security clearance required.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.

V76A - 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: FCA 
Billet Paygrades: 
Personnel Paygrades: E5-E9
Course: 
CIN: 
CDP: 
Sequence Code: 9 
ESTB Date: 4/11/14 
REV Date: 10/1/17 
NR Ind: N
Component NEC: 
Related NEC: 
Legacy NEC Code: 1397
Primary Advisor: COMNAVSURFOR 
Technical Advisor: PERS-4 
ECM: BUPERS-32

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

V76B - Integrated Launch and Recovery Television Surveillance (ILARTS) System Maintenance Technician

Source Rating: IC 
Billet Paygrades: E3-E7 
Personnel Paygrades: E3-E7
Course: Mandatory 
CIN: A-191-0011 
CDP: 160D
Sequence Code: 4 
ESTB Date: 3/1/18 
REV Date: 3/1/18 
NR Ind: R
Component NEC: 
Related NEC: 
Legacy NEC Code: 4743
Primary Advisor: OPNAV (N96)/(N98) 
Technical Advisor: NAVAIR, NAVSEA 05 
ECM: BUPERS-32

V77A - AN/WSC-6(V)5 Super High Frequency (SHF) Satellite Communications (SATCOM) Maintenance
Provides Electronics Technician with the knowledge and skills necessary to effectively perform system operations, including operational tests on the AN/WSC-6(V)5 SHF SATCOM terminal and related baseband equipment. Uses general purpose test equipment, built-in test equipment, and diagnostic computer programs to perform PMS checks, alignment, and trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET 
Billet Paygrades: E3-E7 
Personnel Paygrades: E3-E7
Course: Mandatory 
CIN: A-101-0011 
CDP: 9387
Sequence Code: 4 
ESTB Date: 10/1/17 
REV Date: 10/1/17 
NR Ind: R
Component NEC: 
Related NEC: V78A, V79A 
Legacy NEC Code: 1403
Primary Advisor: OPNAV (N2/N6) 
Technical Advisor: NAVSEA 05, SPAWAR (PMW 170) 
ECM: BUPERS-32
V77B - 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.

<table>
<thead>
<tr>
<th>Source Rating: IC</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E9</th>
</tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-191-0010</td>
<td>CDP: 160C</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 3/1/18</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC: V78B</td>
<td>Legacy NEC Code: 4746</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVAIR, NAVSEA 05</td>
</tr>
</tbody>
</table>

V78A - 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 troubleshooting to restore equipment to optimum operating condition.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-101-0147</td>
<td>CDP: 651H, 651G</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC: V77A, V79A</td>
<td>Legacy NEC Code: 1405</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVSEA 05</td>
</tr>
</tbody>
</table>

V78B - Broadcast Engineering Technician
Performs organizational, intermediate and depot-level maintenance on shipboard SITE systems and commercial broadcast standard radio, television, satellite, and transmission equipment. Designs integration of and installs broadcast components for full system operations. Maintains and operates broadcast control, distribution, redistribution, and production subsystems.

<table>
<thead>
<tr>
<th>Source Rating: IC</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E4-E8</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: S-198-0053</td>
<td>CDP: 959L</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC: V77B</td>
<td>Legacy NEC Code: 4747</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
</tr>
</tbody>
</table>

NOTE: Naval Reservists can earn this NEC code by satisfactorily completing the following procedures:

a. Application for this NEC code 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 all applicants. Upon determination that all requirements are satisfied, NBS will submit the appropriate documentation to PERS-4013D2 recommending award of this NEC code.

V79A - 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 troubleshooting to restore equipment to optimum operating condition.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E9</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-101-0145</td>
<td>CDP: 651D, 651E</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 10/1/17</td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC: V77A, V78A</td>
<td>Legacy NEC Code: 1406</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVSEA 05</td>
</tr>
</tbody>
</table>

V79B - MK6 MOD 4D Digital Dead Reckoning Trace (DDRT) Technician
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.

<table>
<thead>
<tr>
<th>Source Rating: IC</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E9</th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-623-2751</td>
<td>CDP: 722A</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 3/1/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 4777</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
</tr>
</tbody>
</table>
V80A - AN/SSC-12 Shipboard Air Traffic Control Communications (SATCC) Technician
Performs organizational level planned and corrective maintenance actions on an air traffic control (ATC) digital communication switching system. Monitor and poll computer diagnostics to verify operational status, use general purpose and built-in test equipment for fault isolation; administer features, functions and software setting to meet user needs, remove and replace circuit card and modular component assemblies to the lowest repairable unit (LRU), perform communication checks to verify connectivity with Line of Sight (LOS) UHF radios, connectivity of relay interfaces to shipboard announcing and flight deck communications, connections to sound power circuits and interface with digital and analog ship’s service telephone system using ISDN protocol. Possess in-depth knowledge of and troubleshooting experience with UHF/VHF communications equipment, including line-of-sight (LOS) transceivers, control indicators, equipment racks and multi-couplers.

- Source Rating: ET
- Billet Paygrades: E4-E7
- Personnel Paygrades: E3-E7
- Course: Mandatory
- CIN: A-670-0065
- Sequence Code: 5
- ESTB Date: 9/19/19
- REV Date: 9/19/19
- Component NEC: Related NEC: V05B
- Legacy NEC Code: 1407
- Primary Advisor: OPNAV (N98)
- Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR
- ECM: BUPERS-32

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

V80B - Fiber Optic Data Multiplex System (FODMS)
Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation procedures on the Fiber Optic Data Multiplex System (FODMS) and associated support equipment.

- Source Rating: IC
- Billet Paygrades: E4-E7
- Personnel Paygrades: E3-E7
- Course: Mandatory
- CIN: A-670-0065
- Sequence Code: 4
- ESTB Date: 9/24/18
- REV Date: 9/24/18
- Component NEC: Related NEC:
- Legacy NEC Code: 4778
- Primary Advisor: OPNAV (N96)
- Technical Advisor: NAVSEA 05
- ECM: BUPERS-32

V81A - Meteorologist Equipment Maintenance Technician
Aligns and performs organizational level maintenance on AN/SMQ-11 weather satellite receiving system, Automated Surface Observing System (ASOS) and Navy Integrated Tactical Environmental System (NITES).

- Source Rating: ET
- Billet Paygrades: E3-E7
- Personnel Paygrades: E3-E7
- Course: Mandatory
- CIN: A-198-2010
- Sequence Code: 4
- ESTB Date: 9/24/18
- REV Date: 9/19/19
- Component NEC: Related NEC:
- Legacy NEC Code: 1413
- Primary Advisor: OPNAV (N2N6)
- Technical Advisor: NAVSEA 05, SPAWAR
- ECM: BUPERS-32

V81B - 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: E3-E8
- Course: Mandatory
- CIN: C-670-2011
- Sequence Code: 4
- ESTB Date: 9/24/18
- REV Date: 5/29/18
- Component NEC: Related NEC:
- Legacy NEC Code: 4787
- Primary Advisor: OPNAV (N96)
- Technical Advisor: NAVAIR
- ECM: BUPERS-32

V82A - Surface HF Communications System Maintenance Technician
Maintains and monitors the operational readiness of a ship's exterior communications suite on a system level. Performs preventive and corrective maintenance on the surface ship's exterior communications system. Possesses in-depth knowledge of and troubleshooting experience with HF communications equipment, including the AN/URT-23 series, the AN/URA-38, R2368A/URR LF/MF/HF receiver, CV-2460, AN/URA-17, and their interfaces.

- Source Rating: ET
- Billet Paygrades: E3-E7
- Personnel Paygrades: E3-E7
- Course: Mandatory
- CIN: A-101-0258
- Sequence Code: 4
- ESTB Date: 5/29/18
- REV Date: 5/29/18
- Component NEC: Related NEC:
- Legacy NEC Code: 1420
- Primary Advisor: OPNAV(N96)
- Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)
- ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.
V83B - 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 industrial machinery.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: OIT, QJR</td>
<td>CIN: V-623-4781 (P/L)</td>
<td>CDP: 01JA, 14V6, 14V7, 14V8, 14V9, 14VB, 14VE, 14VF, 14VG, 14VH, 14VJ, 14VK, 16SC, 16SF, 16SG, 16SH, 16SJ, 16SK, 16SL, 16SM, 16SN, 16SP, 16SR, 16SS, 17PF, 18NH, 68SE, 68SF, 68SL, 68SN</td>
</tr>
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</table>

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

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 QJR located at https://navsea.navy.Deps.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.

V83A - 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).

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-101-0209</td>
<td>CDP: 073E, 452P</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 5/29/18</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC: V80A</td>
<td>Legacy NEC Code: 1424</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor: NAVSEA 05, NAVIFOR N7/N1</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V83B - AN/SSC-13 Shipboard Air Traffic Control Communications (SATCC) Technician  
Performs organizational level planned and corrective maintenance actions on the 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). Performs 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 Integrated Services Digital Network (ISDN) protocol. Possess in-depth knowledge of troubleshooting experience with UHF/VHF communications equipment, including LOS transceivers, control indicators, equipment racks and multi-couplers.

<table>
<thead>
<tr>
<th>Source Rating: ET</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-222-1000</td>
<td>CDP: 18WZ</td>
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<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: 5/24/18</td>
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<td>Legacy NEC Code:</td>
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<td>Primary Advisor:</td>
<td>Technical Advisor: NAVSEA 05H</td>
<td>ECM: BUPERS-32</td>
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V84A - Communications Equipment (WSC-3/UHF DAMA) Technician  

<table>
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<th>Personnel Paygrades: E3-E7</th>
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<td>Primary Advisor:</td>
<td>Technical Advisor: NAVSEA 05, SPAWAR</td>
<td>ECM: BUPERS-32</td>
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NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.
V84B - 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-89(V) Sonar Signal Processing System, AN/SQR-19B(V)/1/B(V)/3 TACTAS, AN/UYS-25B(V)/1 (SIMAS II), and the AN/SQS-53C Sonar. Identifies, tracks, and classifies targets and potential targets. Identify acoustic signatures to source. Recognizes abnormal panel/screen indications and responds appropriately to indications/alerts.

Source Rating: STG
Billet Paygrades: E3-E6
Personnel Paygrades: E3-E6
Course: Mandatory
CIN: K-130-1105
CDP: 140E
Sequence Code: 6
ESTB Date: 3/1/18
NR Ind: R
Component NEC:
Related NEC: V50B
Legacy NEC Code: 0411
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05 (PMS-411)
ECM: BUPERS-32

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

V85A - Small Combatant Communications Electronic Subsystem Technician
Performs organizational level maintenance on electronic systems installed on small combatants. Equipment includes: NAVMACS II systems (AN/SLQ-7A(V), AN/SQR-7B, AN/SQR-7B(V) PC Variant, AN/SQR-26(V)1, 2, 3, & 4 (SMS), and AN/SQR-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
Personnel Paygrades: E3-E7
Course: Mandatory
CIN: A-101-0217 (P/L)
CDP: 452T
Sequence Code: 4
ESTB Date: 10/1/17
NR Ind: N
Component NEC: V82A and V84A and V24B
Related NEC:
Legacy NEC Code: 1428
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA (05), SPAWAR, NAVCYBERFOR (N7/N1)
ECM: BUPERS-32

V86A - Flight Deck Communications Systems (FDCS) Maintenance Technician
Operates and performs organizational level maintenance on FDCS (AN/SRC-47(V)) equipment. FDCS includes the AN/SRC-48(V) base station and various support equipment.

Source Rating: ET
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
Course: Mandatory
CIN: A-101-0210
CDP: 452R
Sequence Code: 4
ESTB Date: 10/1/17
NR Ind: R
Component NEC:
Related NEC:
Legacy NEC Code: 1429
Primary Advisor: OPNAV (N2/N6)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

V86B - SSDS Open Architecture (OA) Tech Refresh Maintenance MOD 1C/3C/5C/6C Technician
Performs documented organizational-level maintenance on SSDS MK 2 OA Tech Refresh MODs 1C/2C/3C/5C with (TI-12H) ORDALT, and Battle Force Tactical Training (BFTT) AN/USQ-T46D(V), which includes the three position OK-691(V)/1/2 Command Control Group (CCG) Common Display System (CDS) Command Tables; OL-782(V) Digital Switching Group; OJ-827(V)/OJ-836(V) series CDS Consoles; OJ-830(V) series Tactical Computer Consoles (TCC); OL-794/U series Tactical Computer Group (TGC); OU-184(V) series Signal Data Converter Group (SDCG); CV-4437(V) series Digital to Digital Converter (DDC); AN/UYQ-107 Common Processing System (CPS); CV-4432/U Control Receiver Converter (CRC); OL-798(V)/2 Network Server Group (NSG); PP-8580/8588 UPS Racks; CY-8950/YUQ Auxiliary Cabinet; CD-264/U Control Display Unit, including associated printers; Color Large/Medium Screen Displays; Automated Status Boards (ASTAB); and the internal SSDS OA-configured Local Area Network (LAN). Monitors and manages operation of SSDS OA MK 2 OA Tech Refresh MODs 1C/2C/3C/5C, SSDS OA MK 2 OA Tech Refresh MODs 1C/2C/3C/5C with (TI-12H) ORDALT, and BFTT AN/USQ-T46D(V) configurations. Performs routine housekeeping and administrative operating system tasks using documented procedures and system/equipment/software diagnostic features to isolate and repair faults. Loads and initiates tactical and operating system programs; configures system to maintain required tactical capabilities; conducts SSDS OA MK 2 OA Tech Refresh MODs 1C/2C/3C/5C, SSDS OA MK 2 OA Tech Refresh MODs 1C/2C/3C/5C with (TI-12H) ORDALT, and BFTT AN/USQ-T46D(V) fault isolation and repair/correction procedures; upgrades configured interfaces including fiber optic networks; mounts/unmounts devices, restores hard drives; and configures replacement processors and other devices.

Source Rating: FC
Billet Paygrades: E4-E9
Personnel Paygrades: E3-E9
Course: Mandatory
CIN: A-150-0078
CDP: 11S2
Sequence Code: 3
ESTB Date: 9/19/19
NR Ind: R
Component NEC:
Related NEC: V15B, V18B
Legacy NEC Code: 1602
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Individual must meet physical qualifications as stated in Manual for Naval Personnel.
V87A - 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-E6  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: A-101-0269  
Sequence Code: 4  
ESTB Date: REV Date: 10/1/17  
NR Ind: N  
Component NEC:  
Related NEC:  
Legacy NEC Code: 1430  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVSEA 05, SPAWAR  
ECM: BUPERS-32

V88B - LCS-1 (Freedom Variant) Gunner’s Mate
Perform specific duties as a Small Arms Marksmanship Instructor (SAMI). Conducts training in all phases of basic marksmanship, both ashore and afloat, including firearms safety, small arms mechanical training, instructional and qualification firing, basic range operations, records and reports. Performs Preventive Maintenance (PM) on small arms. Provides command personnel training to qualify as command Anti-terrorism (AT) watchstanders as a Crew-Served Weapons (CWS) operator. Assist the AT Training Supervisor in the development and conduct of AT exercises, CSW Casualty Control drills and tactical employment of CSW training. CSW Instructor will maintain a command CSW training program and assist the Anti-Terrorism Officer (ATO) with readiness and vulnerability assessments. Conducts command Anti-Terrorism Force Protection (ATFP) training and assists the ATO in developing and executing ATFP plans. Instructs and certifies personnel on employment of non-lethal weapons (Baton and Oleoresin Capsicum (OC) pepper spray). Instruct personnel in armed sentry and security reaction force basic, tactics, techniques and procedures. Instructor/Supervisor will maintain ATFP training program and assist the ATO with readiness and vulnerability assessments.

Source Rating: GM  
Billet Paygrades: E6-E7  
Personnel Paygrades: E6-E7  
Course: Mandatory  
CIN: A-041-0148  
A-830-0004  
A-830-2215  
ESTB Date: REV Date: 7/5/17 3/1/18  
NR Ind: A  
Component NEC: 717B and 718B and 804A  
Related NEC:  
Legacy NEC Code: 98LD  
Primary Advisor: OPNAV (N96)  
Technical Advisor: LCSRON-ONE  
ECM: BUPERS-32

NOTE: Member must hold one of the core LCS NEC codes V40B, 721B, 777B, 776B, or 778B to be awarded this NEC code.

V89A - 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: E3-E9  
Course: Mandatory  
CIN: C-102-0137 (P/L)  
ESTB Date: REV Date: 6/14/10 9/19/19  
NR Ind: A  
Component NEC: V91A  
Related NEC:  
Legacy NEC Code: 9618  
Primary Advisor: OPNAV (N98)  
Technical Advisor: SPAWAR PMW-750  
ECM: BUPERS-32

NOTE: Secret Security Clearance required.

V89B - AN/URN-32 Navigational Set, Tactical Air Navigation (TACAN) System Technician
Performs organizational level preventative and corrective maintenance on the AN/URN-32 TACAN System. 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 conditions.

Source Rating: ET  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: A-102-0436  
ESTB Date: 9/25/17  
REV Date: 7/1/18  
NR Ind: R  
Component NEC: V91A  
Related NEC:  
Legacy NEC Code: 9618  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR PMA-213  
ECM: BUPERS-32

V90A - 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  
ESTB Date:  
REV Date: 9/24/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Legacy NEC Code: 1465  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVSEA 05, SPAWAR  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.
V90B - 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.

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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 V40B, 721B, 777B, 776B, or 778B.

V91A - URN-25 Tactical Air Navigation Technician
Performs organizational and/or Intermediate level maintenance on assigned navigation equipment.

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<td>Technical Advisor:</td>
<td>ECM: BUPERS-32</td>
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NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

V91B - 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 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) 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.

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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 V40B, 721B, 777B, 776B, or 778B.
**V92A - Single Audio System (SAS)**

Operate, troubleshoot, and repair the SA-2112(V)/STQ, SB-863 and SB-2727 Switchboards, C-10276/SSC Control Indicator, C-10316 Control-Interface Unit, C-10315/U Remote Switching Unit, and TA 970/980/990 Telephone Sets. Performs limited maintenance on the TSEC/KY-57/58, TSEC/KG and the AN/WSC-43 equipment.

Source Rating: ET  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 728A  
Primary Advisor: OPNAV (N2N6)  
Technical Advisor: NAVSEA (05), SPAWAR, NAVIFOR (N7/N1)  
Personnel Paygrades: E3-E7  
CDP: 390K, 453X  
NR Ind: R  
Legacy NEC Code: 1486  
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

**V92B - AN/SIA-127/134 Announcing System Maintenance Technician**

Performs organizational level maintenance and operation of the AN/SIA-127/134 Announcing Systems which supports the 1MC (General), 2MC (Machinery), 3MC (Aviators), 5MC (Flight Deck), 6MC (Ship-to-Ship), 10MC (Well Deck), 29MC Threat Announcing, or Emergency 3MC announcing circuits, depending on the software package loaded into the control system. Using basic knowledge and skills perform fault isolation and corrective maintenance on the AN/SIA-127/134 Announcing Systems which consist of Power Supplies, Telephone Interfaces, Control Computers, Digital Audio Players, Digital Matrix, Audio Control Panels, Audio Relays, Speaker Group Relays, Monitor Panels, Audio Amplifiers, Digital/Analog Microphone Control Stations, Presentation Control Stations, and Speakers. Utilizing basic networking knowledge and skills set up and maintain software configurations of all system features. Ensures 24 hours-a-day operation during ship readiness conditions I through V.

Source Rating: IC  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 728A  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05H  
Personnel Paygrades: E3-E8  
CDP: 12UU  
NR Ind: R  
Legacy NEC Code:  
ECM: BUPERS-32

**V93B - AN/SQQ-89A(V)-15 Undersea Warfare Fire Control Operator (USWFCO)**

Performs target motion analysis on contacts of interest to provide accurate weapon engagement criteria to the fire control system and Antisubmarine Warfare Evaluator (ASWE).

Source Rating: STG  
Course: Mandatory  
Sequence Code: 4  
Component NEC: V54B or V55B  
Primary Advisor: OPNAV (N96)  
Technical Advisor: CSCS  
Personnel Paygrades: E4-E6  
CDP: 20AA  
NR Ind: R  
Legacy NEC Code:  
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Sailors require 12 months time onboard experience as Sonar Operator prior to attending A-130-0078. Waiver requests for time onboard must be submitted to TYCOM N7 for approval.
3. Last reviewed during “CSCS STG TRR” completed 1/22/20.

**V94A - 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 728A  
Primary Advisor: OPNAV (N98)  
Technical Advisor: SPAWAR  
Personnel Paygrades: E3-E7  
CDP: 702X  
NR Ind: A  
Legacy NEC Code: 1493  
ECM: BUPERS-32

NOTE: Secret security clearance required.
V94B - AN/SQQ-89A(V)-15 Situational Awareness Workstation Operator (SAWO)
Responsible to the Sonar Supervisor (SSUP) and ideally sits at the situational awareness workstation (Unit 832), the center workstation in Sonar Control (SC). Assists in classification, tracking, localization and log-keeping of contacts of interest. Experience level to manage Common Geographic Display (GEO), Sonar Performance Prediction Functional Segment (SPPFS), and Common Broadband (CBB) display formats through a method of display cycling that is dependent on the undersea threat warning level. Uses Common Passive, Common GEO, SPPFS and Acoustic Intercept Functional Segment (ACIFS) for cross-sensor correlation, passive acoustic analysis, and to provide search cueing. In addition, the SAWO performs ACIFS analysis, validation, and alarm initiation, providing recommendations to the SSUP on alertment conditions and validity of alerts.

Source Rating: STG
Billet Paygrades: E4-E6
Course: Mandatory
CIN: A-130-0079
Sequence Code: 4
ESTB Date: 10/2/19
Component NEC: V93B
Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: CSCS

NOTES:
1. Secret security clearance required.
2. Sailors require 12 months time onboard experience as Undersea Warfare Fire Control Operator (USWFCO) prior to attending A-130-0079. Waiver requests for time onboard must be submitted to TYCOM N7 for approval.

V95A - 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: 1/10/20
Component NEC:
Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: SPAWAR

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

V97A, V98A and V99A - 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.

Source Rating: ET
Billet Paygrades: E3-E7
Course: Mandatory
CIN: A-104-0162
Sequence Code: 4
ESTB Date: REV Date: 10/1/17
Component NEC:
Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05, SPAWAR

1. NEC code is awarded through Factory Training, pending implementation of formal training. Training is conducted by Selex, Inc.
2. NEC code will be awarded by unit Commanding Officer after completion of applicable manufacturer-factory training.
### V98A - Radar (SPS-67(V)1) Technician

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NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

### V99A - Radar AN/SPS-49(V) 5, 7 & 8 Technician

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<th>Billet Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
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<td>CIN: A-104-0177</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: 5/29/18</td>
<td>Related NEC:</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>REV Date:</td>
<td>Technical Advisor: NAVSEA 05</td>
</tr>
<tr>
<td>Primary Advisor:</td>
<td></td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

### WXXX - SURFACE (OPERATIONS) COMMUNITY & CAREER FIELD

#### W000 - Mineman (MN) Apprentice Technical Training (BL-1)

Performs MN journeymen-level job tasks for sustainment or continuation training. Knowledgeable of skills associated with electricity and electronics. Familiar with Direct Current, Alternating Current, Analog Devices, Digital Devices and other associated devices and sub-systems.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-100-0154</td>
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<td>Sequence Code: 6</td>
<td>ESTB Date: 1/28/20</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
</tr>
<tr>
<td></td>
<td>CDP: 20DF</td>
<td>ECM: BUPERS-32</td>
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</table>

#### W001 - Mineman (MN) Apprentice Technical Training (BL-0)

Perform MN entry-level job tasks equivalent to that required of the rating. Knowledgeable of skills associated with electricity and electronics. Familiar with Direct Current, Alternating Current, Analog Devices, Digital Devices and other associated devices and sub-systems.

<table>
<thead>
<tr>
<th>Source Rating: MN</th>
<th>Billet Paygrades:</th>
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<td>Technical Advisor: NAVSEA 05</td>
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<tr>
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<td>CDP: 8169</td>
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</table>

#### W00A - 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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: OJT, JQR</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: 4/93</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV(N95)</td>
<td>Technical Advisor: NAVSEA 05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. NEC code will be awarded after completion of locally provided OJT/JQR requirement to qualify as a certified SLMM Technician.
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

#### W01A - 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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td></td>
<td>CIN: A-647-2754</td>
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<tr>
<td>Sequence Code: 5</td>
<td>ESTB Date: 7/93</td>
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<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>OPNAV (N95)</td>
<td>Technical Advisor: NAVSEA 05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
W03A - 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N95)  
Billet Paygrades: E4-E6  
Personnel Paygrades: E4-E6  
CIN: A-647-2756  
ESTB Date: 3/1/18  
NR Ind: A  
Legacy NEC Code: 1211  
ECM: BUPERS-32

W04A - 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: W04A  
Primary Advisor: OPNAV (N95)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E8  
CIN: A-130-0048  
ESTB Date: 3/1/18  
NR Ind: A  
Legacy NEC Code: 1214  
ECM: BUPERS-32

NOTE: Secret Security Clearance required.

W05A - 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: W04A  
Primary Advisor: OPNAV (N95)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E1-E8  
CIN: A-130-0093  
ESTB Date: 3/1/18  
NR Ind: A  
Legacy NEC Code: 1215  
ECM: BUPERS-32

NOTE: Secret Security Clearance required.

W06A - Minesweeping Boatswains Mate
Performs and supervises rigging, streaming and recovery of all minesweeping gear. Performs organizational level maintenance (less electrical) on minesweeping equipment.

Source Rating: MN  
Course: Mandatory  
Sequence Code: 6  
Component NEC: W04A  
Primary Advisor: OPNAV (N95)  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E8  
CIN: A-060-0631  
ESTB Date: 3/1/18  
NR Ind: R  
Legacy NEC Code: 0107  
ECM: BUPERS-32

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

W07A - 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. Employ 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: 8/17/17  
NR Ind: R  
Legacy NEC Code: 0161  
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 pass night vision test.
3. Color vision must pass the Farnsworth lantern test of 12 to 14 Pseudoisochromatic Plates (PIP).
W08A - Patrol Boat Coxswain
Supervises boat crew in hoisting and lowering operations. Handles all types of cargo including stowing in boat. Assists in salvage operation.

Source Rating: BM  Billet Paygrades: E3-E6  Personnel Paygrades: E3-E9
Course: OJT  CIN:  ESTB Date: 9/24/18  REV Date: 9/24/18  NR Ind: A
Sequence Code: 5  Related NEC:  Legacy NEC Code: 0164
Component NEC: OPNAV (N95)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. If OJT experience supports NEC award, submit NAVPERS 1221/6 with documentation attached to PERS-4013.
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

W09A - Landing Craft Utility Craftmaster
Directs movement of Landing Craft Utility (LCU) in Amphibious assault operations. Directs docking and undocking in landing types (LHA, LHD, LPD, LSD), beaching and retracting, loading stowage, and security of equipment and supplies in the various ship and shore movement assault elements. Directs movement of craft employing Rules of the Road, electronic and visual navigation, and radio and visual communications procedures. Supervises LCU crew of 10 in all phases of craft operations and maintenance.

Source Rating: BM, OS, QM  Billet Paygrades: E6-E9  Personnel Paygrades: E6-E9
Course: Mandatory  CIN: G-060-0613  CDP: 07UN
Sequence Code: 4  ESTB Date: 9/24/18  NR Ind: A
Component NEC: Related NEC: W08A  Legacy NEC Code: 0171
Primary Advisor: OPNAV (N95)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. Must be ESWS qualified; second class swimmer per NAVPERS 15560C; no eval mark below 3.0 in the last 36 months; no record of NJP or financial problems in the last 36 months; minimum ASVAB WK+AR=104 (waiverable); no PRT failures in the past 36 months. Must be eligible for a secret clearance. Night blindness will be cause for rejection. Color Vision must pass the Farnsworth lantern test of 12 to 14 Pseudoisochromatic Plates (PIP). Member must have a 2-year obliserve requirement to be awarded the NEC. Submit NAVPERS 1221/6 with completed qualifications to PERS-4013 to be awarded this NEC code.
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

W10A - Causeway Lighterage Craftmaster
Operates the Improved Navy Lighterage System Warping Tug (WT) and/or Causeway Ferry (CF).

Source Rating: BM  Billet Paygrades: E5-E7  Personnel Paygrades: E5-E8
Course: Mandatory  CIN: K-062-0110  CDP: 00SC, 05TA
Sequence Code: 3  ESTB Date: 5/27/10  NR Ind: A
Component NEC: Related NEC: 799A  Legacy NEC Code: 0180
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 “NAVMAC Periodicity Review” completed 9/24/18.

W11A - Navy Lighterage Deck Supervisor
Responsible for the safe and effective operation of all deck equipment on the Improved Lighterage Warping Tug (WT) and/or Causeway Ferry (CF).

Source Rating: BM  Billet Paygrades: E4-E6  Personnel Paygrades: E4-E7
Course: Mandatory  CIN: K-551-0101  CDP: 04H9, 04HA
Sequence Code: 3  ESTB Date: 5/27/10  NR Ind: A
Component NEC: Related NEC:  Legacy NEC Code: 0181
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.
W12A - Assistant Navigator
Provides assistance to the Navigator in all aspects of navigation, piloting, and administration of navigation. Responsible for proper preparation of the various reports by higher authority.

Source Rating: QM
Billet Paygrades: E6-E9
Course: Mandatory
CIN: J-4N-0009
Sequence Code: 2
ESTB Date: 3/4/15 REV Date: 1/10/20
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA
Personnel Paygrades: E6-E9
CDP: 09GN
NR Ind: R
Legacy NEC Code: 0202
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

W13A - 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
Billet Paygrades: E4-E6
Course: Mandatory
CIN: A-061-0300
Sequence Code: 5
ESTB Date: 6/16/17 REV Date: 3/1/18
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA PMS 339
Personnel Paygrades: E4-E6
CDP: 12YB, 12YC, 12YD, 12YE, 12YF
NR Ind: R
Legacy NEC Code: 0203
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.

W14A - Harbor/Docking Pilot
Pilots naval ships of ALL classes and unlimited tonnage in and out of harbors and naval bases or to and from docks and berths. Supervises naval and civilian personnel in docking, berthing and mooring of all classes of vessels, floating docks, cranes, and barges. Directs operations of all classes of vessels, floating docks, cranes, and barges. Directs operations of pusher boats (YTLs, YTMs YTBs) in the movement of ships and tows to and from sea and in harbors.

Source Rating: BM, QM, OS
Billet Paygrades: E6-E9
Course: OJT
CIN:
Sequence Code: 2
ESTB Date: 7/18/11 REV Date: 3/1/18
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
Personnel Paygrades: E6-E9
CDP:
NR Ind: N
Legacy NEC Code: 0215
ECM: BUPERS-32

NOTES:
1. Member must have earned NEC code W07A or W09A or 800A or qualified as OOD U/W to be awarded this NEC code.
2. Submit completed Harbor Pilot nomination package and endorsed 1306/927 to the Office of Chief Pilot, Little Creek, VA for review and selection.

W15A - AN/SYS-2 (V) 4, 5, 7 Integrated Automatic Detection and Tracking (IADT) Systems Operator
Operates the Radar Control Operator (RCO) and Detector/Tracker monitor (DTM) console of the AN/SYS2(V) IADT system. RCO monitors and controls sensor interfaces, performs sensor alignments, evaluates ECM and clutter, and assists in determining sensor mode of operation, DTM monitors and controls SYS to WDS, CDS, and FCS interfaces and monitors IADT system performance.

Source Rating: OS
Billet Paygrades: E3-E7
Course: OJT, PQS
CIN:
Sequence Code: 5
ESTB Date: 10/87 REV Date: 3/21/18
Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05 (PMS-461)
Personnel Paygrades: E1-E7
CDP:
NR Ind: A
Legacy NEC Code: 0302
ECM: BUPERS-32

NOTE: This NEC code is earned via OJT with one-year operational experience on the RCO and DTM console of the AN/SYS2(V) 4, 5, 7 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.
W16A - Air Intercept Controller
Controls strike-fighter aircraft in the successful prosecution of air-to-air engagements.

Source Rating: OS  
Course: Mandatory  
Sequence Code: 3  
Component NEC: W16A  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E5-E6  
ESTB Date: 7/5/18  
SR: OS  
Related NEC:  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E4-E7  
CDP: 12MR, 12MS  
NR Ind:  
Legacy NEC Code: 0340  
ECM: BUPERS-32

NOTES:
1. Personnel who have maintained Air Controller proficiency and DNEC as an AICS will continue to receive SDAP at the W16A level as prescribed in BUPERS NAVADMIN.
2. Waivers shall be approved by TYCOM to authorize paygrade E5 to attend the course. NEC code will be awarded to all graduates from AIC course.

W17A - W18A - 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 1221.2 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 code.

W17A - Supervisory Air Intercept Controller
Supervises performance of air intercepts. Reports and assists in resolving track confusion. Trains AICs and performs check flights with them in accordance with CNSF-CNAFINST 1211.2(series). Reports and assists in resolving track confusion.

Source Rating: OS  
Course: Mandatory  
Sequence Code: 3  
Component NEC: W17A  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E6-E9  
ESTB Date: 7/5/18  
SR: OS  
Related NEC:  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E5-E9  
CDP: 2024, 2025  
NR Ind:  
Legacy NEC Code: 0319  
ECM: BUPERS-32

NOTES:
1. Personnel who have maintained air control proficiency and DNEC as an AICS will continue to receive SDAP at NEC code W17A level as prescribed in BUPERS NAVADMIN.
2. Waivers shall be approved by TYCOM to authorize paygrade E5 to attend the course. NEC code would be awarded to all graduates from AIC course.
3. The W16A NEC candidate shall meet all CNSF-CNAFINST 1211.2(series) currency requirements.

W18A - ASW/ASUW Tactical Air Controller (ASTAC)
Duties include basic air control, emergency procedures, pre-launch/launch procedures, Anti-Submarine Warfare (ASW) mission planning, ASW sonobuoy passive and active localization and re-detection, passive and active tracking, attack and re-attack, reliance on station, dipping procedures and tactics, Surface Warfare (SUW) search and employment, Over-the-Horizon Targeting (OTH-T), Strike Coordination and Reconnaissance (SCAR), Fleet Air Defense Identification Zone (FADIZ) controller and Redcrown, Maritime Air Controller (MAC) duties and procedures, conducting pilots mission brief, Maritime Patrol Reconnaissance Aircraft (MPRA) mission planning, MPRA ASW/SUW and Surface Search Coordination (SSC).

Source Rating: OS  
Course: Mandatory  
Sequence Code: 3  
Component NEC: W18A  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E5-E9  
ESTB Date: 1/1/1993  
SR: OS  
Related NEC:  
Technical Advisor: NAVSEA 05  
Personnel Paygrades: E4-E9  
CDP: 12MN, 12MP  
NR Ind:  
Legacy NEC Code: 0324  
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 W18A level as prescribed in BUPERS NAVADMIN.
2. Waivers shall be approved by TYCOM to authorize paygrade E4 to attend the course. NEC code will be awarded to all graduates from ASTAC course.

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W19A - 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
Course: Mandatory
Sequence Code: 4
Component NEC: W19A
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: A-221-0001
ESTB Date: 1/1/1999
REV Date: 3/1/18
Related NEC:
Legacy NEC Code: 0327

NOTE: Prerequisites for attendance to formal training course A-221-0001 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).

W20A - 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
Course: 2
Sequence Code: 2
Component NEC: W18A
Primary Advisor: OPNAV (N96)

Billet Paygrades: E7-E9
Personnel Paygrades: E7-E9
CIN: CIN:
ESTB Date: 7/1/2008
REV Date: 3/1/18
Related NEC:
Legacy NEC Code: 0328

NOTE:
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 code W18A. This will be an automatic NEC adjustment to identify senior leadership that previously held NEC code W18A. NEC code W18A will be removed upon advancement to E7 except when service member is serving at sea under NEC code W18A. In this circumstance NEC code W18A will be replaced by NEC code W20A upon transfer to the next command.
3. Award of NEC code 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.

W21A - 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: W19A
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
CIN: C-101-4002
ESTB Date: REV Date: 3/1/18
Related NEC:
Legacy NEC Code: 0336

NOTE: Secret security clearance required.
W22A - 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: OJT  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9

NOTE: This NEC code may be earned through 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. Submit NAVPE RS 1221/6 to PERS-4013D2.

W23A - 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

NOTES:
1. Personnel assigned to a billet other than a W23A 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 W23A billet.
2. NAVPERS 1221/6 will be submitted to PERS-4013D2 to remove the W23A 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.

W24A - Interface Control Officer (JICO)
To provide senior enlisted tactical watchstanders 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: W23A  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9

NOTE: Specified Watchstanders are E7-E9. E6 Watchstanders are waiverable by Joint Interface Control Officer (JICO).
W25A - 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
Personnel Paygrades: E4-E6
CIN: A-221-0001
K-221-0124
A-221-0201
CDP: 06H8, 3885
378F, 382N, 783A
09WS, 09WT
Sequence Code: 4
Component NEC: W19A and W23A and 706B
Primary Advisor: OPNAV (N96)
Related NEC:
Technical Advisor: LCSRON-ONE
Estb Date: 4/19/17 REV Date: 7/1/18
NR Ind: R
Legacy NEC Code: 98LC
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 V40B, 721B, 777B, 776B, or 778B.

W26A - 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 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. 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
Billet Paygrades: E5-E7
Personnel Paygrades: E5-E7
CIN: A-221-4009
K-221-0124
A-221-0201
CDP: 12MN, 12MP
378F, 382N, 783A
09WS, 09WT
Sequence Code: 4
Component NEC: W18A and W23A and 706B
Primary Advisor: OPNAV (N96)
Related NEC:
Technical Advisor: LCSRON-ONE, LCSRON-TWO
Estb Date: 4/18/17 REV Date: 7/1/18
NR Ind: R
Legacy NEC Code: 98OS
ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. NEC code W18A 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 V40B, 721B, 777B, 776B, or 778B.
4. NEC code W23A requires the students to complete the Introduction to Tactical Data Links NKO 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.

W27A - Air Intercept Control Weapons and Tactics Instructor

Advanced supervisory experience in training and performance of Air Intercept Controllers (AIC) and Supervisory Air Intercept Controllers (AICS); provides primary expertise to Carrier Strike Group (CSG) Commanders to monitor, train, and evaluate CSG/amphibious ready group AICs.

Source Rating: OS
Course: Mandatory
Billet Paygrades: E6-E9
Personnel Paygrades: E5-E9
CIN: S-2A-2806
Estb Date: 8/16/18 REV Date: 194
CDP: 747A
NR Ind: N
Legacy NEC Code:
Technical Advisor: NAWDC TOPGUN
ECM: BUPERS-32

NOTES:
2. Candidate must be designated as a Level-3 or higher AIC.
3. Candidate must meet all COMNAVSURFOR/COMNAVAIRFORINST 1211.2A currency requirements.
0090 - Not Operationally Suitable
Identify and track Navy personnel who have been determined as being “Not Operationally Suitable.”

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<tr>
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</thead>
<tbody>
<tr>
<td>Course:</td>
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<td>Legacy NEC Code:</td>
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<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>ECM: OPNAV (N13)</td>
</tr>
</tbody>
</table>

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.”

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<tr>
<td>Course:</td>
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<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>ECM: OPNAV (N13)</td>
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NOTES:
1. Application and removal of this NEC code will be performed only by PERS-40BB.
2. Last reviewed during “NAVMAC Periodicity Review” completed 10/16/17.

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.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Course:</td>
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<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>ECM: CNIC</td>
</tr>
</tbody>
</table>

NOTES:
1. Tracking NEC code is awarded via the Wounded Warrior/Safe Harbor NPC liaison office- navywoundedwarrior@navy.mil.
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

7XXX - MULTIPLE CAREER FIELDS (RATINGS)

700A - Unmanned Aerial Vehicle (UAV) External Pilot - NEC Code Disestablished (Recode all Billets & Personnel to 0000)

700B - 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.

<table>
<thead>
<tr>
<th>Source Rating: ABH, BM, GSE, GSM</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: S-062-0020</td>
<td>CDP: 6051, 6052</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: 3/1/18</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 0172</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. 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.

701A - Unmanned Aerial Vehicle (UAV) Internal Pilot - NEC Code Disestablished (Recode all Billets & Personnel to 0000)
701B - 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, AW, AWO, AWR, AWS, AWV, ET, ETV, FC, MN, OS, QM
Billett Paygrades: E5-E7
Personnel Paygrades: E5-E7
Course: Mandatory
CIN: K-193-0436
K-062-0120
Sequence Code: 3
ESTB Date: REV Date: 3/1/18
Component NEC:
Related NEC: T23A
Primary Advisor: OPNAV (N95)
Technical Advisor: NAVSEA 05

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 code candidates must be physically qualified for special duty with the Manual of the Medical Department (NAVMED P117).
4. NEC code 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.

702A - Unmanned Aerial Vehicle (UAV) Payload Operator
Operates the EO/IR UAV sensor during all phases of flight.

Source Rating: AE, AF, AM, AS, AT, AV, AWO, AWR, AWV, AZ, IS
Billett Paygrades: E5-E9
Personnel Paygrades: E4-E9
Course: Mandatory
CIN: J-113-1001
Sequence Code: 3
ESTB Date: REV Date: 8/24/17
Component NEC:
Related NEC: V35A
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR

NOTE: Earned through joint training at Fort Huachuca.

702B - 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
Billett Paygrades: E4-E9
Personnel Paygrades: E3-E9
Course: Mandatory
CIN: J-113-1001
Sequence Code: 3
ESTB Date: REV Date: 9/19/19
Component NEC: V35A
Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: SPAWAR

NOTES:
1. FC personnel E3 and above must hold NEC code V35A in order to be eligible to earn this NEC code.
2. OS personnel E3 and above with their Commanding Officer's recommendation are eligible to earn this NEC code.

703B - Joint Tactical Ground Station (JTAGS)/Multi-Mission Mobile Processor (M3P) System Operator/Maintainer
Responsible for processing and dissemination of real time warning of ballistic tactical missile (TBM) launches, Slow Walkers and other significant tactical events (The M3Ps 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, ET
Billett Paygrades: E4-E7
Personnel Paygrades: E4-E7
Course: Mandatory
CIN: S-100-0005
Sequence Code: 4
ESTB Date: REV Date: 3/1/18
Component NEC:
Related NEC:
Primary Advisor: OPNAV (N2/N6)
Technical Advisor: SPAWAR

196
704B - Ship Self Defense System (SSDS) MK1 Operator

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

<table>
<thead>
<tr>
<th>Source Rating:</th>
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<td>Course:</td>
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<td>CIN: A-150-0005</td>
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<td>ESTB Date: 3/1/18</td>
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<td>Component NEC:</td>
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<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05 (PMS-461)</td>
<td>ECM: BUPERS-32</td>
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</table>

705B - 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 Interception 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).

<table>
<thead>
<tr>
<th>Source Rating:</th>
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<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
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</table>

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.

706B - 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.

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<td>Course:</td>
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<td>CIN: A-221-0201</td>
<td>CDP: 09WS, 09WT</td>
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<td>OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVCYBERFOR (N13)</td>
<td>ECM: BUPERS-32</td>
</tr>
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</table>

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

707B - 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>STG, MN</th>
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<td>Course:</td>
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<td>Component NEC:</td>
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<td>Primary Advisor:</td>
<td>OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
708A - Expeditionary Information Warfare (Tactical)
Provides focused tactical cryptologic collection, real-time analytic support, computer network operations, and cyber-enabling support to naval forces. Deploys in support of Fleet and National priority intelligence requirements, executing distributed collection operations in small (2-3 personnel) detachments. Demonstrates proficiency in signals intelligence operational planning process, technical collection operations, and post-mission product reporting. Performs direction finding and targeted signals intelligence operations on ground, air, and maritime platforms.

Source Rating: CTM, CTN, CTR, CTT  Billet Paygrades: E3-E8  Personnel Paygrades: E3-E8
Course:  CIN:  ESTB Date: 7/17/2012  REV Date: 8/24/17  NR Ind: A
Sequence Code: 8  Related NEC:  Legacy NEC Code: 90IW
Component NEC:  Technical Advisor: COMNECC, NAVIFOR N13
Primary Advisor: OPNAV (N2N6)  ECM: BUPERS-32, PERS-40

NOTES:
1. Sailors must meet the minimum standard for assignment at NAVEXINTCOM as defined in MILPERSMAN 1300-802.
2. Successful completion of twelve-week basic operator course comprised of advanced technical and system training.
3. Individual must complete six months OJT, complete command managed JQR, complete at least one successful six-month operational deployment, and obtain Commanding Officer recommendation to earn NEC code.
4. Individual must possess a current and valid TS/SCI security clearance with counter-intelligence scope polygraph.
5. Last reviewed during “NAVMAC Periodicity Review” completed 8/24/17.

708B - 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:  ESTB Date: 3/1/18  NR Ind: R
Sequence Code: 2  Related NEC:  Legacy NEC Code: 0416
Component NEC:  Technical Advisor: ONI
Primary Advisor: OPNAV (N2/N6)  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 708B 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 708B billet. Farragut Technical Analysis Center will submit a NAVPERS 1221/6 to remove NEC code 708B 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 708B.
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 708B.

709B - 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.

Course:  CIN:  K-210-0529  CDP:  164X
Sequence Code: 3  ESTB Date: 4/1/1986  REV Date: 3/1/18  NR Ind: R
Component NEC:  Related NEC:  Legacy NEC Code: 0450
G06A or G07A  Technical Advisor: NAVSEA 05
Primary Advisor: OPNAV (N96)  ECM: BUPERS-32

NOTES:
1. NEC code of G06A or G07A is a requirement for AWO personnel only. Personnel will retain NEC code G06A or G07A upon being awarded NEC code 709B.
2. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.
711B - IUSS Maintenance Technician
Performs at the organizational level preventative and corrective maintenance on SOSUS, SURTASS, and FDS components.

<table>
<thead>
<tr>
<th>Source Rating: STG, STS</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<td>Course: OJT</td>
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<td>Sequence Code: 3</td>
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<tr>
<td>Component NEC: 715B</td>
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<td>Legacy NEC Code: 0506</td>
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<tr>
<td>Primary Advisor: OPNAV (N97)</td>
<td>Technical Advisor: PEO SUBS PMS 485</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: NEC code will be earned through OJT. Once determined that OJT experience supports awarding NEC code 711B, submit NAVPERS 1221/6 (with appropriate documentation attached) to PERS-4013 indicating that the member meets the prerequisite criteria.

712B - Integrated Undersea Surveillance System (IUSS) Master
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.

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Course: OJT</td>
<td>CIN:</td>
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</tr>
<tr>
<td>Sequence Code: 3</td>
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<td>REV Date: 3/1/18</td>
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<td>Legacy NEC Code: 0507</td>
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<tr>
<td>Primary Advisor: OPNAV (N2N6)/(N97)</td>
<td>Technical Advisor: PMS-485</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. Personnel must have successfully qualified as IUSS Watch Supervisor or Tactical Coordinator (Sea) prior to being assigned to a billet with this NEC code.
2. Personnel must successfully complete OJT at Commander Undersea Surveillance for award of this NEC code.
3. In addition to prerequisite qualifications, member must have completed the IUSS Master Qualification Card.
4. Submission of NAVPERS 1221/6 to PERS-4013 requesting NEC code will be required.

713B - 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.

<table>
<thead>
<tr>
<th>Source Rating: AW, AWR, AWO, STG</th>
<th>Billet Paygrades: E4-E9</th>
<th>Personnel Paygrades: E3-E9</th>
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<tr>
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<td>CIN:</td>
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<td>Sequence Code: 4</td>
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<td>REV Date: 9/19/19</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 0540</td>
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<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: PEO IWS 5.0</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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.

714B - Integrated Undersea Surveillance System (IUSS) Apprentice
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 Fixed Undersea Surveillance System and Surveillance Towed Array Sensor System (SURTASS) sensors.

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
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<td>ESTB Date: 12/4/12</td>
<td>REV Date: 10/1/19</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 0550</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N97)</td>
<td>Technical Advisor: PMS-485</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. Secret or Top Secret security clearance required based on UIC assigned.
2. NEC code was previously awarded by completing prerequisite CIN: A-130-0503. Personnel who previously earned this NEC code based on completing CIN: A-130-0503 will retain the NEC code.
3. Last reviewed during “AW/ST TRR” completed 10/1/19.
715B - Integrated Undersea Surveillance System (IUSS) Journeyman
Performs supervisory tasks related to the detection, analysis, localization, and reporting of ocean-borne acoustics on the Fixed Undersea Surveillance System (FSS) and SURTASS sensors. Specific tasks include Target Motion Analysis (TMA) and track development, multi-sensor correlation, mission planning, and Quality Assurance/contact reconstruction.

Source Rating: AWO, AWR, STG, STS
Billet Paygrades: E5-E8
Personnel Paygrades: E4-E8
Course: Mandatory
CIN: A-130-0505
CDP: 07YZ
Sequence Code: 3
ESTB Date: 12/4/14
REV Date: 3/1/18
NR Ind: N
Component NEC: 714B
Related NEC: 712B
Legacy NEC Code: 0551
Primary Advisor: OPNAV (N2N6)/(N97)
Technical Advisor: PMS-485
ECM: BUPERS-32

NOTES:
1. Personnel must have successfully qualified as IUSS Tracker Reporter prior to attending course.
2. Secret or Top Secret security clearance required based on UIC assigned.

716B - Advanced Undersea MK-46 Maintenance Weaponsman
Performs intermediate level maintenance on assigned torpedo and associated equipment to include troubleshooting, maintenance and the observance of handling and safety precautions. Employs knowledge of general description, operating principles and functions of all component and systems.

Source Rating: GM, AO
Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
Course: Mandatory
CIN: A-123-0174
CDP: 012T
Sequence Code: 3
ESTB Date: 3/1/18
REV Date: 3/1/18
NR Ind: R
Component NEC: OPNAV(N96)
Related NEC:
Legacy NEC Code: 0746
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

NOTES:
1. Personnel who have previously earned either M01A, M02A, M03A, M04A, M05A, M06A, O20A, O23A, O26A, O29A or 757B NEC code may be awarded this NEC code upon completion of formal training.
2. Source ratings AW, AWR, and AWS must hold NEC code G02A prior to assignment of this NEC code.
3. For all additional Source Ratings other than AO, AW, AWR, AWS, BU, CE, CM, CU, EA, EO, EOD, FC, FCA, GM, MA, MN, ND, SB, SO, STG, SW, TM 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.

717B - 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
CDP: 0165, 703H, 691K
Sequence Code: 7
ESTB Date: 10/15/19
REV Date: 10/15/19
NR Ind: A
Component NEC: OPNAV (N96)/(N98)
Related NEC:
Legacy NEC Code: 0814
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

NOTES:
1. Personnel who have previously earned either M01A, M02A, M03A, M04A, M05A, M06A, O20A, O23A, O26A, O29A or 757B NEC code may be awarded this NEC code upon completion of formal training.
2. Source ratings AW, AWR, and AWS must hold NEC code G02A prior to assignment of this NEC code.
3. For all additional Source Ratings other than AO, AW, AWR, AWS, BU, CE, CM, CU, EA, EO, EOD, FC, FCA, GM, MA, MN, ND, SB, SO, STG, SW, TM 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.

718B - 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
CDP: 00C6, 03JU
Sequence Code: 7
ESTB Date: 10/15/19
REV Date: 10/15/19
NR Ind: A
Component NEC: OPNAV(N96)
Related NEC:
Legacy NEC Code: 0814
Primary Advisor: OPNAV(N96)
Technical Advisor: NAVSEA 05
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, MN, ND, SB, SO, STG, SW, TM 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.
719B - 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. Thorough 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  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
Course: OJT, JQR  
Sequence Code: 7  
Component NEC:  
Primary Advisor: OPNAV (N96)  
CIN: V-652-1010 (P/L)  
ESTB Date: 3/3/16  
REV Date: 3/1/18  
NR Ind: R  
Legacy NEC Code: 95AA  
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.

721B - 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: AG, BM, CS, DC, EM, EN, ET, FC, GM, GS, GSE, GSM, HM, HT, IT, LS, MM, MN, OS, QM, STG  
Billet Paygrades:  
Personnel Paygrades: E4-E8  
Course:  
Sequence Code: 2  
Component NEC:  
Primary Advisor: OPNAV (N96)  
CIN:  
ESTB Date: 1/24/13  
REV Date: 10/1/19  
NR Ind: R  
Legacy NEC Code: 98GD  
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.
724B - Aviation Maintenance Material Control Master Chief
Assists the Maintenance Material Control Officer in squadrons or Aircraft Intermediate Maintenance Departments in carrying out readiness responsibilities. Provides liaison between the Maintenance Material Control Officer and the Production Division supervisors. Performs managerial functions in the areas of operational commitments, aircraft or bench status, workload requirements and personnel assets. Coordinates, prioritizes and monitors all Production Division maintenance efforts. Assigns material priorities and monitors overall material support, ground support equipment usage and cannibalization.

Source Rating: AD, AE, AF, AM, AO, AS, AT, AV, AW, AWF, AZ, PR  
Billet Paygrades: E9-E9  
Personnel Paygrades: E8-E9

Course: OJT  
Sequence Code: 2  
Component NEC: 770B  
Primary Advisor: OPNAV (N98)

CIN:  
ESTB Date: 4/1/1984  
REV Date: 8/29/18  
Related NEC:  
Technical Advisor: NAVAIR  
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 NEC codes 724B or 770B prior to the fixed wing AW rating merger may reapply for reinstatement of their previously awarded 724B or 770B. 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 770B and request reinstatement, will also be eligible to request 724B, provided all requirements are met. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.
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 E8 or E9 paygrade; and must have served in the billet for at least 12 consecutive months: Maintenance Control Supervisor, Production Control Supervisor, Quality Assurance Supervisor (O or I Level), Special Reconnaissance Team (SRT) LCPO. NEC code shall only be awarded to E8 and E9 personnel who are currently filling the role in one of the requisite billets at the O-Level, I-Level, or SRT. Requests to award the NEC code shall be made by the command where the member fulfilled the billet requirement. "FROCKED" E8 personnel are not eligible to hold the NEC code. Submit documentation of completed prerequisite billet along with NAVPERS 1221/6 to PERS-4013D2 via the ECM.
4. Commanding Officers, Executive Officers, Maintenance Officers (at I-Level), or Officers in Charge are the approving authority to sign the NAVPERS 1221-6 requesting the 724B NEC code. Signature authority shall not be delegated.
5. Requests submitted from non-maintenance commands will not normally be considered. In the event that operational or other commitments preclude submission by the command where the qualifying duty was performed, the requesting personnel shall submit an endorsement from that command along with the official request from the current command.
6. Source rated personnel at the O-Level shall be Safe-For-Flight (SFF) qualified in the current type/model/series aircraft prior to awarding the NEC code. VX squadron personnel must be qualified in at least one platform of aircraft type/model/series.
7. Source rated personnel at the I-Level shall complete the required Production Control PQS/JQR.
8. Source rated personnel (not including AW) assigned to SRT operating UAV’s may qualify for the NEC code after completion of Maintenance Course, Operator Course, type/model Safe-For-Flight PQS, and at least one deployment cycle.

725A - 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: CTR, CTT, ET, FC, FCA, GM, MN, OS, STG  
Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9

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

CIN: J-500-2104  
ESTB Date: REV Date: 1/24/19  
Related NEC:  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

725B - Global Command and Control System-Maritime Group Level 4.1 (GCCS-M GL 4.1) 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; and maintains the Common Operational Picture (COP) and provides input into the Common Tactical Picture at the unit, battle group, component commander, joint and coalition level. These functions are performed on the GCCS-M GL 4.1 system at both afloat and ashore commands.

Source Rating: CTT, FC, IS, MN, OS, STG  
Billet Paygrades: E3-E9  
Personnel Paygrades: E1-E9

Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N2N6)

CIN: W-250-0751  
ESTB Date: 8/31/17  
REV Date: 3/28/19  
Related NEC:  
Technical Advisor: NAVIFOR (N7/N1B)  
ECM: BUPERS-32

NOTE: Secret security clearance is required.
726A - UDT/SEAL Candidate
Volunteer for Basic Underwater Demolition/Seal (BUD/S), EOD or diver training.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>Billet Paygrades: E3-E9</th>
<th>Personnel Paygrades: E3-E9</th>
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<tbody>
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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>

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

726B - DCMA Government Ground Representative (GGR)
Administers contracts involving aircraft for which the Government contractually assumes ground and flight risks. Implements Defense Contract Management Agency (DCMA) and service directives ensuring contractor compliance with acquisitions policies and regulations. Monitors production, inspections, and repairs of the following platforms: P-8, P-3, H-60 (all series), F/A-18 (all series), E-2, F-5, EA-6B, F-35 (all series), and various Unmanned Aircraft Systems. Provides surveillance of other service aircraft in conjunction with representatives from that service (i.e., KC-46 Program). Requires extensive aviation maintenance or operational duty outlined and extensive familiarity with OPNAVINST 4790.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>Billet Paygrades: E7-E9</th>
<th>Personnel Paygrades: E7-E9</th>
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<td>Component NEC:</td>
<td>Related NEC: 788A</td>
<td>Legacy NEC Code:</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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</tbody>
</table>

NOTES:
1. Sailor must complete all certification requirements outlined in OPNAVINST 4790.
2. Sailor must complete Defense Acquisition University (DAU) course CMA-241. DCMA courses AO-250 and AO-350.
3. Prior experience as Safety of Flight qualified and/or quality assurance experience are highly desired.
4. Experience in the specific platform at the respective DCMA assignment is preferred.
5. Recertification after five (5) years is required by attendance of the GGR course.
6. Requirement for E-7 and above is waiverable to E-6 by the appropriate waiver authorities per NAVAIRINST 3710.1 (Series) and DCMAINST 8210.2.
7. NEC code is applicable to E7-E9 GGR/GGFRs assigned to DCMA and not applicable to GGR/GGFRs assigned to fleet units.

727A - Electromagnetic Compatibility Technician

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>Billet Paygrades: E5-E9</th>
<th>Personnel Paygrades: E5-E9</th>
</tr>
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<tbody>
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<td>Component NEC:</td>
<td>Related NEC: 32</td>
<td>Legacy NEC Code:</td>
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<tr>
<td>Primary Advisor: OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVSEA 05H, SPAWAR 59440</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: 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.

727B - Maritime Integrated Air and Missile Defense Planning System (MIPS) AN/UYQ-108 (V)3 Shore-Based and Shipboard System Operator
Performs multi-asset Integrated Air Missile Defense (IAMD) planning, maritime force coordination, integration with Joint Forces, and monitors the execution of Air and Missile Defense environment using the MIPS AN/UYQ-108(V)3 System. Conducts Action Officer Level IAMD planning for units/missions, and monitors the battle space in the Joint/Maritime Theater of Operations. Operates the MIPS to develop IAMD plans/Shipboard Plan input, coordinate/collaborate, and/or monitor IAMD operations. Operates MIPS, both Edit and Geo Frames, to define/construct, enter, and manipulate the system to participate in multi-warfare problems simulating underway, in theater conditions.

<table>
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<th>Source Rating:</th>
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<th>Personnel Paygrades: E6-E9</th>
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<td>Component NEC:</td>
<td>Related NEC: 11N1</td>
<td>Legacy NEC Code:</td>
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<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA, PEO IWS 6.0</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Secret security clearance required.
728A - Limited Communications Security (COMSEC) Maintenance Technician
Performs organizational level maintenance on KY-57/58, AN/USC-43, KG-84A/C, KIV-7M Link Encryptor (1), KG-175D Taclane MICRO, KG-194, and associated common fill devices; to include inspections, servicing, removing and replacing faulty assemblies or chassis mounted components. Diagnoses faults by using prescribed procedures, Built-In-Test Equipment (BITs), and Special and General Purpose Electronic Test Equipment (SPETE/GPETE) as required.

<table>
<thead>
<tr>
<th>Source Rating: ET, CTM</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tbody>
<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 3/1/18</td>
<td>NR Ind: A</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 1460</td>
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<tr>
<td>Primary Advisor: OPNAV (N2N6)</td>
<td>Technical Advisor: NAVSEA (05), SPAWAR, NAVIFOR (N7/N1)</td>
<td>ECM: OPNAV (N132D5)</td>
</tr>
</tbody>
</table>

728B - 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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: S-062-0021</td>
<td>CDP: 6049, 6050</td>
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<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 1/10/20</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 4130</td>
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<tr>
<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: PERS-4011D5</td>
</tr>
</tbody>
</table>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

729A - 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.

<table>
<thead>
<tr>
<th>Source Rating: ET, ETR, ETV</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E3-E7</th>
</tr>
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<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05, NNWC, N1B, NAVCYBERFOR (N7/N1)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

729B - 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-800A) is incapacitated.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: K-652-0312</td>
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<td>NR Ind: N</td>
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<td>Primary Advisor: OPNAV (N96)</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 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 Mechanical Systems Maintenance Technician (K-652-0314) and graduate, earning 730B 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.
730A - 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 200) and the primary MTR test system (AN/USM-674).

| Source Rating: ET, ETN, ETR, ETV, IT | Billet Paygrades: E3-E6 | Personnel Paygrades: E3-E6 |
| Course: Mandatory | CIN: A-100-0008 (P/L) | CDP: 08LC, 08LD, 08LE, 08LG, 08LH, 08LF |
| Sequence Code: 3 | ESTB Date: 1/1/00 REV Date: 3/1/18 | NR Ind: A |
| Component NEC: 783A | Related NEC: | Legacy NEC Code: 1591 |
| 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-AAA- 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 783A - Microminiature Electronic Repair Technician would award the technician the 730A 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 C00A, C02A and C04A are prerequisites for this NEC code.

730B - LCAC Mechanical Systems Maintenance Technician
Performs organizational and intermediate level maintenance on LCAC propulsion and lift systems.

| Course: Mandatory | CIN: K-652-0314 | CDP: 0609, 645S |
| Sequence Code: 5 | ESTB Date: 7/1/18 REV Date: 7/1/18 | 06ZD |
| Component NEC: | Related NEC: | NR Ind: R |
| Primary Advisor: OPNAV (N96) | Technical Advisor: NAVSEA 05 | Legacy NEC Code: 4133 |
| | | ECM: BUPERS-32 |

731A - 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, XYL AN OMNI Switch, CISCO Routers, and Local Area Networks (LAN).

| Source Rating: ET, ETR | Billet Paygrades: E3-E7 | Personnel Paygrades: E3-E7 |
| Course: Mandatory | CIN: A-150-2300 | CDP: 5781, 5791 |
| Sequence Code: 4 | ESTB Date: 3/1/18 REV Date: 3/1/18 | NR Ind: R |
| Component NEC: | Related NEC: | Legacy NEC Code: 1678 |
| Primary Advisor: OPNAV (N2/N6) | Technical Advisor: SPAWAR | ECM: BUPERS-32 |

731B - LCAC Electrical Systems Maintenance Technician
Performs organizational and intermediate level maintenance on LCAC craft control systems.

| Source Rating: AE, AT, AWV, EM, ET, GS, GSE, IC | Billet Paygrades: E3-E8 | Personnel Paygrades: E3-E8 |
| Course: Mandatory | CIN: K-652-0315 | CDP: 0610, 646M |
| Sequence Code: 5 | ESTB Date: 7/1/18 REV Date: 7/1/18 | 0609, 645S |
| Component NEC: | Related NEC: | NR Ind: R |
| Primary Advisor: OPNAV (N95) | Technical Advisor: NAVSEA 05 | Legacy NEC Code: 4135 |
| | | ECM: BUPERS-32 |
732A - East Asia Area Specialist
NEC code will identify personnel who have acquired specific knowledge, skills, and experience of information dominance capabilities to support naval and joint operations in the Pacific/East Asia area of operations.

Source Rating: CTN, CTR, CCT, IS  
Course:  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N2N6)  

Billet Paygrades:  
Personnel Paygrades: E5-E9  
CIN:  
ESTB Date: 5/22/2012 REV Date: 3/1/18  
Related NEC:  
Technical Advisor: OPNAV (N2N6)  

CDP:  
NR Ind: A  
Legacy NEC Code: 1705  
ECM: BUPERS-32

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

732B - LPD-17 Class Engineering Control System (ECS) Journeyman 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC: 733B  
Primary Advisor: OPNAV (N95)  

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: A-652-9011  
ESTB Date: 4/26/16 REV Date: 7/1/18  
Related NEC:  
Technical Advisor: NAVSEA 05  

CDP: 13LJ  
NR Ind: R  
Legacy NEC Code: 4149  
ECM: BUPERS-32

733A - FLTSATCOM (SIXS-OPCONCEN) Operator
Operates and performs preventive maintenance on core SIXS equipment and AN/USQ-XXX SIXS II/SI SIXS 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, PQS  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)  

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN:  
ESTB Date: 3/1/18  
Related NEC:  
Technical Advisor: NAVCYBERFOR (N7/N1)  

CDP:  
NR Ind: R  
Legacy NEC Code: 2354  
ECM: BUPERS-32

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

733B - 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  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N95)  

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: A-652-9003  
ESTB Date: 9/23/19  
Related NEC:  
Technical Advisor: NAVSEA 05  

CDP: 10XW, 10XX, 10XY  
NR Ind: A (EM, EN, IC) R (ET, IT)  
Legacy NEC Code: 4150  
ECM: BUPERS-32

NOTES:  
1. All ITs are required to obtain 746A before or after A-652-9003 course completion.  
2. All ETs are required to obtain 731A before or after A-652-9003 course completion.  
734A - VERDIN/ISABPS Shore Communications System Operator
Operates, coordinates and performs systems checks on the Broadcast Keying System Submarine Message Gateway (BKS SMG) equipment including VLF Broadcast Builder (VBB), Proxy CPU, red/black isolation units, URT-30 and WRR-12 digital data communications systems, Time Frequency Distribution System (TFDS), Precision Lightweight GPS Receiver (PLGR), MD-1310, MD-1315, and MD-1316

Source Rating: ET, ETR, IT  
Billet Paygrades: E3-E6  
Personnel Paygrades: E3-E6  
Course: Mandatory  
CIN: W-101-3500  
Sequence Code: 4  
ESTB Date: 3/1/18  
REV Date: 3/1/18  
NR Ind: R  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVSEA 05, SPAWAR, CYBERFOR (N13)  
ECM: BUPERS-32

NOTE: Source rating ET must be qualified in submarines.

734B - Steam Propulsion Maintenance Supervisor
Supervises organizational level maintenance and conducts onboard maintenance training on conventional propulsion boilers, steam propulsion engines, forced draft blowers, associated machinery, ship service turbine generators (SSTG), steam plant controls/regulating components (less automatic boiler controls), supporting auxiliary equipment, valves and piping systems. Conducts equipment material inspections, identifies abnormal equipment conditions and initiates corrective action. Maintains a current inventory of all required maintenance/repair records, technical documentation, special tools and repair equipment.

Source Rating: MM, MMN  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
Course: Mandatory  
CIN: A-651-0063 (P/L)  
Sequence Code: 3  
ESTB Date: 7/13/18  
REV Date: 7/13/18  
NR Ind: A  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTES:
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.
2. Last reviewed during “MM TRR” completed 7/13/18.

735B - Automated Electrolytic Oxygen Generator (AEOG) Mechanical Maintenance Technician
Operates and performs Mechanical Maintenance on the AEOG on board submarines.

Source Rating: EMN, MMA  
Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E9  
Course: Mandatory  
CIN: A-652-0087  
Sequence Code: 5  
ESTB Date: 7/11/18  
REV Date: 7/11/18  
NR Ind: A  
Component NEC:  
Related NEC: 4252  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTES:
1. Must be qualified in submarines and complete DODUSNSLCOSOB 03173.
2. Last reviewed during “EMN TRR” completed 2/7/18.

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  
Sequence Code: 3  
ESTB Date: 3/7/06  
REV Date: 3/1/18  
NR Ind: A  
Component NEC: 745A  
Related NEC: 738A, 739A  
Primary Advisor: OPNAV (N2/N6)  
Technical Advisor: NAVIFOR (N13)  
ECM: BUPERS-32

NOTE: LAN NEC is a prerequisite for this NEC. A security clearance is required.
**736B - 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.

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<th>Source Rating: ABE, ABF, DC, EN, GSM, MM, MR</th>
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<td>Primary Advisor:</td>
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**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.navy.deps.mil/FIELD/cnrmc/namts/default.aspx](https://navsea.navy.deps.mil/FIELD/cnrmc/namts/default.aspx). Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

**737A - Naval Tactical Command Support System (NTCSS) II Manager**

| 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         | CDP: 3032, 713M, 03WL     |
| Sequence Code: 3                        | ESTB Date: 3/1/18       | Rev Date: 3/1/18          |
| Component NEC:                          | Related NEC:            | NR Ind: R                 |
| Primary Advisor: OPNAV (N2/N6)/(N97)    | Technical Advisor: SPAWAR | ECM: BUPERS-32          |

**737B - 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, TM                  | Billet Paygrades: E3-E7 | Personnel Paygrades: E3-E7 |
| Course: Mandatory                      | CIN: A-123-0207         | CDP: 2354, 1238            |
| Sequence Code: 2                       | ESTB Date: 10/15/19     | NR Ind: N                 |
| Component NEC:                         | Related NEC:            | Legacy NEC Code: 4235     |
| Primary Advisor: OPNAV (N97)           | Technical Advisor: NAVSEA 05 | ECM: BUPERS-32 |

**NOTE:** Must be submarine qualified.

**738A - 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                 | Billet Paygrades: E3-E7 | Personnel Paygrades: E3-E7 |
| Course: Mandatory                      | CIN: W-250-0750         | CDP: 21CU                  |
| Sequence Code: 3                       | ESTB Date: 12/14/11     | REV Date: 1/22/20          |
| Component NEC: 745A                    | Related NEC: 736A, 739A | Legacy NEC Code: 2765     |
| Primary Advisor: OPNAV (N2/N6)         | Technical Advisor: NAVIFOR (N13) | ECM: BUPERS-32 |

**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).
738B - 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, STS, TM  
Course: Mandatory  
Sequence Code: 5  
Component NEC:  
Primary Advisor: OPNAV (N97)  
Billet Paygrades: E4-E7  
Personnel Paygrades: E4-E7  
CIN: A-123-0198  
ESTB Date: 10/15/19  
Related NEC:  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32

NOTES:
1. Secret security clearance is required to be awarded this NEC code.
2. Must be submarine qualified.

739A - Global Command and Control System-Maritime 4.0.3 (GCCS-M 4.0.3) System Administrator
Performs installation, configuration, administration, repair, and basic operation of the GCCS-M 4.0.3 system on either legacy or common computing environment (CCE) architectures. Maintains databases, establishes accounts, and configures communications and system interfaces. Performs basic troubleshooting and disaster recovery procedures. These functions are performed at afloat and ashore commands.

Source Rating: IT, ITS  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N2/N6)  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN: A-150-3400  
ESTB Date: 4/25/12  
Related NEC: 736A  
Technical Advisor: NAVCYBERFOR (N15)  
CDP: 09N5, 09N6  
NR Ind: A  
Legacy NEC Code: 2766  
ECM: BUPERS-32

NOTE: 1. Secret security clearance required.
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

739B - 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:  
Primary Advisor: OPNAV (N97)  
Billet Paygrades: E4-E9  
Personnel Paygrades: E3-E9  
CIN: A-652-0150  
ESTB Date: 7/1/18  
Related NEC: 736A  
Technical Advisor: NAVSEA 05  
CDP: 044W, 050V, 354X, 5501, 8126, 07K3  
NR Ind: R  
Legacy NEC Code: 4246  
ECM: BUPERS-32

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

740A - Mission Distribution System Operator
Performs all functions related to operation and management of the Mission Distribution System (MDS) and tactical database used to support the Tomahawk strike requirements of the Theater Mission Planning Center (TMPC). MDS Operator knowledge includes, but is not limited to TMPC site-configurations, Tomahawk Weapon System (TWS) communications, Tomahawk mission and Tomahawk Command Information (TCI) data, Data Distribution Orders (DDO), data management and accountability, Tomahawk Strike Network (TSN), Post Launch Execution (PLE), and Tomahawk firing unit support. Additionally, the MDS Operator has a detailed understanding of the communication-system management on the TMPC communications (TCOMMS) Interface Processor (TCIP), TMPC Enterprise Database (TED) management support, routine MDS-system support, Tomahawk strike planning, execution and control, and strike training with the Tomahawk Strike Rehearsal Tool (TSRT). The MDS Operator will perform detailed operations related to controlling the Tomahawk Missile, communications necessary for receipt and updating of required databases, and the transmission of approved Tomahawk missions developed or modified by TMPC entities.

Source Rating: IT, FC, FT  
Course: Mandatory  
Sequence Code: 3  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E5-E7  
Personnel Paygrades: E5-E7  
CIN: J-243-2952  
ESTB Date: 10/93  
Related NEC:  
Technical Advisor: NAVAIR  
CDP: 293R  
ESTB Date: 10/5/18  
Related NEC:  
ECM: BUPERS-32

209
740B - Electrolytic Oxygen Generator (Model 6L16) Operator/Mechanical Maintainer
Operates, troubleshoots, and performs basic corrective maintenance on the Model 6L16 Electrolytic Oxygen Generator.

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<thead>
<tr>
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<tbody>
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<td>Course: Mandatory</td>
<td>CIN: A-652-0050</td>
<td>CDP: 044Y, 354M</td>
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<td>Related NEC: 4208, Q53A</td>
<td>Legacy NEC Code: 4252</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:
1. Must be qualified in submarines.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

741A - 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.

<table>
<thead>
<tr>
<th>Source Rating: ETR, ETV, FT, IT, ITS, STS</th>
<th>Billet Paygrades: E6-E8</th>
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<td>Course: Mandatory</td>
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<tr>
<td>Sequence Code: 3</td>
<td>ESTB Date: REV Date: 3/1/18</td>
<td>NR Ind: A</td>
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<td>Component NEC: 746A</td>
<td>Related NEC:</td>
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<tr>
<td>Primary Advisor: OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVIFOR (N7/N1)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

741B - 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 Q2N2 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, cryogenizers, 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.

<table>
<thead>
<tr>
<th>Source Rating: MM, MMA</th>
<th>Billet Paygrades: E4-E8</th>
<th>Personnel Paygrades: E3-E9</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: J-750-0015</td>
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<tr>
<td>Sequence Code: 4</td>
<td>ESTB Date: REV Date: 5/8/19</td>
<td>NR Ind: R</td>
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<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 4283</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. Type II or Universal certification in accordance with EPA mandate is required.
2. Member must have completed a minimum of twenty-four (24) months of shipboard experience working on and maintaining 02 N2 Plant and the Commanding Officers’ recommendation in order to attend the prerequisite formal training.

742A - 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.

<table>
<thead>
<tr>
<th>Source Rating: ETR, ETV, FT, IT, ITS, STS</th>
<th>Billet Paygrades: E5-E8</th>
<th>Personnel Paygrades: E5-E8</th>
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<td>NR Ind: R</td>
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<tr>
<td>Component NEC: 746A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 2780</td>
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<tr>
<td>Primary Advisor: OPNAV (N2/N6)</td>
<td>Technical Advisor: NAVIFOR (N7/N1)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>
742B - 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  
Billet Paygrades: E4-E9  
Personnel Paygrades: E3-E9  
Course: Mandatory  
CIN: A-720-0010  
CDP: 3102, 713J  
Sequence Code: 4  
ESTB Date: 7/13/18  
REV Date: 7/13/18  
Sequence Code: 4  
ESTB Date: 7/13/18  
REV Date: 7/13/18  
Component NEC:  
Related NEC:  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
Legacy NEC Code: 4291  
NOTES:  
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.  
2. Last reviewed during “MM TRR” completed 7/13/18.

743B - Shipboard Elevator Hydraulic/Mechanical System Mechanic
Tests, inspects, and performs organizational maintenance on shipboard weapons and cargo handling elevators on a system and component level. Troubleshoots and repairs hydraulic, mechanical and hydromechanical systems and equipment, not including electronic and electrical components and interfaces. Coordinates efforts with operators and maintainers of other ratings using or servicing the systems.

Source Rating: MM, MMA  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: A-690-0100  
CDP: 585R  
Sequence Code: 4  
ESTB Date: 7/13/18  
REV Date: 7/13/18  
Component NEC:  
Related NEC: U19A  
Legacy NEC Code: 4296  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  
NOTES:  
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.  
2. Last reviewed during “MM TRR” completed 7/13/18.

744A - Low Band Universal Communication System Transmit Terminal Equipment Operator/Maintainer
Performs installation, configuration, operation, and administration of Low Band Universal Communication System (LBUCS) Transmit Terminal Equipment (TTE). Maintains databases, establishes accounts, and configures LBUCS TTE communications and system interfaces. Performs software and hardware preventive maintenance, and corrective maintenance of LBUCS TTE to include fault isolation, and remove and replace procedures. These functions are performed at the Broadcast Control Authority (BCA) ashore commands.

Source Rating: ETR, IT, ITS  
Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
Course: OJT, JQR  
CIN: W-101-0111  
CDP: 11FU  
Sequence Code: 4  
ESTB Date: 12/16/15  
REV Date: 3/1/18  
Component NEC: T12A, 745A or 746A  
Related NEC: 734A, T47A  
Legacy NEC Code: 2784  
Primary Advisor: OPNAV(N2/N6)  
Technical Advisor: NAVSEA 05, SPAWAR, NAVIDFOR  
ECM: BUPERS-32  
NOTES:  
1. A completed JQR will be required upon successful completion of the LBUCS TTE training. CIN: W-101-0111.  
2. Awarded to IT personnel who have also completed the appropriate IAT/CSWF training/certification.

744B - 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  
CDP: 533U  
Sequence Code: 4  
ESTB Date: 9/17/19  
REV Date: 9/17/19  
Component NEC:  
Related NEC:  
Legacy NEC Code: 4305  
Primary Advisor: OPNAV (N95)  
Technical Advisor: SPECWAR  
ECM: BUPERS-32  
NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/17/19.
745A - 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 restor, or changes user accounts, and password resets. Provides desk top 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
Billet Paygrades: E1-E5
Personnel Paygrades: E1-E6
CIN: A-202-2100
ESTB Date: 3/22/10 REV Date: 9/24/18
NR Ind: A
Legacy NEC Code: 2790
NOTE:
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.

745B - 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
Billet Paygrades: E5-E9
Personnel Paygrades: E4-E9
CIN: A-652-0321
ESTB Date: 12/19/12 REV Date: 3/1/18
NR Ind: R
Legacy NEC Code: 4310
NOTE:
1. Favorably completed and adjudicated Single Scope Background Investigation is required.
2. Component NEC code not required for ETR, ETV, FT, and STS.

746A - 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
Billet Paygrades: E4-E7
Personnel Paygrades: E3-E8
CIN: A-150-1980
K-150-2115
ESTB Date: 3/22/10 REV Date: 12/4/18
NR Ind: A
Legacy NEC Code: 4310
NOTE:
1. Favorably completed and adjudicated Single Scope Background Investigation is required.
2. Component NEC code not required for ETR, ETV, FT, and STS.

746B - Outboard Engine Maintenance Technician
Performs periodic and routine maintenance, preoperational and operational inspections, troubleshooting procedures, and repairing outboard engines.

Source Rating: MM
Source Rating: BM, CM, EM, EOD, HT, ND, SB, SO
Course: Mandatory
Billet Paygrades: E3-E8
Personnel Paygrades: E3-E8
CIN: K-652-0237B
ESTB Date: 3/6/18 REV Date: 1/10/20
NR Ind: R
Legacy NEC Code: 4313
NOTE:
1. Request source rating graduates of the NAVSCIATTS Outboard Motor Maintenance Course CIN: S-062-0009 be awarded NEC code 4313.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.
**747A - 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
- **Course:** Mandatory
- **CIN:** A-622-0012 (P/L)
- **Sequence Code:** 4
- **ESTB Date:** REV Date: 3/19/19
- **Component NEC:** Related NEC:
- **Primary Advisor:** OPNAV (N96)
- **Technical Advisor:** NAVSEA
- **Personnel Paygrades:** E5-E6
- **CDP:** 626H
- **NR Ind:** R
- **Legacy NEC Code:** 5642
- **ECM:** BUPERS

**NOTES:**
2. Last reviewed during “NAVMAC Periodicity Review” completed 3/19/19.

**747B - Diesel Engine Inspector**
Inspects and assesses material condition, monitors general readiness, provides on-board maintenance training, and diagnoses improper operating procedures and equipment casualties/failures and supports corrective actions of marine main propulsion diesel engines, diesel generators, and component systems.

- **Source Rating:** EN, MMA
- **Billet Paygrades:** E7-E9
- **Course:** Mandatory
- **CIN:** A-652-0311
- **Sequence Code:** 3
- **ESTB Date:** REV Date: 7/1/18
- **Component NEC:** Related NEC:
- **Technical Advisor:** NAVSEA 05
- **Primary Advisor:** OPNAV (N96)
- **Personnel Paygrades:** E6-E9
- **CDP:** 696G, 696F
- **NR Ind:** R
- **Legacy NEC Code:** 4314
- **ECM:** BUPERS

**NOTES:**
1. Personnel must have 5 years of experience in operation and maintenance of main propulsion diesel engines prior to attending A-652-0311.
2. Upon final certification, NAVSEA 05 DEI Program Manager will submit NAVPERS 1221/6 with supporting documentation to PERS-4013D2 for award of this NEC code.
3. Attendance of A-652-0320, Diesel Engine C School Core is a prerequisite to attending A-652-0311.
4. After completion of A-652-0311, Sailors will be ordered to a maximum 30 day I-Stop at either Southwest Regional Maintenance Center (SWRMC) San Diego, CA (UIC 55236) or Mid-Atlantic Regional Maintenance Center (MARMC) Norfolk, VA (UIC 50094) for final certification.
5. For Sailors who earn the NEC code as E6, award of the NEC code will be held in abeyance until frocked to E7.

**748B - Boiler Repair Technician**
Performs intermediate and organizational level maintenance on marine propulsion boilers. Reviews and maintains records and reports pertinent to boiler repair.

- **Source Rating:** MM, MMN
- **Billet Paygrades:** E5-E9
- **Course:** Mandatory
- **CIN:** K-651-0109
- **Sequence Code:** 3
- **ESTB Date:** REV Date: 4/25/19
- **Component NEC:** Related NEC:
- **Primary Advisor:** OPNAV (N96)
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E5-E9
- **CDP:** 089Y
- **NR Ind:** R
- **Legacy NEC Code:** 4502
- **ECM:** BUPERS

**NOTE:** Last reviewed during “SWOS TRR” completed 4/25/19.

**749A - 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
- **Course:** Mandatory
- **CIN:** A-822-0017 (P/L)
- **Sequence Code:** 5
- **ESTB Date:** REV Date: 3/1/18
- **Component NEC:** Related NEC:
- **Primary Advisor:** OPNAV (N41)
- **Technical Advisor:** NAVSUP (4B, N00B)
- **Personnel Paygrades:** E3-E7
- **CDP:** 07U0
- **NR Ind:** R
- **Legacy NEC Code:** 2821
- **ECM:** BUPERS

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749B - 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 ancillary equipment (feed and fuel pumps, forced draft blowers, deaerating feed tanks, etc.). Evaluates Boilerwater and Feedwater Test and Treatment Program, OLV Boiler Flexibility Program, reviews associated operational and maintenance records and witnesses prescribed steam generating plant tests.

Source Rating: MM, MMN  
Billet Paygrades: E7-E9  
Personnel Paygrades: E7-E9  
Course: Mandatory  
CIN: K-651-2151  
Sequence Code: 3  
ESTB Date: REV Date: 7/1/18  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
CDP: 4131  
NR Ind: R  
Legacy NEC Code: 4503  
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.

750B - 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  
Sequence Code: 3  
ESTB Date: REV Date: 7/1/18  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
CDP: 635D, 635E  
NR Ind: R  
Legacy NEC Code: 4508  
ECM: BUPERS-32

751B - 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  
Sequence Code: 4  
ESTB Date: REV Date: 7/1/18  
Component NEC: 4508  
Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
CDP: 635F, 635G  
NR Ind: A  
Legacy NEC Code: 4509  
ECM: BUPERS-32

752B - Electrolytic Oxygen Generator (Model 6L16) Electrical Technician
Performs organizational and intermediate level maintenance on electrical components of the 6L16 Oxygen Generator.

Source Rating: EMN, ETV, MMA  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9  
Course: Mandatory  
CIN: A-623-0039  
Sequence Code: 4  
ESTB Date: REV Date: 7/1/18  
Component NEC: N41Z, N53Z, 766A  
Related NEC:  
Primary Advisor: OPNAV (N97)  
Technical Advisor: NAVSEA 05  
CDP: 044D, 356P  
NR Ind: A  
Legacy NEC Code: 4752  
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.

753B - Stabilized Glide Slope Indicator (SGSI) System Maintenance
Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation on the (SGSI) System, the Wave-Off Light System (WOLS), and the Flight Deck Signaling Status System (FDSSS).

Source Rating: IC  
Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E9  
Course: Mandatory  
CIN: A-651-0089B  
Sequence Code: 3  
ESTB Date: REV Date: 7/1/18  
Component NEC:  
Related NEC:  
Primary Advisor: OPNAV (N96)  
Technical Advisor: NAVSEA 05  
CDP: 479C, 548A  
NR Ind: A  
Legacy NEC Code: 4758  
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.
**754B - 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.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-670-0064</td>
<td>CDP: 0094</td>
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<tr>
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<td>ESTB Date: 7/1/18</td>
<td>REV Date: 7/1/18</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 4779</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>

**755B - MCM Main Control Console Maintainer**

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.

<table>
<thead>
<tr>
<th>Source Rating: IC, EM</th>
<th>Billet Paygrades: E4-E7</th>
<th>Personnel Paygrades: E3-E7</th>
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<tr>
<td>Course: Mandatory</td>
<td>CIN: A-623-0010</td>
<td>CDP: 06SR</td>
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<td>Component NEC:</td>
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<td>Primary Advisor: OPNAV(N95)/(N96)</td>
<td>Technical Advisor: NAVSEA 05 (PMS-490)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTE:** Course prerequisite is CIN/CDP: A-652-0016/06SP, MCM MAIN CTRL CON OP

**756A - Barber**

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

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-840-0013</td>
<td>CDP: 325S, 574N</td>
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<td>Component NEC: S010</td>
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<td>Legacy NEC Code: 3122</td>
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<tr>
<td>Primary Advisor: OPNAV (N41)</td>
<td>Technical Advisor: NAVSUP (05, 09B), NEXCOM</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTES:**
1. EMN, ETN, ETR, and MMN source rating personnel must be submarine designated.
2. Component NEC S010 applies to E3 Apprentice RS personnel.

**756B - Shipboard Chemical, Biological and Radiological-Defense (CBR-D) Operations and Training Specialist**

Trains and advises shipboard personnel on the integration of CBR-D doctrine into command organization and operations in addition to the necessary protective measures for defense against and recovery from shipboard chemical, biological, or radiological involvement. Supervise and perform operational procedures and organizational level maintenance on CBR-D detection, protection and removal equipment.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Source Rating: AD, AE, AM, AME, AT</td>
<td>Billet Paygrades: E5-E8</td>
<td>Personnel Paygrades: E5-E8</td>
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<td>Source Rating: AF, AV</td>
<td>Billet Paygrades: E9</td>
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<td>Course: Mandatory</td>
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<td>Component NEC:</td>
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<td>Legacy NEC Code: 4805</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>
757A - Broadcast Operations Director
Directs the operation of radio, television, satellite, cable, and shipboard SITE support systems as coordinated elements of the command information broadcasting function. Conducts research, plans programming, production, budgeting, training, and maintenance. Performs liaison with host and other tenant activities to provide broadcast command information service. Conducts initial negotiations for facility modifications and inter-service support agreements. Supervises Broadcast Operation Specialists, Broadcast Engineers, Videographers, Graphic Designers, Clerks and Logistic personnel. Coordinates with Department of Defense level media activities to support American Forces Information Service products and taskings.

Source Rating: MC
Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
Source Rating: IC
Billet Paygrades: E6-E8
Personnel Paygrades: E6-E8
Course: Mandatory
CIN: S-570-0018
CDP: 961Y
Sequence Code: 3
ESTB Date: REV Date: 3/1/18
NR Ind: R
Component NEC: V78B
Related NEC:
Legacy NEC Code: 3251
Primary Advisor: OPNAV (N09C)
Technical Advisor: CHINFO
ECM: BUPERS-32

NOTES:
1. Graduate from the Broadcast Managers Course at the Defense Information School (DINFOS) or 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 V78B is requirement for IC personnel only.

757B - 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
Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
Course:
CIN:
CDP:
Sequence Code: 4
ESTB Date: REV Date: 7/1/18
NR Ind: R
Component NEC:
Related NEC:
Legacy NEC Code: 5328
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05 (PMS-EOD)
ECM: BUPERS-32

758B - 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: 1/10/20
NR Ind: R
Component NEC: M1DV or B16A
Related NEC:
Legacy NEC Code: 5375
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

NOTES:
1. Awardable Source Ratings are in accordance with MILPERSMAN 1220-100.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

759B - Air Launched Weapons Technician
Performs fleet intermediate level maintenance ashore and afloat on all air-launched weapons in accordance with the Naval Ordnance Management Policy (NOMP) and within the explosive safety rules and regulations of NAVSEA OP 4, OP 5 and OP 3565.

Source Rating: AO
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
Course: Mandatory
CIN: C-646-7007 (P/L)
CDP: 555C, 569A, 432W
Sequence Code: 5
ESTB Date: REV Date: 12/9/19
NR Ind: R
Component NEC:
Related NEC:
Legacy NEC Code: 6801
Primary Advisor: OPNAV(N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 12/9/19.
**760B - Strike Intermediate Armament Maintenanceman**
Performs intermediate level maintenance on strike aviation armament equipment.

Source Rating: AO  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: C-646-3118  
CDP: 1068, 552A  
Sequence Code: 5  
ESTB Date:  
REV Date: 1/10/20  
Component NEC: Related NEC:  
Primary Advisor: OPNAV(N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  

**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

**761A - 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  
Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E9  
Course: OJT, JQR  
CIN: V-652-4541 (P/L)  
Sequence Code: 3  
ESTB Date: REV Date: 3/1/18  
Component NEC: Related NEC:  
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 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](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.

**761B - Stationary Hydraulics Test Stand Operator/Maintenanceman - NEC Code Disestablished (Recode all Billets & Personnel to 0000)**

**762A - Electrical Motor Rewinder**
Rewinds AC and DC motor and generator stators, rotors, field coils, and armatures utilizing round wire or formed coils. Takes rewinding data, replaces brushes, adjusts brush rigging, dips, bakes, renews bearings, assembles, and test runs.

Source Rating: EM, EMN  
Billet Paygrades: E4-E7  
Personnel Paygrades: E3-E7  
Course: Mandatory  
CIN: J-662-0021  
CDP: 471R, 4893  
Sequence Code: 5  
ESTB Date: REV Date: 7/13/18  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N96)/(N97)  
Technical Advisor: NAVSEA 05  
ECM: BUPERS-32  

**NOTES:**
1. NEC code awarded upon completion of the appropriate SQIP course and proficiency examination.  
2. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.  
3. Last reviewed during “EM TRR” completed 7/13/18.

**762B - Aeronautical Welder**
Welds, at the intermediate maintenance level, aeronautical equipment/parts manufactured from alum/alum alloys, steel/steel alloys, stainless steel alloys, and precipitating hardening nickel based alloys using shielded metal arc, gas tungsten arc, and oxy/fuel welding processes. Maintains aeronautical welding equipment.

Source Rating: AM, AS  
Billet Paygrades: E4-E6  
Personnel Paygrades: E3-E6  
Course: Mandatory  
CIN: N-701-0007 (AM)  
CDP: 884X, 907S, 9119, 931F  
N-701-0009 (AS)  
884Z, 933E, 938J, 9120  
Sequence Code: 5  
ESTB Date: REV Date: 7/1/18  
Component NEC: Related NEC:  
Primary Advisor: OPNAV (N98)  
Technical Advisor: NAVAIR  
ECM: BUPERS-32  

**NOTES:**
1. AM/AS personnel may attend both CINs, if required by receiving command and funding permits.  
2. Course N-701-0008 or N-701-0010 is authorized as a "requalification" course only.
763A - 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
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7
Course: Mandatory
CIN: J-690-0029
CDP: 703D
Sequence Code: 4
ESTB Date: REV Date: 3/1/18
NR Ind: R
Component NEC:
Related NEC:
Legacy NEC Code: 4668
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

763B - Aircraft Non-Destructive Inspection Technician
Operates/performs liquid penetrant, magnetic particle, eddy current, ultrasonic, radiographic, and composite material NDI methods. Operates/permforms optical inspection equipment, gaseous leak detection equipment, electrical conductivity measurement equipment, hardness testing equipment, ultrasonic leak detection equipment, magnetic rubber inspection, and radiation safety procedures. Interprets indications and determines type and extent of flaws.

Source Rating: AM
Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8
Course: Mandatory
CIN: A-690-0099
CDP: 708Z
Sequence Code: 5
ESTB Date: REV Date: 1/10/20
NR Ind: R
Component NEC:
Related NEC:
Legacy NEC Code: 7225
Primary Advisor: OPNAV (N98)
Technical Advisor: NAVAIR
ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

764A - Shipboard Elevator Electronic/Electrical System Maintenance Technician
Tests, inspects and performs organizational level maintenance on shipboard weapons and cargo handling elevators on a system and component level. Troubleshoots and repairs electronic/electrical systems and equipment, such as controllers, sensors, switches, and the electrical components of hydraulic/mechanical interfaces. Coordinates efforts with operators and maintainers of other ratings using or servicing the systems.

Source Rating: EM, FC, GM, IC
Billet Paygrades: E4-E7
Personnel Paygrades: E3-E7
Course: Mandatory
CIN: A-690-0099
CDP: 585P
Sequence Code: 4
ESTB Date: REV Date: 7/13/18
NR Ind: R
Component NEC:
Related NEC:
Legacy NEC Code: 4671
Primary Advisor: OPNAV (N96)/(N98)
Technical Advisor: NAVAIR, NAVSEA 05
ECM: BUPERS-32

NOTES:
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.
2. Last reviewed during “EM TRR” completed 7/13/18.

765A - 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 interfaces using calibration and working standards.

Source Rating: EM, IC
Billet Paygrades: E4-E7
Personnel Paygrades: E3-E7
Course: Mandatory
CIN: A-670-0043
CDP: 577E
Sequence Code: 3
ESTB Date: REV Date: 7/13/18
NR Ind: R
Component NEC:
Related NEC:
Legacy NEC Code: 4675
Primary Advisor: OPNAV (N43)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

NOTES:
1. Personnel requesting this NEC code course must have a minimum of twelve (12) months shipboard experience and the Commanding Officer’s recommendation.
2. Last reviewed during “EM TRR” completed 7/13/18.

766A - Automated Electrolytic Oxygen Generator (AEOG) Electrical Maintenance Technician
Performs electrical maintenance on the AEOG; and 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: 2/7/18
NR Ind: R
Component NEC:
Related NEC: 752B
Legacy NEC Code: 4708
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA 05
ECM: BUPERS-32

NOTE: Last reviewed during “EMN TRR” completed 2/7/18.
### 767A - Gyrocompass Maintenance
Performs organizational level preventive and corrective maintenance, troubleshooting and fault isolation on the MK 27 MOD 0 Gyrocompass.

<table>
<thead>
<tr>
<th>Source Rating:</th>
<th>IC, EM</th>
<th>Billet Paygrades:</th>
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</table>

### 767B - MH-60S Organic Airborne Mine Countermeasures (OAMCM) Systems Maintenance Technician
Performs preventive and corrective maintenance on OAMCM systems and associated aircraft mission interface systems employed by the MH-60S.

<table>
<thead>
<tr>
<th>Source Rating:</th>
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<th>Billet Paygrades:</th>
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**NOTE:** NEC code may be awarded through cadre training pending establishment of formal training.

### 768A - 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.

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### 768B - 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).

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**NOTE:** Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

### 769B - C-20A/D Organizational Maintenance Technician - NEC Code Disestablished (Recode all Billets & Personnel to 0000)

**NOTE:** NEC code may be awarded through cadre training pending establishment of formal training.

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**219**
770B - 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)
Personnel Paygrades: E7-E9
Personnel NEC Code: 8800

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 724B or 770B prior to the fixed wing AW rating merger may reapply for reinstatement of their previously awarded 724B or 770B. 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 770B and request reinstatement, will also be eligible to request the 724B, provided all requirements are met.
3. Awarding of this NEC code for Source Rating AW (E9) only applies to SELRES personnel.
4. Last reviewed during “CNATT TRR” completed 2/6/20.

771B - 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: 804G
Primary Advisor: SPECWARCOM
Personnel Paygrades: E4-E9
Personnel NEC Code: 9187

NOTE: TS/SCI security clearance required.

772A - 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
Course: Mandatory
Sequence Code: 3
Component NEC: OPNAV (N95)
Primary Advisor: OPNAV (N95)
Personnel Paygrades: E4-E9
Personnel NEC Code: 7352

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 772A upon member's completion and documentation of all applicable prerequisite requirements.
772B - 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).

Source Rating: AE, AT, CTT, EM, ET, ETN, ETR, ETV, FC, FCA, FT, GM, GSE, IC, IT, MN, MT, STG, STS
Billet Paygrades: E5-E7
Personnel Paygrades: E5-E8
Course: Mandatory
CIN: A-100-0058
ESTB Date: 2/19/13
REV Date: 7/1/18
Component NEC: 783A
Primary Advisor: OPNAV (N43)
Related NEC: NAVSEA 04, NAVAIR
Technical Advisor: NAVSEA 04, NAVAIR
EcM: OPNAV (N13)
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, IT, MT, STG, and STS.
3. For the CTT source rating only, NEC codes C00A, C02A and C04A are prerequisites for this NEC code.

773A - 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
Personnel Paygrades: E3-E9
Course: Mandatory
CIN: C-860-0011
ESTB Date: 2/19/13
REV Date: 3/1/18
Component NEC: 805A and 783A
Primary Advisor: OPNAV (N95)
Related NEC: NAVSEA 04, NAVAIR
EcM: BUPERS-32
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 773A will be allowed to maintain NEC code.

773B - 2M Instructor

Source Rating: AE, AT, CTT, EM, ET, ETN, ETR, ETV, FC, FCA, FT, GM, GSE, IC, IT, MN, MT, STG, STS
Billet Paygrades: E5-E7
Personnel Paygrades: E5-E8
Course: Mandatory
CIN: A-100-0074 (P/L)
ESTB Date: 2/19/13
REV Date: 10/15/19
Component NEC: 805A and 783A
Primary Advisor: OPNAV (N96)
Related NEC: 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 normally assigned to AE, AT, EM, ET, FC, FT, GM, GSE, IC, MT, IT, STG, and STS.
3. For the CTT source rating only, NEC codes C00A, C02A and C04A are prerequisites for this NEC code.

774B - Nuclear Propulsion and Submarine Disqualification Tracker
Tracking NEC code to identify CS, EMN, ETN, ETR, ETV, LS, MMA, MMN, TM, 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, LSS, MMA, MMN, TM, YN, YNS
Billet Paygrades:
Personnel Paygrades: E1-E9
Course:
CIN:
ESTB Date: 2/19/13
REV Date: 10/15/19
Component NEC:
Primary Advisor: BUPERS-32
Technical Advisor: BUPERS-32
EcM: BUPERS-32

NOTES:
**775B - Expeditionary - Maritime Security**
Performs and executes major combat operations; security in support of counter-insurgency operations; port security/harbor defense; humanitarian assistance/disaster response; theater security cooperation; law enforcement operations; security, stability, transition, and reconstruction operations; maritime interdiction operations.

Source Rating: BM, CM, EN, ET, GM, HM, IT, MA, MM, OS, QM  
Billet Paygrades: E6-E9  
Personnel Paygrades: E3-E9  
Course: OJT  
Sequence Code: 9  
ESTB Date: 8/28/14  
REV Date: 8/14/19  
CIN:  
Related NEC:  
Technical Advisor: CRG-1/CRG-2  
Legacy NEC Code: 90MS  
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 804G.
   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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 8/14/19.

**776A - Naval Aircrewman (Special Assignment)**
Performs in-flight duties as assigned in support of command mission.

Source Rating: AW, AWF, AWO, AWR, AWS, AWV, CS, HM  
Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
Course:  
Sequence Code: 3  
ESTB Date: 8/24/17  
REV Date: 8/24/17  
CIN:  
Related NEC:  
Technical Advisor: NAVAIR  
Legacy NEC Code: 8202  
ECM: BUPERS-32

**NOTES:**
1. Personnel assigned to this DNEC are assigned to BUPERS designated special billets with joint services, foreign services and special assignments where USN coding is not applicable.
2. This NEC is assigned as a distributive NEC only to personnel by BUPERS and billets may be coded only with prior BUPERS concurrence.
3. The use, applicability and retention of this NEC are of a restricted nature.
4. The goal is to prevent entry level naval aircrewmen assigned to these billets from trying to earn aircrew designation without complying with the requirements established for all naval aircrewmen.

**776B - 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: E4-E8  
Personnel Paygrades: E4-E8  
Course:  
Sequence Code: 2  
ESTB Date: 1/24/13  
REV Date: 7/5/18  
CIN:  
Related NEC:  
Technical Advisor: PEO USC, PEO IWS, COMLCSRON ONE  
Legacy NEC Code: 98MC  
ECM: BUPERS-32

**NOTES:**
1. 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.
2. Last reviewed during “NAVMAC Periodicity Review” completed 7/5/18.
777A - 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 and Airborne Command Control and Logistics aircrews perform in-flight duties as an Aircrewman, Instructor, and Evaluator. Duties include mission planning for SAR operations, NSW/SOF support, Combat Search and Rescue, Combat Logistics Operations, Carrier Onboard Delivery (COD), LOG support, AFTP, mission preparations, mission reconstruction, tactical flight brief/debrief, in-flight instructor, classified material handling up to Top Secret, small arms instruction, coaching, and range operation, crew served weapons handler and in-flight instructor/evaluator, ordnance handling and inspection, operate appropriate airborne equipment in helicopter mine countermeasures operations, and mission payload operator for organic 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/VQ/VRC/VRM (COD) squadrons will be identified as Level IV.

- Source Rating: AWF, AWO, AWG, AWR, AWV, CTL, CTR, CTT
- Course: Mandatory
- Sequence Code: 4
- Component NEC:
- Primary Advisor: OPNAV (N98)

NOTE:
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. SAMI and HAGI are not required for VQ(T) ACTC 500 Aircrrewmen.
6. "VRC/VRM" candidates for the Combat Logistics Instructor (CLI) Course in the C-2A or CMV-22 must complete the Combat Logistics Systems course, COD Advanced Readiness Program, Navy Instructor Training Course (NITC), and ACTC Level IV. Graduates will be identified as CLI/ACTC Level 500 instructors.

777B - 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: AG, BM, CS, DC, EM, EN, ET, FC, GM, GS, GSE, GSM, HM, HT, IT, IS, MM, MN, OS, QM, STG
- Course:
- Sequence Code: 2
- Component NEC:
- Primary Advisor: OPNAV (N96)

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.

778A - Second Loadmaster
Performs in-flight duties as a loadmaster assistant for the 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: OJT, JQR
- Sequence Code: 4
- Component NEC: 802A
- Primary Advisor: OPNAV (N98)

NOTE:
1. Personnel in the CS rating attaining the 778A 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 OJT/JQR and receiving NATOPS evaluation for the position of Second Loadmaster.
3. Last reviewed during "NAVMAC Periodicity Review" completed 3/12/18.
778B - 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: Mandatory
Sequence Code: 2
Component NEC: Surface Warfare (SUW) Mission Specialist
Primary Advisor: OPNAV (N96)

Billet Paygrades: E4-E8
Personnel Paygrades: E4-E8
CIN: ESTB Date: 1/24/13 REV Date: 7/1/18
Related NEC: Performed at the organizational level
Technical Advisor: PEO LMW (PMS 420), PEO IWS, 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.

779B - 25mm Machine Gun System (MGS) MK 38 MOD Gun Weapon System (GWS) Technician
Operates and maintains the 25mm MGS MK 38 MOD GWS. Performs preventive maintenance, failure detection, and fault isolation using Built-In-Test (BIT) equipment to perform organizational level maintenance.

Source Rating: AO, FC, GM
Course: Mandatory
Sequence Code: 4
Component NEC: 25mm Machine Gun System (MGS) MK 38 MOD Gun Weapon System (GWS) Technician
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E6
Personnel Paygrades: E3-E6
CIN: ESTB Date: 3/3/15 REV Date: 7/1/18
CIN: A-041-0004
Related NEC: Related to the 25mm Machine Gun System (MGS) MK 38 MOD Gun Weapon System (GWS)
Technical Advisor: NAVSEA 05H

NOTES:
1. Personnel who have previously completed CINs A-041-0003 and CIN J-041-2236 difference courses are eligible to earn NEC code 779B 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 779B with Commanding Officer’s endorsement. Ratings other than AO, FC and GM will not be assigned to billets.

780A - F-35C Aircraft Systems Organizational Maintenance Technician

Source Rating: AD, AE, AM, AME, AO, AT, PR
Course: Mandatory
Sequence Code: 4
Component NEC: F-35C Aircraft Systems Organizational Maintenance Technician
Primary Advisor: OPNAV (N98)

Billet Paygrades: E3-E7
Personnel Paygrades: E1-E7
CIN: ESTB Date: 10/22/12 REV Date: 3/1/18
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)
C-602-0041 (AE)
C-603-0007 (AM)
C-602-0042 (AME)
C-646-0007 (AO)
C-102-0430 (AT)
C-602-0040 (PR)
C-603-0007 (AM)
C-602-0042 (AME)
C-646-0007 (AO)
C-102-0430 (AT)
C-602-0040 (PR)

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.
780B - Cummins Diesel Engines Technician
Operates and performs organizational and/or extensive intermediate maintenance and overhaul on the Cummins Diesel Engines (6BTA5.9M and 6B5.9M) and associated auxiliary equipment.

Source Rating: EN
Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9

Source Rating: SB
Billet Paygrades: E4-E9
Personnel Paygrades: E4-E9

Course: Mandatory
CIN: K-652-0232

Sequence Code: 4
ESTB Date:        REV Date: 1/10/20

Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA 05

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

NOTE:
1. NEC code is currently awarded through completion of Navy school. NEC code previously awarded through factory training is still valid.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

781B - Maritime Integrated Air Planning System (MIPS) AN/UYQ-108 (V) 3 Shore-Based and Shipboard System Maintainer
Performs preventative and corrective maintenance on the AN/UYQ-108 (V) 3 shore based and AN/UYQ-108 (V) 2 shipboard MIPS systems, and associated components. Knowledgeable of digital electronic equipment maintenance and system administration procedures. Proficient in Windows and Linux administrative skills, with security + accreditation. Performs troubleshooting and fault isolation procedures utilizing maintenance and operational supported publication and faulted hardware modules.

Source Rating: ET, IT
Billet Paygrades: E4-E6
Personnel Paygrades: E4-E6

Course: Mandatory
CIN: A-150-0082

Sequence Code: 5
ESTB Date: 4/17/18 REV Date: NR Ind: A

Component NEC: Related NEC:
Primary Advisor: OPNAV (N96)
Technical Advisor: NAVSEA PEO IWS 6.0

Billet Paygrades: E4-E6
Personnel Paygrades: E4-E6

NOTE: Personnel should be Information Assurance qualified with Windows and Linux administrative skills, and security + accreditation.

782B - SSN 784 - 802 Virginia Payload Tube (VPT) Maintenance Technician
Possess the knowledge and skills required to operate, and perform preventive maintenance and basic corrective maintenance on submarine VIRGINIA Payload Tube components unique to SSN 784 - 802 VIRGINIA class ships.

Source Rating: FT, TM
Billet Paygrades: E3-E7
Personnel Paygrades: E3-E7

Course: Mandatory
CIN: A-123-0310

Sequence Code: 2
ESTB Date: 10/5/18 REV Date: 10/15/19 NR Ind: N

Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)
Technical Advisor: NAVSEA

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

NOTE: CIN: S-100-7300 and CDPs: 12WN, 12WP, 12WR, 12WS, 12WT are for use by the 2M MTR Fleet Coordinators only.

783A - Microminiature Electronic Repair Technician
Performs additional repairs beyond those taught to NEC code 784A 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, ESN, ETR, ETV, 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

Sequence Code: 7
ESTB Date: 3/1/18 REV Date: NR Ind: R

Component NEC: 784A
Related NEC: 730A
Primary Advisor: OPNAV (N43)
Technical Advisor: NAVSEA 04, NAVAIR

Billet Paygrades: S-100-7300
Personnel Paygrades: 092V, 093Y, 452E, 439U, 769H, 8706

CDP: 092V, 093Y, 452E, 439U, 769H, 8706

ECM: BUPERS-32

NOTES:
1. NEC code is normally assigned to AE, AT, CTT, EM, ET, FC, FCA, FT, GM, GSE, IC, MT, IT, STG, STS, MN.
2. NEC code is normally assigned to AE, AT, CTT, EM, ET, FC, FCA, FT, GM, GSE, IC, MT, IT, STG, STS.
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 C00A, C02A and C04A are prerequisites for this NEC code.
783B - Mine Warfare Planner
Performs mine warfare planning, execution, evaluation, administration, troubleshooting and reporting using Mine Warfare Tactical Decision Aids at the operator and supervisory level.

Source Rating: AG, AWS, ET, FC, GM, IT, MN, OS, QM, STG
Billet Paygrades: E4-E7 Personnel Paygrades: E3-E8
Course: Mandatory CIN: A-130-0003 A-130-1167
Sequence Code: 3 ESTB Date: 10/31/18 REV Date: 7/17/19
Component NEC: Related NEC: NR Ind: A
Primary Advisor: OPNAV (N95) Technical Advisor: NAVSEA (PMS 495) Legacy NEC Code:
NOTES:
1. Secret security clearance is required.
2. All students are required to complete the following Mine Warfare courses via Navy eLearning on My Navy Portal:
   a. Mine Warfare Units must complete CSCS-MWLC-MWC-2.0 prior to convening.
   b. Non-Mine Warfare Units must complete MWLC-MIWE-1.0 prior to convening.
3. Last reviewed during “CSCS TRR” completed 7/17/19.

784A - 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, ETV, FC, FCA, FT, GM, GSE, IC, IT, MN, MT, STG, STS
Billet Paygrades: E4-E6 Personnel Paygrades: E3-E6
Course: Mandatory CIN: A-100-0072 S-100-7200
Sequence Code: 7 ESTB Date: 7/26/19 REV Date: 1/29/20
Component NEC: Related NEC: NR Ind: R
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, FT, GM, GSE, IC, IT, MN, MT, STG and STS.
3. CIN S-100-7200 and CDPs 12W8, 12W9, 12WB, 12WC are for use by 2M MTR Fleet Coordinators only.
4. For the CTT source rating only, NEC codes C00A, C02A and C04A are prerequisites for this NEC code.
5. Last reviewed during “CSCS TRR” completed 1/29/20.

784B - Steering Gear Systems Electrical Technician
Performs Organizational or Intermediate Level Preventative Maintenance (PM) and Corrective Maintenance (CM) on shipboard steering systems to include operation and troubleshooting.

Source Rating: EM, IC
Billet Paygrades: E5-E6 Personnel Paygrades: E4-E7
Course: Mandatory CIN: A-652-9019 (P/L) CDP: 20AX
Sequence Code: 4 ESTB Date: 7/26/19 REV Date: NR Ind: R
Component NEC: Related NEC: Legacy NEC Code:
Primary Advisor: OPNAV (N96) Technical Advisor: NAVSEA 05 ECM: BUPERS-32
785A - SEAL Delivery Vehicle (SDV) Team Technician
Performs maintenance and support of classified combatant submersible systems and related equipment assigned to Naval Special Warfare SDV Teams. Major equipment includes MK VIII SEAL Delivery Vehicles (SDV) Dry Deck Shelters (DDS) Transport Systems and accessory equipment. Duties include preventive/corrective maintenance (through the intermediate level) and forward operational deployment as an independent duty technician with amphibious and other contingency forces in support of Naval Special Warfare Operations.

- Source Rating: EMN, EN, ETR, ETV, HT, IC, MMA, MR
- Course: Mandatory
- Sequence Code: 7
- Component NEC:
- Primary Advisor: OPNAV (N95)

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

NOTES:
1. Course K-102-0306 is for ETR and ETV ratings.
2. NEC code will be awarded upon completion of formal training program conducted at the Naval Special Warfare Center and recommendation of the Commanding Officer that certifies member as a qualified SDV Team Technician.
3. The Naval Reserve indicator is “R” for ETR and ETV personnel.

785B - Special Operations Forces (SOF) Offensive Cyberspace Operator
Provides limited and focused Offensive Cyberspace Operations support to SOF. Conducts time sensitive intelligence operations and delivers cyberspace effects in direct support of SOF tactical objectives in the air, ground, and maritime environments.

- Source Rating: CTM, CTN, CTR, ET, IT
- Course: Mandatory
- Sequence Code: 3
- Component NEC:
- Primary Advisor: JSOC J3

Billet Paygrades: E5-E9
Personnel Paygrades: E4-E9

NOTES:
1. Must possess a Top Secret/Sensitive Compartmented Information security clearance and an active Counter Intelligence Scope Polygraph.
2. NEC code is awarded upon completion of the Joint Special Operations Command (JSOC) Cyber Operators Course. The JSOC Cyber Operators Course is a mandatory course for all Navy SOF Offensive Cyberspace Operators providing direct support to JSOC.

786A - Advance SEAL Delivery System Maintainer
Performs 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
- Course: PQS
- Sequence Code: 7
- Component NEC:
- Primary Advisor: SPECWAR

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

NOTES:
1. Formal training and PQS is required to receive this NEC code.
2. Personnel will normally be qualified in submarines.

786B - 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: ABE, ABF, ABH, DC
- Course: Mandatory
- Sequence Code: 3
- Component NEC:
- Primary Advisor: OPNAV (N98)

Billet Paygrades: E4-E8
Personnel Paygrades: E3-E8

NOTE: NEC code is awardable to ABE, ABF, ABH, and DC Source Ratings for Active Duty Component personnel and is awardable to ALL Source Ratings for Reserve Component personnel. The primary non-ABH personnel who are assigned this NEC code will be associated with the Commander, Navy Installations Command, Fire and Emergency Services program.
787A - 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  
Course: Mandatory  
Sequence code: 7  
Component NEC:  
Primary Advisor: OPNAV (N95)

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: 5-041-0002  
ESTB Date: 9/24/18  
REV Date: 9/24/18  
Related NEC: SPECWAR  
Technical Advisor: SPECWAR

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

788A - 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, AW, AWF, AWO, AW, AWS, AWV, AZ, LS, LSS, PR

Course: OJT, PQS

Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
CIN:  
ESTB Date: 11/97  
REV Date: 11/14/19  
Related NEC:  
Technical Advisor: NAVAIR, NAVSUP (04)

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 (DACC) 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.

789A - Unmanned Undersea Vehicle (UUV) Operator

Performs duties as a member, or in support of a UUV activity, to include sortie planning, launch and recovery, local or remote watch, post mission analysis, and organizational level maintenance.

Source Rating: AG, EOD, ETR, ETV, FT, IS, ITS, MMA, ND, OS, SO, STG, STS, TM

Course: OJT, PQS

Billet Paygrades: E5-E8  
Personnel Paygrades: E5-E8  
CIN:  
ESTB Date: 11/26/19  
REV Date: 11/26/19  
Related NEC:  
Technical Advisor: NAVSEA PMS 406 & 408

NOTES:
1. To be eligible for this NEC Code member must have:
   a. Qualified on a Navy UUV system.
   b. Completed at least two weeks of formal classroom instruction on the operation and maintenance of UUVs (e.g., factory schooling, university short-course, MK-18 operator course, etc.).
   c. Completed twelve months of OJT and primary duties involved UUV operations.
2. Reserve Force members may satisfy the OJT requirement by 100 days of Annual Training (AT) and Active Duty for Training (ADT) or 18 months of Individual Duty for Training (IDT) and AT in support of UUV operations.
3. Submit NAVPERS 1221/6 to PERS-4013 with endorsement from UUV activity.
**790A - 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
- **Course:** Mandatory
- **Sequence Code:** 7
- **Component NEC:** 772A, 805A
- **Primary Advisor:** OPNAV (N96)
- **Personnel Paygrades:** E6-E9
- **ESTB Date:** REV Date: 3/1/18
- **Technical NEC:** NAVSEA 05
- **Technician:** NAVSEA 05
- **Legacy NEC Code:** 9554
- **ECM:** OPNAV (N13)

**NOTE:** 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.

**791A - 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
- **Course:** Mandatory
- **Sequence Code:** 7
- **Component NEC:**
- **Primary Advisor:** DUSN (Policy)
- **Billet Paygrades:** E3-E9
- **ESTB Date:** REV Date: 3/1/18
- **Technical NEC:**
- **Technical Advisor:** NAVAIR
- **Personnel Paygrades:** E3-E9
- **CDP:** 925X, 925W
- **NR Ind:** R
- **Legacy NEC Code:** 9556
- **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.

**792A - 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
- **Course:** Mandatory
- **Sequence Code:** 7
- **Component NEC:**
- **Primary Advisor:** OPNAV (N98)
- **Billet Paygrades:** E5-E7
- **ESTB Date:** REV Date: 1/1020
- **Technical NEC:**
- **Technical Advisor:** NAVAIR
- **Personnel Paygrades:** E5-E8
- **ESTB Date:** REV Date: 1/1020
- **Legacy NEC Code:** 9590
- **ECM:** OPNAV (N13)

**NOTE:** Last reviewed during “CSCS TRR” completed 1/29/20.

**793A - 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
- **Course:** Mandatory
- **Sequence Code:** 7
- **Component NEC:**
- **Primary Advisor:** OPNAV (N97)/(N98)
- **Billet Paygrades:** E4-E9
- **ESTB Date:** REV Date: 3/1/18
- **Technical NEC:**
- **Technical Advisor:** NAVSEA 05
- **Personnel Paygrades:** E4-E9
- **ESTB Date:** REV Date: 3/1/18
- **Legacy NEC Code:** 9594
- **ECM:** OPNAV (N13)
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.

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<td>CDP: 02PB</td>
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<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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 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. Personnel must have completed the Special Operator Radio Course (SOROC) and be assigned to Joint Communications Unit.

Operates the 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.

<table>
<thead>
<tr>
<th>Source Rating: ET, MN, STG</th>
<th>Billet Paygrades: E3-E8</th>
<th>Personnel Paygrades: E3-E8</th>
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<td>Course: Mandatory</td>
<td>CIN: A-130-0025, A-130-0023</td>
<td>CDP: 06J7, 06J5</td>
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<td>ESTB Date: 9/24/18</td>
<td>NR Ind: A</td>
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<td>Component NEC: Related NEC:</td>
<td>Related NEC:NAVSEA 05</td>
<td>Legacy NEC Code: 9616</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>

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

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.

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.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
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<td>CDP: 00U9, 666T, 666U, 666Z, 6678, 6679, 11WU, 11WV, 12GS, 12RJ, 13BE, 13GS, 13GU, 13GV, 13GW, 13H3, 16ET, 16EU, 16F2, 16F3, 16F4, 16F5, 16F7, 16F8, 16F9, 16FA, 16FB, 16FC, 16FD, 17P4, 18N0</td>
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<td>Legacy NEC Code: 0121</td>
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<td>Primary Advisor: OPNAV (N96)</td>
<td>Technical Advisor: NAVSEA 05</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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 JQR located at https://navsea.navy.deps.mil/FIELD/cnrmc/namts/default.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.
799A - Causeway Barge Ferry Coxswain
Operates Causeway Section Powered and Improved Navy Lighterage Warping Tug with 360-degree water jet propulsion system in support of amphibious operations and Maritime Prepositioned Ship operations.

Source Rating: BM, GM  Billet Paygrades: E4-E6  Personnel Paygrades: E4-E6
Course: OJT, PQS  CIN:  REV Date: 9/24/18  NR Ind: A
Sequence Code: 3  ESTB Date: Related NEC: Legacy NEC Code: 0169
Component NEC: Related NEC: ECM: BUPERS-32
Primary Advisor: OPNAV (N95)  Technical Advisor: NAVFAC SSPO

NOTES:
1. Personnel may earn this NEC code by completing applicable OJT/PQS.
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).

8XXX - ALL CAREER FIELDS (RATINGS)

8CFL - 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: E4-E9  Personnel Paygrades: E4-E9
Course: Mandatory  CIN: S-562-0612  CDP: 08HM, 08HN, 08HP, 08HR, 08HS, 08HT, 08HU, 08HV, 08HW, 08HY, 08HZ, 08JO, 08J1, 08J2, 08J3, 08J4, 08J5, 08J6, 08J7, 08J8, 08J9, 08JA, 08JB, 08JC, 08JD, 08JE, 08JF, 08JG, 08JH, 08JI, 08JK, 08JL, 08KL, 08KM, 08KN, 08KP, 08KR, 08KS, 08KT, 08KU, 08KV, 08KW, 08KX, 08KY, 08KZ, OSLO, 08L1, 08L2, 08L3, 08L4, 08LU, 08LV, 08MX
Sequence Code: 7  ESTB Date: 7/30/14  REV Date: 9/19/19  NR Ind: A
Component NEC:  Related NEC: Legacy NEC Code: 95PT
Primary Advisor: OPNAV (N17)  Technical Advisor: OPNAV (N17)  ECM: OPNAV (N17)

NOTES:
1. Personnel must meet all requirements as established in OPNAVINST 6110.1 Series. Specifically, a non-tobacco user, 1% under established body composition assessment, minimum passing score of “Excellent Low” on most recent physical readiness test, cardio pulmonary resuscitation qualified, as well as be able to run 1.5 miles during the 5-day certification course and attain a minimum overall score of “Excellent Low” or better. CFLs must recertify every 3 years via the 5-day course or 2-day seminar to maintain this NEC code.
2. Last reviewed during “NAVMAC Periodicity Review” completed 9/19/19.

8CMC - Command Master Chief
Performs as the principle enlisted advisor to their respective commander/commanding officers under the provisions of OPNAVINST 1306.2 (series).

Source Rating: All  Billet Paygrades: E9  Personnel Paygrades: E9
Course: Mandatory  CIN: A-570-4500  CDP: 788J
Sequence Code: 2  ESTB Date:  REV Date: 1/22/20  NR Ind: A
Component NEC:  Related NEC: Legacy NEC Code: 9580
Primary Advisor: OPNAV (N00D)  Technical Advisor: NETC-003  ECM: BUPERS-32

NOTES:
1. NEC code is assigned to personnel in paygrade E-9 with two years time in distributable NEC code 8CMC. Submit NAVPERS 1221/6 to BUPERS (PERS-40FF).
2. Qualification for NEC code is based on successful screening by CHNAVPERS.
3. Commanding officers must periodically review the performance of personnel assigned NEC code 8CMC for quality control purposes.
4. Completion of Senior Enlisted Academy (CIN/CDP: P-920-1300/960F or P-920-1301/979B) is required in conjunction with assignment to 8CMC NEC code billet.
5. Completion of regional Command Master Chief Course using the NAVEDTRA 38204-A, Student’s Source Book is required.
8COB - 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: Chief of the Boat (All Submarines)
Primary Advisor: OPNAV (N97)

Billet Paygrades: E8-E9
Personnel Paygrades: E8-E9
CIN: A-570-4500
ESTB Date: 10/1/17
REV Date: 1/22/20
NR Ind: R
Legacy NEC Code: 9579

8CSC - 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: Command Senior Chief
Primary Advisor: OPNAV (N97)

Billet Paygrades: E8
Personnel Paygrades: E8-E9
CIN: A-570-4500
ESTB Date: 1/22/20
REV Date: 1/22/20
NR Ind: A
Legacy NEC Code: 9578

8MTS - Master Training Specialist
Demonstrates advanced instructional techniques; develops, implements and evaluates curricula, instructions and course supporting materials; performs adjunct training management functions including: Instructor In-service Training, Instructor Evaluations and Formal Course Reviews.

Source Rating: All
Course: PQS
Sequence Code: 7
Component NEC: Master Training Specialist
Primary Advisor: NETC

Billet Paygrades: E5-E9
Personnel Paygrades: E5-E9
CIN: A-012-0037
ESTB Date: 10/1/17
REV Date: 1/22/20
NR Ind: R
Legacy NEC Code: 9508

8RDC - 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: Recruit Instructor
Primary Advisor: OPNAV N7

Billet Paygrades: E5-E9
Personnel Paygrades: E5-E9
CIN: A-012-0037
ESTB Date: 10/1/17
REV Date: 10/1/17
NR Ind: R
Legacy NEC Code: 9508

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 NEC code 8COB billets.
3. Completion of regional Command Master Chief Course using the NAVEDTRA 38204-A, Student’s Source Book is required.

1. Upon award of the 8CSC NEC code, the 8CSC NEC code will be removed from member’s personnel file.
2. Completion of Senior Enlisted Academy (CIN/CDP: P-920-1301/979B) is required in conjunction with assignment to an 8CSC NEC code billet.

3. Personnel must complete NA VEDTRA 43100-7 (Series) Personnel Qualification Standards (PQS). NA VEDTRA 43100-7 presents the minimum requirements for Master Training Specialist (MTS) designation. Additional line items unique to an organization may be added to the PQS upon recommendation of the Command MTS Program Coordinator and approval by the Unit Commanding Officer.
8SEA - Graduate of the U.S. Navy Senior Enlisted Academy (SEA)
Identify and track Navy personnel who graduate from the SEA.

Source Rating: All  Billet Paygrades:  Personnel Paygrades: E7-E9
Course: Mandatory  CIN: P-920-1300  CDP: 960F
Sequence Code: 8  ESTB Date: 4/16/18  REV Date:  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code:
Primary Advisor: NAVWARCOL (SEA)  Technical Advisor: NAVWARCOL (SEA)  ECM: PERS-40FF

NOTE: Member shall meet all requirements per MILPERSMAN 1306-925 prior to attending the SEA.

800A - LCAC Operator
Operates Landing Craft Air Cushion (LCAC) vehicles in amphibious assault and training operations to and from LHA, LHD, LPD, LSDs, and across surf and beach interfaces. Executes current amphibious assault tactics employing International and Inland Rules of the Road, navigation, and radio and visual communications procedures. Supervises LCAC crew in all phases of craft operation.

Source Rating: All  Billet Paygrades: E7-E9  Personnel Paygrades: E6-E9
Course: Mandatory  CIN: K-062-0100  CDP: 0621, 424H
  K-062-0120  04SD, 04SE
Sequence Code: 2  ESTB Date:  REV Date: 10/1/17  NR Ind: N
Component NEC:  Related NEC:  Legacy NEC Code: 0167
Primary Advisor: OPNAV (N95)  Technical Advisor: NAVSEA 05  ECM: BUPERS-32

NOTES:
1. A minimum ASVAB score of AR+MK+EI+GS = 204 is required for entry into the training courses. Interested candidates who meet the requisite ASVAB score should contact their detailer for nomination to the LCAC program. PERS-409 (Special Programs) will coordinate assignment with the appropriate detailer.
2. NEC Candidates must be physically qualified for special duty in accordance with the Manual of the Medical Department (NAVMED P117).
3. Successful completion of the Naval Aerospace Medical Research Laboratory (NAMRL) LCAC Operator Psychomotor Test is required prior to assignment to contractor training and course K-062-0100.
4. NEC code candidates must be qualified as a second class swimmer in accordance with NAVPERS 15560C.
5. NEC code 800A will be awarded upon successful completion of Advanced Qualification Training (AQT) conducted by parent unit’s training department.

800G - Individual Augmentation (IA) Support Assignment-Basic Combat Unit Member
Completion of training and experience as a Basic Combat Unit Member. Members are qualified in M16 and M9 and familiar with various small arms weapons. Graduates have also obtained a license for HMMWV and have been familiarized with other tactical vehicles. Graduates of this course have been educated in land navigation, qualified in a Ground Assault Course, Entrance Control Point procedures, Quick Reaction Force tactics, Forward Operating Base operations and can defend against a level one threat. They obtain the knowledge of identifying foreign weapons systems and their capabilities. Members are also knowledgeable of the current standards of conduct for detainee operations and detention definitions. Graduates are also Combat Life Saver qualified. Efforts lead to greater stability and security in the Global War on Terrorism.

Source Rating: All  Billet Paygrades:  Personnel Paygrades: E1-E9
Course: Mandatory  CIN: A-250-0100  CDP: 01R3
Sequence Code: 9  ESTB Date:  REV Date: 10/1/17  NR Ind: A
Component NEC:  Related NEC:  Legacy NEC Code: 90BC
Primary Advisor: NECC  Technical Advisor: ECRC  ECM: Pers 46

NOTES:
1. Requisite training to earn this NEC code will be a combination of formal training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.
800R - Career Recruiter Force
Provides Leadership and supervision to Navy recruiters in both Officer and Enlisted disciplines (e.g., sourcing, sales, assessing and onboarding). Develops and implements effective recruiting plans to achieve assigned missions. Analyzes market trends and recruiting efforts to make adjustments. Mentors and trains recruiters. Conducts sales and performance improvement coaching. Develops strategic partnerships to foster Navy awareness and manages available resources. Enforces policies, programs, and best business practices to ensure compliance.

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 BUPERS-4013D2 of approval for lateral conversion and request award of this NEC code.

801A - Surface Rescue Swimmer
Performs duties as a rescue swimmer for recovery of personnel and equipment at sea.

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.
   - 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 e
dependent on 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 “NAVMAC Periodicity Review” completed 5/29/18.

801G - 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.

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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 10/16/17.
801R - 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: Mandatory
Sequence Code: 4
Component NEC: 803R, 805R
Primary Advisor: CNRC

Billet Paygrades: E5-E7
CIN: C-050-1500
ESTB Date: REV Date: 10/1/17
Related NEC: 800R
Technical Advisor: CNRC

Personnel Paygrades: E5-E7
CDP: 806E
NR Ind: R
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 800R Career Recruiter.

802A - Naval Aircrewman Candidate
Performs assignments in training, for flight crewman.

Source Rating: All
Course: Mandatory
Sequence Code: 8
Component NEC: 
Primary Advisor: OPNAV (N98)

Billet Paygrades: 
CIN: C-050-1500
ESTB Date: REV Date: 10/1/17
Related NEC: 801G
Technical Advisor: NAVAIR

Personnel Paygrades: E1-E8
CDP: 806E
NR Ind: R
ECM: BUPERS-32

NOTES:
1. This NEC is assigned to those personnel undergoing flight indoctrination training and evaluation prior to completing a course of instruction leading to a crewmember NEC.
2. Members awarded this NEC must meet basic aircrew prerequisites, be in training for a valid Aircrew billet, and qualify for such training under the provisions of the BUPERSINST V40A.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 V40A.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 802A.

802G - 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
Component NEC: NECC
Primary Advisor: NECC

Billet Paygrades: 
CIN: S-501-0031
ESTB Date: REV Date: 10/1/17
Related NEC: 801G
Technical Advisor: ECRC

Personnel Paygrades: E1-E9
CDP: 
NR Ind: A
ECM: BUPERS-32

NOTE: This course will be a combination of formal U.S. Army training and OJT.

802R - 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
Course: Mandatory
Sequence Code: 3
Component NEC: PERS-40
Primary Advisor: PERS-40

Billet Paygrades: E5-E7
CIN: S-501-0031
ESTB Date: REV Date: 10/1/17
Related NEC: 
Technical Advisor: PERS-40

Personnel Paygrades: E5-E8
CDP: 945P
NR Ind: R
ECM: BUPERS-32

235
803A - Unmanned Aerial Vehicle (UAV) Systems Organizational Maintenance Technician
Performs organizational level maintenance on UAV systems and support equipment.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades: E3-E7</th>
<th>Personnel Paygrades: E3-E8</th>
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<td>Primary Advisor:</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
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NOTE: NEC code 803A may be earned by completion of a platform specific Original Equipment Manufacturer (OEM) training program, contractor training program, or by completion of an Aircraft Controlling Custodian (ACC) approved PQS.

803G - 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.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E1-E9</th>
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<td>Technical Advisor: ECRC</td>
<td>ECM: Pers 46</td>
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</table>

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.

803R - Navy Recruiter Canvasser
Recruits individuals into the U.S. Navy and Naval Reserve, both officer and enlisted programs. Possesses expertise in all recruiting techniques (e.g. sourcing, sales, assessing and onboard disciplines). Possesses thorough knowledge of recruiting policies, directives and guidelines as well as in-depth knowledge of all Navy officer and enlisted programs. Communicates and relates effectively with customers, strategic partners, groups and the community.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades: E4-E9</th>
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<td>Primary Advisor:</td>
<td>Technical Advisor: CNRC</td>
<td>ECM: OPNAV (N13)</td>
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</table>

804A - Antiterrorism Training Supervisor
Provides entry and sustainment level security force training in direct support of counterterrorism 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.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
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<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

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 both AS/SRF-B, A-830-0018 and SRF-A, A-830-0396 courses, combined with one-year completion of OJT as an instructor while assigned to Center for Security Forces and recommendation by the Commanding Officer. Recommend use of JQR/PQS as a means of documenting on-the-job training.

2. Non-Lethal Weapons-Basic Instructor (NLW-BI), A-830-0035, is taught as part of Training Supervisor (TRASUP) curriculum and upon successful completion, or one-year completion of OJT as an instructor of AS/SRF-B shall be qualified as a NLW-BI in addition to TRASUP.
3. 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.
4. Last reviewed during “CSF TRR” completed 5/31/19.
804G - Expeditionary Force - Combat Skills

Obtains necessary individual knowledge, skills and abilities to perform basic/combat first aid, don and wear Individual Combat Equipment (ICE), and Chemical, Biological and Radiological (CBR) gear in order to function safely in a field CBR/Nuclear (CBRN) environment. Learns basic land navigation, basic radio communications procedures and reports, Counter-Improvised Explosive Device (C-IED) recognition and basic convoy fundamentals. Performs small arms range live fire training and ammunition handling safely with minimum risk. Demonstrates proficiency in and qualifies on primary and secondary weapons. Performs basic movement while engaging targets and transitions from primary to secondary weapon. Understands psycho/physiological effects induced during deadly force or life-threatening confrontations and learns methods to effectively minimize their impact on engagement decision making during Judgment-Based Engagement Training (JET), using computer-based and training ammunition exercises in a controlled environment.

Source Rating: All  
Billet Paygrades: E3-E9  
Personnel Paygrades: E1-E9  
Course: Mandatory  
CIN: A-830-0030  
CDP: 03PP  
Sequence Code: 9  
ESTB Date: 2/9/15  
REV Date: 2/9/15  
Component NEC:  
Legacy NEC Code: 90CS  
Primary Advisor: NECC  
Technical Advisor: CSF  
ECM: BUPERS-32

NOTES:
1. The 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 L03A.
   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.

805A - 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  
A-661-0108  
A-661-0109  
A-012-0077  
E-050-0084  
A-661-0110  
K-431-0300  
A-661-0107  
ESTB Date: 10/1/17  
REV Date: 10/1/17  
Component NEC:  
Related NEC:  
Legacy NEC Code: 9502  
Primary Advisor: OPNAV (N12)  
Technical Advisor: NETC  
ECM: OPNAV (N13)

NOTES:
1. The Commanding Officer of the individual's permanent duty station is responsible for recommending NEC 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.
**805G - Expeditionary Force Detainee Operations GITMO**

Personnel will be familiar with detainee camps standard operating procedures; unarmed self-defense; Detainee Information Management System (DIMS); Islamic cultural awareness; forced cell extractions (FCE); escort operations; and restraints application. Personnel will be capable of providing safe, humane care and custody of enemy combatants, collect intelligence for law enforcement and war crimes investigations and execute detainee operations missions in support of Joint Task Force, Guantanamo Bay, Cuba.

Source Rating: All  
Course: OJT  
Sequence Code: 9  
Component NEC:  
Primary Advisor: NECC

**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. Member must complete 6 months OJT to earn this NEC code.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.

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**805R - 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:  
Primary Advisor: CNRC

**NOTE:** Personnel may earn this NEC code by OJT/PQS or course completion.

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**806A - 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: 805A  
Primary Advisor: OPNAV(N98)

**NOTE:** Hospital Corpsmen who possess NEC code L07A do not require component NEC 805A to be awarded this NEC code.

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**806G - 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:  
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.
806R - 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: 7  
Component NEC:  
Primary Advisor: OPNAV (N96)

Billet Paygrades: E6-E8  
CIN: A-501-0011  
ESTB Date: 12/19/17  
Related NEC:  
Technical Advisor: PERS-206

Personnel Paygrades: E5-E8  
CDP: 3192, 477B  
REV Date: 10/16/17  
Legacy NEC Code: 9588

NOTE: NEC code is not awardable to NC personnel.

807A - 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: 805A  
Primary Advisor: NETC

Billet Paygrades: E5-E8  
CIN: E-012-0001  
ESTB Date: 10/1/17  
Related NEC:  
Technical Advisor: CENSEC FOR

Personnel Paygrades: E5-E9  
CDP: 448C, 07Z7  
REV Date: 10/1/17  
Legacy NEC Code: 9505

807G - Expeditionary Force Detainee/Confinement Operations - Deployed
Performs confinement operations in forward deployed locations, other than Guantanamo Bay, Cuba. Upon completion, personnel will be familiar with detainee camps standard operating procedures; unarmed self-defense; Detainee Information Management System (DIMS); Islamic cultural awareness; forced cell extractions (FCE); escort operations; and restraints application. Personnel will be capable of providing safe, humane care and custody of enemy combatants, collect intelligence for law enforcement and war crimes investigations and execute detainee operations missions.

Source Rating: All  
Course: OJT  
Sequence Code: 9  
Component NEC:  
Primary Advisor: NECC

Billet Paygrades: E3-E9  
CIN: See Note 2  
ESTB Date: 10/1/17  
Related NEC:  
Technical Advisor: ECRC

Personnel Paygrades: E1-E9  
CDP:  
REV Date: 10/1/17  
Legacy NEC Code: 90DS

807R - Reserve Career Information Program Advisor
Advises and assists commands in organizing and implementing a career information program for reserve enlisted personnel. Ensures individual and other family members are presented information concerning career opportunities, transition services and benefits, reenlistment incentives, rights and benefits, and advantages of a Navy Reserve career.

Source Rating: All  
Course: Mandatory  
Sequence Code: 7  
Component NEC:  
Primary Advisor: CNRFC (N1)

Billet Paygrades: E5-E8  
CIN: R-501-0005  
ESTB Date: 12/19/17  
Related NEC:  
Technical Advisor: NRPDC

Personnel Paygrades: E5-E8  
CDP: 6963  
REV Date: 10/16/17  
Legacy NEC Code: 9592

808A - Basic Swimming and Water Survival Instructor
Instructs 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  
Course: Mandatory  
Sequence Code: 6  
Component NEC: 805A  
Primary Advisor: NETC

Billet Paygrades: E4-E9  
CIN: A-012-0104  
ESTB Date: 10/16/17  
Related NEC:  
Technical Advisor: NETC

Personnel Paygrades: E4-E9  
CDP: 300F  
REV Date: 10/16/17  
Legacy NEC Code: 9510

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 10/16/17.
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:  
Primary Advisor: ADCNO (N1B)  

Billet Paygrades:  
Personnel Paygrades: E1-E9  
CIN:  
ESTB Date: REV Date: 9/24/18  
Related NEC: 807G, 826A, P08A  
Technical Advisor: Pers-4  
CDP:  
NR Ind: A  
Legacy NEC Code: 90DT  
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.  

809A - 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  
Course: Mandatory  
Sequence Code: 7  
Component NEC:  
Primary Advisor: OPNAV (N17)  

Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
CIN: A-500-0612 (P/L)  
ESTB Date: REV Date: 12/19/17  
Related NEC:  
Technical Advisor: OPNAV (N17)  
CDP:  
NR Ind: R  
Legacy NEC Code: 9515  
ECM: OPNAV (N17)  

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.

809G - 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: Mandatory  
Sequence Code: 9  
Component NEC:  
Primary Advisor: NECC  

Billet Paygrades: E3-E9  
Personnel Paygrades: E1-E9  
CIN:  
ESTB Date: REV Date: 10/1/17  
Related NEC: 804G  
Technical Advisor: ETC  
CDP:  
NR Ind: A  
Legacy NEC Code: 90ET  
ECM: BUPERS-32  

NOTES:  
1. This course requirement will be satisfied by completion of either Embedded Training Team pipeline training or completion of Expeditionary Training Command (4587A) training requirements.

810A - 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  
Course: Mandatory  
Sequence Code: 8  
Component NEC: 826A  
Primary Advisor: OPNAV ((N96)  

Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: A-831-0002  
ESTB Date: REV Date: 12/12/19  
Related NEC:  
Technical Advisor: NAVSEA 05  
CDP:  
NR Ind: R  
Legacy NEC Code: 9516  
ECM: OPNAV (N13)  

NOTES:  
1. Personnel may be assigned this NEC code provided they meet the general selection criteria for assignment to Correctional Custody Unit staff and attend correctional counselor training as directed by CHINAVPERS (PERS-00D).  
2. Additional requirements and criteria for selection for this program are contained in MILPERSMAN 1306-904.  
3. Last reviewed during “NAVMAC Periodicity Review” completed 12/12/19.
810G - Coastal Riverine Force (CRF) Coxswain
Performs basic operation and maintenance of CRF Patrol Craft configured with dual diesel/waterjet configured propulsion systems while assigned to a Coastal Riverine Squadron. Emphasis on Small Boat safety, handling, operation, basic and advanced, (i.e. Common Geospatial Navigation Toolkit (COGENT) electronic charting and NAVNET TZ Touch 2 radar navigation system), communications, tactical employment and other individual and collective skills unique to the CRF operational environments.

Source Rating: All  Billet Paygrades: E3-E9  Personnel Paygrades: E3-E9  
Course: Mandatory  CIN: A-011-2222  CDP: 19HP  
 unset  
Sequence Code: 9  ESTB Date: 3/25/19  REV Date: 3/25/19  NR Ind: A  
Component NEC: 811G  Related NEC: 804G  Legacy NEC Code: 90IE  
Primary Advisor: OPNAV (N95)  Technical Advisor: CRG1, CRG2, NECC  ECM: BUPERS-32

NOTES:
1. Member must meet all requirements contained in MILPERSMAN 1300-803 (or have received an authorized waiver).
2. Submit NAVPERS 1221/6 to PERS-4013 for award.

811A - 3-M System Coordinator
Responsible for the coordination of all facets of maintenance and material management (3-M) systems. Possesses the ability to implement, evaluate and coordinate the unit’s planned maintenance systems (PMS). Responsible for the operation and management of the Maintenance Data Systems (MDS). 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: 7  ESTB Date: 12/27/18  REV Date: 12/27/18  NR Ind: A  
Component NEC:  Related NEC:  Legacy NEC Code: 9517  
Primary Advisor: NAVSEA 05  Technical Advisor: NAVSEA 05  ECM: OPNAV (N13)

NOTES:
1. Personnel awarded this NEC code must complete JQR/PQS 3-M 307 3-M System Coordinator and attend follow-on training.
2. Some rates may be denied access to attend based on previous experience in maintenance, lack of qualifications and performance.
3. Last reviewed during “3-M TRR” completed 12/27/18.

811G - Coastal Riverine Force (CRF) Operator
Performs unit organization, operational fundamentals and small-unit leadership skills to conduct maritime security operations in CRF operational environments. Performs maintenance, safe and effective employment of crew served weapons within the expeditionary environment.

Source Rating: All  Billet Paygrades: E3-E9  Personnel Paygrades: E3-E9  
Course: Mandatory  CIN: A-011-0002  CDP: 18LE  
unset  
Sequence Code: 9  ESTB Date: 3/25/19  REV Date: 3/25/19  NR Ind: A  
Component NEC: 804G  Related NEC:  Legacy NEC Code: 90IF  
Primary Advisor: NECC  Technical Advisor: CRG1, CRG2, NECC  ECM: BUPERS-32

NOTES:
1. Member must meet all requirements contained in MILPERSMAN 1300-803 (or have received an authorized waiver).
2. Submit NAVPERS 1221/6 to PERS-4013 for award.
812A - 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  
Course: OJT  
Sequence Code: 9  
Component NEC: 805A  
Primary Advisor: ADCNO (N1B)  

Billet Paygrades: E5-E9  
Personnel Paygrades: E5-E9  
CIN: A-232-5072  
ESTB Date: REV Date: 10/1/17  
Related NEC: Related NEC:  
Technical Advisor: NETWARCOM (N17)  
ECM: BUPERS-32

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 805A; 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 Checks (NACLC) completed within 6 months of accepting instructor duty orders. Individual must have a 3-year obelisive requirement to be awarded this NEC code.
2. Individual must successfully complete NITC (CIN: A-012-0077) and/or be awarded component NEC code 805A. 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.

812G - 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: 805A  
Primary Advisor: ADCNO (N1B)  

Billet Paygrades: E5-E9  
Personnel Paygrades: E1-E9  
CIN:  
ESTB Date: REV Date: 10/1/17  
Related NEC: Related NEC:  
Technical Advisor: Pers-4  
ECM: Pers-40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

813A - 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  
Course: Mandatory  
Sequence Code: 7  
Component NEC: 805A  
Primary Advisor: ADCNO (N1B)  

Billet Paygrades: E5-E9  
Personnel Paygrades: E4-E9  
CIN:  
ESTB Date: REV Date: 12/19/17  
Related NEC: Related NEC:  
Technical Advisor: NETWARCOM (N17)  
ECM: BUPERS-32

NOTES:
1. Currently only Russian linguists serving, or have served at OSIA are eligible. NEC may be awarded by BUPERS upon achieving advanced level qualifications (Level 3) in listening and speaking on the Defense Language Proficiency Test (DLPT) and upon successful completion of six months translator duty. Continued NEC qualification requires annual recertification by means of the DLPT. Personnel no longer serving at OSIA must achieve advance qualifications (Level 3) in listening and in one functional area (i.e., reading or speaking) to retain the NEC.
2. Currently only course offered is in Russian (71RU-OSIA Special) in Defense Language Institute Foreign Language Center Catalog.

813G - 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: 805A  
Primary Advisor: ADCNO (N1B)  

Billet Paygrades: E5-E9  
Personnel Paygrades: E1-E9  
CIN:  
ESTB Date: REV Date: 10/1/17  
Related NEC: Related NEC:  
Technical Advisor: Pers-4  
ECM: Pers-40

NOTE: This course will be a combination of formal U.S. Army training and OJT.
814A - 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
Course: Mandatory
Sequence Code: 7
Component NEC: Related NEC:
Primary Advisor: OPNAV (N4)
Billet Paygrades: E5-E9
CIN: A-041-0040
ESTB Date: 12/19/17
Technical Advisor: NAVSUP
Personnel Paygrades: E5-E9
CDP: 8175, 9098, 03PK, 05K1
NR Ind: A
Legacy NEC Code: 9525
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.

814G - 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: Related NEC:
Primary Advisor: OPNAV (N95)
Billet Paygrades: E3-E9
CIN: ESTB Date: 10/1/17
ESTB Date: REV Date: 10/1/17
Technical Advisor: JSOC USN/HRE
Personnel Paygrades: E3-E9
CDP: NR Ind: A
Legacy NEC Code: 90JS
ECM: Pers 40

NOTES:
1. NEC will be awarded retroactively to the start of CY07.
2. NEC is awarded based on completion of organic unit training prior to deployment to support a Joint Special Operations Task Force, to identify personnel who have received unique Joint Special Operations experience.

815A - 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
Course: Mandatory
Sequence Code: 8
Component NEC: Related NEC:
Primary Advisor: USFF N1SF
Billet Paygrades: E3-E6
CIN: ESTB Date: 12/19/17
ESTB Date: REV Date: 10/1/17
Technical Advisor: NECC
Personnel Paygrades: E1-E9
CDP: NR Ind: N
Legacy NEC Code: 9545
ECM: PERS 4011D14

NOTE: NEC code maintained for inventory purposes only-no longer awardable.

815G - 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: Related NEC: 824A
Primary Advisor: NECC
Billet Paygrades: E3-E9
CIN: See Note 2
ESTB Date: REV Date: 10/1/17
ESTB Date: REV Date: 10/1/17
Technical Advisor: NAVELSG TEU
Personnel Paygrades: E1-E9
CDP: NR Ind: A
Legacy NEC Code: 90LG
ECM: BUPERS-32

NOTES:
1. Expeditionary Combat Skills (CIN: A-830-0030) or Basic Cargo Handling (CIN: G-060-2010) or Basic Air Cargo Handling (CIN: G-060-2030) or Advanced Cargo Handling (CIN: G-060-2020) or Advanced Air Cargo Handling (CIN: G-060-2102) or Cargo Supervisor (CIN: G-060-2040) or pre-deployment training by Expeditionary Logistics Support Group.
2. A forward deployment with a NMCB, Logistic Support Unit or Expeditionary Support Unit will be considered OJT for NEC.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.
816A - 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.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E4-E9</th>
</tr>
</thead>
<tbody>
<tr>
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<td>ESTB Date:</td>
<td>REV Date: 12/19/17</td>
</tr>
<tr>
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<td>Related NEC:</td>
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</tr>
<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>NAVELSG TEU</td>
</tr>
</tbody>
</table>

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.

816G - 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.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
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</tr>
<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>NAVELSG TEU</td>
</tr>
</tbody>
</table>

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-060-2040) or Cargo Supervision (CIN G-060-2001) or Pre-deployment training by Expeditionary Logistics Support Group.
2. NEC code is removed when member becomes eligible for 815G
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.

817A - 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 firefighting 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.

<table>
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<tr>
<td>Primary Advisor:</td>
<td>Technical Advisor:</td>
<td>NAVAIR, NAVSEA 05, NAVFACENG</td>
</tr>
</tbody>
</table>

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.

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817G - 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: Related NEC:
Primary Advisor: ADCNO (N1B)

Billet Paygrades: Personnel Paygrades: E1-E9
CIN: CDP:
ESTB Date: REV Date: 10/1/17 NR Ind: A
Related NEC: Legacy NEC Code: 90MN
Technical Advisor: Pers-4 ECM: Pers 4G

NOTE: This course will be a combination of formal U.S. Army training and OJT.

818A - 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
Course: Mandatory
Sequence Code: 7
Component NEC: Related NEC:
Primary Advisor: OPNAV (N2/N6)

Billet Paygrades: Personnel Paygrades: E4-E9
CIN: CDP: 03CT
ESTB Date: REV Date: 12/19/17 NR Ind: A
Related NEC: Legacy NEC Code: 9560
Technical Advisor: SPAWAR ECM: BUPERS-32
Personnel Paygrades: E3-9

818G - 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: Related NEC:
Primary Advisor: NECC

Billet Paygrades: Personnel Paygrades: E1-E9
CIN: CDP:
ESTB Date: REV Date: 10/1/17 NR Ind: A
Related NEC: Legacy NEC Code: 90MP
Technical Advisor: ECRC ECM: Pers 4G
Personnel Paygrades: E3-E9

NOTE: 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.

819A - 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
Course: OJT
Sequence Code: 7
Component NEC: Related NEC:
Primary Advisor: OPNAV (N97)

Billet Paygrades: Personnel Paygrades: E6-E9
CIN: CDP:
ESTB Date: REV Date: 12/19/17 NR Ind: R
Related NEC: Legacy NEC Code: 9562
Technical Advisor: NAVSEA 05 ECM: OPNAV (N13)

Personnel Paygrades: E3-E9

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.
819G - 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. MTTs 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: 809G
Primary Advisor: NECC

Billet Paygrades: CIN:
ESTB Date: REV Date: 10/1/17
Related NEC: 809G
Technical Advisor: ECRC
Personnel Paygrades: E1-E9
CDP:
NR Ind: A
Legacy NEC Code: 90MT
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.

820A - 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
Course: Mandatory
Sequence Code: 7
Component NEC: OPNAV (N120)
Primary Advisor: OPNAV (N120)

Billet Paygrades: CIN: A-557-0003 or B-557-3100
ESTB Date: REV Date: 9/24/18
Related NEC:
Technical Advisor: NAVSEA, NAVAIR
Personnel Paygrades: E4-E9
CDP: 05A5, 08D8 or 08S8
NR Ind: A
Legacy NEC Code: 9564
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 prerequisite requirements:

(a). 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 NAVPERS 1221/6 along with a copy of Green Belt Certificate to PERS-4013.

(b). 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 code 820A with CO’s endorsement.

820G - 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.

Source Rating: All
Course: OJT
Sequence Code: 9
Component NEC: 821G
Primary Advisor: ADCNO (N1B)

Billet Paygrades: CIN:
ESTB Date: REV Date: 9/24/18
Related NEC: 821G
Technical Advisor: PERS-4
Personnel Paygrades: E1-E9
CDP:
NR Ind: A
Legacy NEC Code: 90N1
ECM: Pers 40

NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Sailors must have done a “boots on the ground” tour to earn this NEC code. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.
821A - Naval Control of Shipping Staff Assistant
Performs duties related to naval control of shipping functions on the staff of convoy commodores and operational control authorities and at individual activities of the Naval Control of Shipping Organization (NCSORG).

Source Rating: All Course: Billet Paygrades: E4-E9 Personnel Paygrades: E4-E9
Sequence Code: 7 ESTB Date: REV Date: 10/1/17 CIN: CDP: ESTB Date: REV Date: 9/24/18
Component NEC: Related NEC: 820G Technical Advisor: PERS-4
Primary Advisor: CMSC Technical Advisor: NAVSEA 05
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. 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.
3. Personnel must have participated in a Naval Control of Shipping (NSC) exercise while on Annual Training (AT).

821G - 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 Billet Paygrades: Personnel Paygrades: E1-E9
Sequence Code: 9 ESTB Date: REV Date: 9/24/18 CIN: CDP: NR Ind: A
Component NEC: Related NEC: 820G Legacy NEC Code: 90NJ
Primary Advisor: ADCNO (N1B) Technical Advisor: PERS-4 ECM: Pers 40
NOTES:
1. This course will be a combination of formal U.S. Army training and OJT.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

822A - Joint Terminal Attack Controller (JTAC)
A qualified (certified) service member who, from a forward position, directs the action of combat aircraft engaged in Close Air Support (CAS) and other offensive air operations. A qualified and current JTAC will be recognized across DoD as capable and authorized to perform terminal attack control. CAS is an element of joint fire support. Synchronizing CAS in time, space, and purpose with supported maneuver forces increases the effectiveness of the joint force. CAS is air action by fixed and rotary-wing aircraft against hostile targets that are in close proximity to friendly forces and that require detailed integration of each air mission with fire and movement of those forces. CAS assist land, maritime, amphibious, and Special Operations Forces (SOF) to move, maneuver, and control territory, populations, and key waters. The support commander establishes the priority, timing, and effects of CAS fires within the boundaries of the land, maritime, SOF, or amphibious force’s area of operations. SOF may also need CAS and other joint fire, support at locations well beyond land, maritime, and amphibious operations force commanders’ areas of operations.

Source Rating: All Course: Mandatory Billet Paygrades: E4-E9 Personnel Paygrades: E4-E9
Sequence Code: 7 ESTB Date: REV Date: 12/19/17 CIN: CDP: 779G
Component NEC: Related NEC: 481Z Legacy NEC Code: 9568
Primary Advisor: OPNAV (N96) Technical Advisor: SPECWAR, NAVSEA 05 ECM: BUPERS-32
NOTES:
1. The following organizations/training processes are authorized to conduct JTAC certification training; Expeditionary Warfare Training Group Tactical Air Control Party Course; United States Air Force Air Ground Operations School Terminal Attack Controller Course; 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.
822G - 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:  
Primary Advisor: ADCNO (N1B)  
Billet Paygrades:  
Personnel Paygrades: E1-E9  
CIN:  
ESTB Date:  
REV Date: 10/1/17  
Related NEC:  
Technical Advisor: PERS-4  
CDP:  
NR Ind: A  
Legacy NEC Code: 90SI  
ECM: PERS-40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

823A - Joint Terminal Attack Controller Instructor (JTAC-I)
Qualified and current JTAC who has at least one-year of operational J TAC experience and who is assigned in an instructor capacity at an approved JTAC schoolhouse, Group, SEAL Team, Boat Team or Joint JTAC Program billet. During initial certification, when instructing student JTAC’s or other non-qualified individuals in terminal attack control, the instructor will physically locate with the individual and be able to take control, if necessary. Any non-qualified personnel performing Close Air Support (CAS) familiarization must be under supervision of and physically co-located with a qualified JTAC-I.

Source Rating: All  
Course: CIN:  
Sequence Code: 7  
Component NEC: 822A  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E6-E9  
Personnel Paygrades: E6-E9  
ESTB Date: 7/28/08  
REV Date: 12/19/17  
Related NEC:  
Technical Advisor: SPECWAR, NAVSEA 05  
CDP:  
NR Ind: R  
Legacy NEC Code: 9569  
ECM: BUPERS-32

NOTES:
1. JTAC instructor-qualified personnel must instruct JTAC trainees. JTAC Instructors require one year of operational experience as a qualified JTAC (or one year as an 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.

823G - 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:  
Primary Advisor: ADCNO (N1B)  
Billet Paygrades:  
Personnel Paygrades: E1-E9  
CIN:  
ESTB Date:  
REV Date: 9/24/18  
Related NEC:  
Technical Advisor: PERS-4  
CDP:  
NR Ind: A  
Legacy NEC Code: 90SP  
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 9/24/18.

824A - 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  
Course: Mandatory  
Sequence Code: 7  
Component NEC:  
Primary Advisor: OPNAV (N96)  
Billet Paygrades: E5-E8  
Personnel Paygrades: E4-E9  
CIN: G-060-2010  
ESTB Date:  
REV Date: 12/19/17  
G-060-2020  
Related NEC:  
Technical Advisor: NAVELSG, NAWSUP, NAVFACENG  
CDP: 04X4  
NR Ind: A  
Legacy NEC Code: 9570  
ECM: OPNAV (N13)  
04X7

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).
**824G - Individual Augmentation (IA) Support Assignment - Shadow Unmanned Aircraft System (UAS) Electronics Maintenance Specialist**

Completion of training and experience as a Shadow Unmanned Aircraft System (UAS) Electronic 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.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
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<th>Personnel Paygrades: E1-E9</th>
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**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.

**825A - 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.

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<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades: E5-E9</th>
<th>Personnel Paygrades: E5-E9</th>
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<td>Primary Advisor:  OPNAV (N09F)</td>
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</table>

**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.

**825G - 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).

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<th>Source Rating: All</th>
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<th>Personnel Paygrades: E1-E9</th>
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<td>Component NEC:</td>
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<tr>
<td>Primary Advisor:  NECC</td>
<td>Technical Advisor: CRG1/CRG2</td>
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**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.

826A - 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/awardees/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 awardees 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  
Course: Mandatory  
Sequence Code: 7  
Component NEC:  
Primary Advisor: PERS-84

Billet Paygrades: E4-E9  
Personnel Paygrades: E4-E9  
CIN: A-831-0001  
ESTB Date: REV Date: 12/19/17  
Related NEC:  
Technical Advisor: PERS-84  
Legacy NEC Code: 9575  
NR Ind: R  
CDP: 572B

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 P08A.

826G - 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:  
Primary Advisor: NECC

Billet Paygrades: E3-E9  
Personnel Paygrades: E1-E9  
CIN:  
ESTB Date: REV Date: 9/24/18  
Related NEC: 804G, 825G  
Technical Advisor: CRG1/CRG2  
Legacy NEC Code: 90UV  
NR Ind: A  
CDP: 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. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

827A - Rubber and Plastics Worker
Fabrikates 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: Mandatory  
Sequence Code: 7  
Component NEC:  
Primary Advisor: OPNAV (N43)

Billet Paygrades: E4-E8  
Personnel Paygrades: E3-E9  
CIN:  
ESTB Date: REV Date: 12/19/17  
Related NEC:  
Technical Advisor: NAVSEA 05  
Legacy NEC Code: 9581  
NR Ind: R  
CDP: E1

NOTES:
1. Member must complete one year of experience at an IMA rubber and plastics shop and receive Commanding Officer’s recommendation.
2. Complete the appropriate SQIP course and proficiency examination.

827G - Coastal Riverine Force (CRF) Tactical Operations Support
Performs as CRF Tactical Operations Center Specialist (TOCS). Emphasis on Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR). Employs CRF tactical communication equipment, Defense Advanced Global Positioning Systems (GPS) Receiver (DAGR) to conduct maritime security at the journeyman level while assigned in Tactical Operation Centers (TOC) in CRF operational environments.

Source Rating: All  
Course: Mandatory  
Sequence Code: 9  
Component NEC: 804G  
Primary Advisor: OPNAV (N95)

Billet Paygrades: E3-E8  
Personnel Paygrades: E3-E8  
CIN: A-011-0002  
ESTB Date: 3/25/19  
A-011-2219  
REV Date: NR Ind: A  
A-011-2221  
18X5  
A-011-2221  
18X7

NOTES: Member must meet all requirements contained in MILPERSMAN 1300-803 (or have received an authorized waiver).
828A - 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 (RIEs); 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
Course Code: 7
Component NEC: 820A
Primary Advisor: OPNAV (N120)

Billet Paygrades:
CIN: A-557-0009
or
B-557-3005

Personnel Paygrades: E4-E9
CDP: 07HE
or
09M5

ESTB Date: 3/8/13
REV Date: 9/24/18
NR Ind: A
Legacy NEC Code: 9582
ECM: BUPERS-32

NOTES:
1. The DON approved JQR standards have been met:
   a. Lead two full DMAIC projects and one KAIZEN/Rapid Improvement Event (RIE).
   b. Mentor two Green Belts through: One full DMAIC project each, or two RIEs/KAIZENs each.
   c. Submission of a NAVPERS 1221/6 along with a copy of Black Belt certificate to PERS-4013.
2. Individuals who have received training outside of the DoN courses must submit their curriculum/tests for evaluation by the local command’s certified Black Belt/Master Black Belt (NMSC CPI/LSS PMO for Navy Medicine) for equivalency to cover the DoN requirement of 160 hours core Body of Knowledge (BOK) for Black Belts to include comprehensive training completion test, lead completion of two LSS full DMAIC projects and one RIE, and mentor two Green Belts through one full DMAIC project each or two RIEs/KAIZENs each. Any identified gap in training requirements must be met prior to endorsement for certification.

829A - 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
Course Code: 7
Component NEC: 820A
Primary Advisor: OPNAV (N43)

Billet Paygrades:
CIN: E4-E6

Personnel Paygrades: E3-E9
CDP: 

ESTB Date: 3/8/13
REV Date: 12/19/17
NR Ind: R
Legacy NEC Code: 9583
ECM: NAVSEA 05

NOTE: Seabee personnel assigned to the Naval Support Unit, State Department attend a two-week formal training course, Safe and Lock Maintenance course, given by the Diplomatic Security Service, Diplomatic Security Physical Security Laboratory, Newington, VA.

830A - 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
Course: Mandatory
Course Code: 7
Component NEC: 820A
Primary Advisor: OPNAV (N45)

Billet Paygrades:
CIN: A-322-2600

Personnel Paygrades: E5-E9
CDP: 05BK, 05C2, 05HV, 05LZ, 06WL, 07AV, 07AW, 07AX, 07B1, 07B4, 09PZ, 09YK, 10CX, 438D, 592X 438D
A-322-2604
10ZZ

ESTB Date: 5/8/19
REV Date: 5/8/19
NR Ind: A
Legacy NEC Code: 9595
ECM: NAVSUP (04)

NOTE: Last reviewed during “NSETC TRR” completed 5/8/19.
831A - 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: 3
Component NEC: NWC (N0)
Primary Advisor: NWC (N0)

Billet Paygrades: E7-E9
CIN: H-2G-1001
ESTB Date: 8/9/11
REV Date: 12/19/17
Related NEC: NWC (70)
Technical Advisor: NWC (70)
Personnel Paygrades: E7-E9
CDP: 04RF
NR Ind: A
Legacy NEC Code: 9596
ECM: BUPERS-32

NOTE: Secret security clearance required.

832A - 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: 7
Component NEC: OPNAV (N97)
Primary Advisor: OPNAV (N97)

Billet Paygrades: E4-E7
CIN: A-670-0020
ESTB Date: 12/19/17
REV Date: 12/19/17
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05
Personnel Paygrades: E3-E9
CDP: 03W3
NR Ind: R
Legacy NEC Code: 9597
ECM: OPNAV (N13)

833A - 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: 7
Component NEC: OPNAV (N96)/(N97)/(N98)
Primary Advisor: OPNAV (N96)/(N97)/(N98)

Billet Paygrades: E5-E8
CIN: A-494-0006
ESTB Date: 12/19/17
REV Date: 12/19/17
Related NEC: NAVFACENG
Technical Advisor: NAVFACENG
Personnel Paygrades: E5-E8
CDP: 07RM, 07RN
NR Ind: R
Legacy NEC Code: 9598
ECM: OPNAV (N13)

NOTE: No new assignment of this NEC to E3-E4 personnel. E3-E4 personnel who currently hold this NEC code may retain it.

834A - 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: OJT, JQR
Sequence Code: 7
Component NEC: OPNAV (N96)
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E7
CIN: V-652-4540 (P/L)
ESTB Date: 5/9/16
REV Date: 12/19/17
Related NEC: NAVSEA 05
Technical Advisor: NAVSEA 05
Personnel Paygrades: E3-E8
NR Ind: A
Legacy NEC Code: 95AB
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 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.

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**835A - 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:** OJT, JQR
- **Billet Paygrades:** E3-E7
- **Personnel Paygrades:** E3-E8
- **CIN:** V-495-4812 (P/L)
- **Sequence Code:** 7
- **Component NEC:**
- **Primary Advisor:** OPNAV (N96)
- **ESTB Date:** 8/3/16
- **REV Date:** 12/19/17
- **Related NEC:**
- **Related NEC:**
- **Technical Advisor:** NAVSEA 05
- **CIN:** V-495-4812 (P/L)
- **NR Ind:** A

**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 JQR located at [https://navsea.portal.navy.mil/field/cnrmc/namts](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.

**836A - 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.

- **Source Rating:** All
- **Course:**
- **Sequence Code:** 7
- **Component NEC:** 823A
- **Primary Advisor:** OPNAV (N98)
- **Billet Paygrades:** E6-E9
- **Personnel Paygrades:** E6-E9
- **CIN:**
- **ESTB Date:** 2/16/17
- **REV Date:** 12/19/17
- **Related NEC:**
- **Technical Advisor:** SPECWAR, NAVSEA 05
- **NR Ind:** R
- **Legacy NEC Code:** 95AE
- **ECM:** BUPERS-32

**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.

**837A - 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:**
- **Personnel Paygrades:** E4-E9
- **CIN:**
- **ESTB Date:**
- **REV Date:** 7/1/18
- **NR Ind:** A
- **Related NEC:**
- **Technical Advisor:** SPECWAR
- **Legacy NEC Code:** 5307
- **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 code 837A.
3. A SECRET security clearance is required.
4. Submit NAVPERS 1221/6 to PERS-4013 via ECM (BUPERS-32).
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: 854A, 837A  
Primary Advisor: OPNAV (N2/N6)  

Billet Paygrades: E4-E8  
Personnel Paygrades: E4-E9  
CIN:  
ESTB Date: 8/15/16  REV Date: 7/1/18  
NR Ind: A  
Legacy NEC Code: 5308  
ECM: BUPERS-32

NOTES:
1. Expeditionary Combat Skills or (NSW equivalent) and Survival, Evasion, Resistance, and Escape courses are required. If already awarded 854A or 837A 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.

839A - 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: All  
Course: Mandatory  
Sequence Code: 4  
Component NEC:  
Primary Advisor: OPNAV (N97)  

Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN:  
ESTB Date: 10/96  REV Date: 7/1/18  
NR Ind: R  
Legacy NEC Code: 5344  
ECM: BUPERS-32

NOTE: Source Ratings are in accordance with MILPERSMAN 1220-100.

840A - Scuba Diver
Performs duties using SCUBA. Conducts day and night general underwater search, detailed ship-bottom search and routine inspection using underwater compass, depth indicators, and associated underwater equipment. Performs adjustments and field shop maintenance on SCUBA and underwater accessories. Knows the laws of diving and physics and is able to recognize all types of decompression sickness and diving accidents.

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

Billet Paygrades: E3-E9  
Personnel Paygrades: E3-E9  
CIN:  
ESTB Date: 1/70  REV Date: 7/1/18  
NR Ind: R  
Legacy NEC Code: 5345  
ECM: BUPERS-32

NOTE: Source Ratings are in accordance with MILPERSMAN 1220-100.

841A - Reserve Pay and Personnel Management (RPPM) Clerk
Manages Navy Reserve Activity (NRA) pay and personnel systems, in accordance with Navy Reserve policy for assigned Selected Reserve (SELRES) Sailors to include reserve pay, electronic service record, benefits, enlistment programs, gains, losses, contract administration, manpower, mobilizations, command assessments and audits.

Source Rating: All  
Course: Mandatory  
Sequence Code: 7  
Component NEC:  
Primary Advisor: OPNAV (N0951)  

Billet Paygrades: E3-E7  
Personnel Paygrades: E3-E7  
CIN:  
ESTB Date: 12/23/19  REV Date:  
NR Ind: N  
Legacy NEC Code:  
ECM: BUPERS-35
### 843A - Navy Debriefing

Conduct maritime debriefing and related activities through the use of effective techniques and procedures. Debriefing activities performed in accordance with DoD and Navy policy and guidance in support of national security, maritime domain awareness, and U.S. Navy interest as directed. Certified to conduct Foreign Military Intelligence Collections Activities and its related activities within Military Source Operations Category III.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E4-E9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: K-244-2304</td>
<td>ESTB Date: 11/9/17</td>
<td>REV Date: NR Ind: A</td>
</tr>
<tr>
<td>Component NEC: K13A</td>
<td>Related NEC: K13A</td>
<td>Legacy NEC Code:</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N2N6I2X)</td>
<td>Technical Advisor: NAVIFOR (N13)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTE:** Secret security clearance required.

### 844A - Defense Strategic Debriefing (DSD)

Conducts strategic debriefing activities through the use of effective debriefing techniques and procedures. Debriefing activities performed in accordance with DoD and Navy policy and guidance in support of national security interest as directed. Certified to conduct Military Source Operations Category III and some Category II Human Intelligence related activities.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
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<th>Personnel Paygrades: E4-E9</th>
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<td>Related NEC: K13A</td>
<td>Legacy NEC Code:</td>
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<tr>
<td>Primary Advisor: OPNAV (N2N6I2X)</td>
<td>Technical Advisor: NAVIFOR (N13)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code is awarded upon completion of DSD course at the HUMINT Training - Joint Center of Excellence, Fort Huachuca, Arizona. Member must submit Commanding Officer’s recommendation and course completion certificate utilizing NAVPERS Form 1221/6 to NAVIFOR (N13) to be awarded this NEC code.

### 845A - Defense Interrogator

Conduct approved interrogation activities per national, DoD or operational theater policy and guidance in support of national security interest as directed. Certified to conduct Military Source Operator (MSO) Category III but are not certified or authorized to conduct HUMINT source operations related activities.

<table>
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<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E4-E9</th>
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<td>Related NEC: K13A</td>
<td>Legacy NEC Code:</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N2N6I2X)</td>
<td>Technical Advisor: NAVIFOR (N13)</td>
<td>ECM: BUPERS-32</td>
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</tbody>
</table>

**NOTES:**
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code is awarded upon completion of Joint Interrogation Certification (JIC) course at the HUMINT Training - Joint Center of Excellence, Fort Huachuca, AZ. Member must submit Commanding Officer’s recommendation and course completion certificate utilizing NAVPERS Form 1221/6 to NAVIFOR (N13) to be awarded this NEC code.

### 846A - Military Source Operations (MSO) Specialist

Conduct MSO HUMINT related activities through the use of effective HUMINT techniques and procedures. Activities will be carried out per national and DoD policy and guidance in support of national security interest as directed. Certified to conduct up to MSO Category II HUMINT related activities.

<table>
<thead>
<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades:</th>
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<td>Related NEC: K13A</td>
<td>Legacy NEC Code:</td>
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<td>Primary Advisor: OPNAV(N2N6I2X)</td>
<td>Technical Advisor: NAVIFOR (N13)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code is awarded upon completion of Source Operations (SO) course or equivalent at the HUMINT Training - Joint Center of Excellence, Fort Huachuca, AZ. Member must submit Commanding Officer’s recommendation and course completion certificate utilizing NAVPERS Form 1221/6 to NAVIFOR (N13) to be awarded this NEC code.
847A - Advanced Military Source Operations (MSO) Specialist
Conduct controlled MSO HUMINT related activities through the use of effective advanced HUMINT techniques and methodologies. Manage, supervise, and oversee any and all associated HUMINT activities of subordinate elements. All activities are to be carried out per national and DoD policy and guidance in support of national security interest as directed. Certified to conduct MSO Categories I and III in multiple environments.

<table>
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<tr>
<th>Source Rating: All</th>
<th>Billet Paygrades:</th>
<th>Personnel Paygrades: E6-E9</th>
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</thead>
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<tr>
<td>Course:</td>
<td>CIN:</td>
<td>CDP:</td>
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<tr>
<td>Sequence Code: 8</td>
<td>ESTB Date: 11/9/17</td>
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<td>Component NEC:</td>
<td>Related NEC:</td>
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</tr>
<tr>
<td>Primary Advisor: OPNAV (N2N6I2X)</td>
<td>Technical Advisor: NAVIFOR (N13)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code is awarded upon completion of Defense Advanced Tradecraft (DAT) course or equivalent course at the HUMINT Training – Joint Center of Excellence, Fort Huachuca, AZ. Member must submit Commanding Officer’s recommendation and course completion certificate utilizing NAVPERS Form 1221/6 to NAVIFOR (N13) to be awarded this NEC code.

848A - CI/HUMINT Cyber Specialist
Conduct CI/HUMINT collection, mission, and functions through effective techniques and procedures in a cyber-environment. Activities will be conducted in support of national security, DoD, and DoN interest as authorized and/or directed by a cognizant and jurisdictional DoD authority. All CI/HUMINT cyber related activities are to be conducted per national and DoD and Navy policy guidance.

<table>
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<td>Primary Advisor: OPNAV (N2N6I2X)</td>
<td>Technical Advisor: NAVIFOR (N13)</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code is award upon completion of DoD CI Source Operations in a cyber-environment seminar or equivalent course at the Joint CI Training Activity, Quantico, VA. Member must submit Commanding Officer’s recommendation and course completion certificate utilizing NAVPERS Form 1221/6 to NAVIFOR (N13) to be awarded this NEC code.

849A - Operational Support Specialist
Provide general operational and administrative support to CI/HUMINT efforts and activities in support of national security, DoD, and DoN interest. Activities are to be carried out per national and DoD policy and guidance as authorized and/or directed by a cognizant and jurisdictional DoD authority.

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<td>Technical Advisor: NAVIFOR (N13)</td>
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NOTE:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code is awarded upon successful completion of Joint Operations Support Advance Technician Course or equivalent course at the Joint CI Training Activity, Quantico, VA and successful completion of a CI and/or HUMINT deployment or operational tour of no less than 6 months.
3. Must be certified to conduct CI and/or Military Source Operations (MSO) Category II HUMINT and its related activities. Member must submit proof of prerequisite completion to Commanding Officer’s recommendation and course completion certificate utilizing NAVPERS Form 1221/6 to NAVIFOR to be awarded this NEC code.
Provide management and oversight of operational and administrative support to CI/HUMINT efforts and activities in support of national security, DoD, and DoN interest. Activities are to be carried out in accordance with national and DoD policy and guidance as authorized and/or directed by a cognizant and jurisdictional DoD authority.

Source Rating: All
Course: 8
Sequence Code: 8
Component NEC: 849A
Primary Advisor: OPNAV(N2N6I2X)
Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
CIN: ESTB Date: 11/9/17 REV Date: 12/4/17
Related NEC: Technical Advisor: NAIFOR (N13)
Legacy NEC Code: ECM: BUPERS-32
NR Ind: A
NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code award upon completion of DoD CI Agent Course at Joint CI Training Activity, Quantico, VA or US Army CI Special Agent Course at the HUMINT Training - Joint Center of Excellence, Fort Huachuca, AZ. Member must submit Commanding Officer’s recommendation and course completion certificate utilizing NAVPERS Form 1221/6 to NAVIFOR (N13) to be awarded this NEC code.

Conduct active and passive CI collections, missions, and functions in support of national security, DoD, and DoN interest as authorized and/or directed by a cognizant and jurisdictional DoD authority. CI related activities are to be conducted in accordance with national, DoD and Navy policy and guidance. Considered credentialed DoD CI Agent.

Source Rating: All
Course: 8
Sequence Code: 8
Component NEC: K13A or 851A
Primary Advisor: OPNAV(N2N6I2X)
Billet Paygrades: E6-E9
Personnel Paygrades: E6-E9
CIN: ESTB Date: 11/9/17 REV Date: 12/4/17
Related NEC: Technical Advisor: COMNAVIFOR (N13)
Legacy NEC Code: ECM: BUPERS-32
NR Ind: A
NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code award upon completion of DoD Advanced CI Collections Course or equivalent course at the Joint CI Training Activity, Quantico, VA. Member must submit Commanding Officer’s recommendation and course completion certificate utilizing NAVPERS Form 1221/6 to NAVIFOR (N13) to be awarded this NEC code.
3. Component NEC K13A is specific to the IS Source Rating, all other Source Ratings must hold Component NEC 851A.

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: All
Course: Mandatory
Sequence Code: 9
Component NEC: 
Primary Advisor: USFF
Billet Paygrades: E3-E9
Personnel Paygrades: E3-E9
CIN: CDP: ESTB Date: 7/18/11 REV Date: 7/1/2018
Related NEC: Technical Advisor: CSF
Legacy NEC Code: ECM: BUPERS-32
NR Ind: A
NOTES:
1. Personnel must have normal vision and be a qualified second class swimmer.
2. Prior to earning NEC code member must have completed all required OJT and prerequisites for CIN: A-062-0050.
854A - 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  
Course: JQR, PQS  
Sequence Code: 4  
Component NEC: Naval Special Warfare (Combat Service Support)  
Primary Advisor: OPNAV (N95)

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 code 854A.
3. A SECRET security clearance is required.
4. Submit NAVPERS 1221/6 to PERS-4013 via ECM (BUPERS-32).

855A - 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: Naval Special Warfare (Combat Service Support)  
Primary Advisor: OPNAV (N96)

NOTES:
1. Only personnel who previously earned either L27A, M01A, M02A, M03A, M04A, M05A, M06A, MMDV, M1DV, M2DV, 839A or 840A NEC codes are eligible for this NEC code.
2. Last reviewed during “NAVMAC Periodicity Review” completed 1/10/20.

856A - First Term Forward Deployed Naval Forces (FDNF) Sea Tour
Track first term personnel who are deployed to Forward Deployed Naval Forces (FDNF) for 48 months.

Source Rating: All  
Course:  
Sequence Code: 9  
Component NEC:  
Primary Advisor: PERS 40B

NOTE: Restricted to first term sailors.

857A - Theater Special Operations Command (TSOC) Staff
Performs staff duties beginning with strategic guidance, resourcing, and an introduction to United States Special Operations Command (USSOCOM)/TSOC interactions. Examines Irregular Warfare (IW), command and control, and each directorate’s capabilities and concerns; explore how to work across joint, interagency, and international communities. Creates plans and campaign designs during senior mentor-led exercises.

Source Rating: All  
Course:  
Sequence Code: 4  
Component NEC:  
Primary Advisor: USSOCOM J8

NOTES:
2. Personnel must complete TSOC prerequisites training SOC 3610 at the Joint Special Operations University, USSOCOM, Tampa, FL to be awarded this NEC code.
3. Course is required for personnel identified for TSOC assignment and intended to fill a TSOC billet identified by the USSOCOM J7 as requiring the TSOC Staff enroute.
858A - Assistant Operational Support Officer (OSO)
Assists the OSO in forming the principle Navy Reserve advisory team to the commanding officer of the supported command and serves as the primary representative for Selected Reserve (SELRES) Sailors assigned to the command. Responsible for all matters involving the establishment, equipping, manning, funding, training and mobilization of supporting Reserve units and assigned SELRES Sailors.

Source Rating: All
Course: Mandatory
Sequence Code: 7
Component NEC: 
Primary Advisor: OPNAV (N0951)

Billet Paygrades: E5-E9
CIN: R-7A-0020
ESTB Date: 9/9/19
Related NEC: 
Technical Advisor: COMNAVRESFORCOM (N31)

Personel Paygrades: E5-E9
CDP: 4770
REV Date: 
Legacy NEC Code:

NOTES:
1. Member must complete 18 months of OJT in a qualifying Assistant OSO billet to earn this NEC code; OJT will be conducted by a qualified OSO and/or Assistant OSO.
2. Adverse performance or misconduct while in an Assistant OSO billet will disqualify the Sailor from earning the NEC code for that period of duty.
3. Members in paygrade E4 may request to become the Assistant OSO with an endorsement from their Commanding Officer.

860A - Navy Afloat Maintenance Training Strategy (NAMTS) Corrosion Control Program Technician
Performs NAMTS operational and intermediate-level maintenance procedures in corrosion identification, structural and tank/void inspections, corrosion control procedures and corrosion Departure From Specifications. 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: OJT, JQR
Sequence Code: 5
Component NEC: 
Primary Advisor: OPNAV (N96)

Billet Paygrades: E3-E8
CIN: V-063-0237 (P/L)
ESTB Date: 11/14/19
Related NEC: 
Technical Advisor: NAVSEA 05

Personel Paygrades: E3-E9
CDP: 19N4, 19N5, 19N6, 20T5, 20T7, 20T8, 20TB
REV Date: 
NR Ind: A
Legacy NEC Code:
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 JQR located at https://navsea.navy.mil/field/CNRMC/NAMTS/default.aspx. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.
**LANGUAGE CAREER FIELD**

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.

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* See Note 2 for specific requirements to be awarded an NEC code in this series.
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<tr>
<td>9XOG</td>
<td>SOGA</td>
<td></td>
<td></td>
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<tr>
<td>9YAO</td>
<td>YAO (MALAWI &amp; MOZAMBIQUE)</td>
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<tr>
<td>9YAP</td>
<td>YAPPESE</td>
<td></td>
<td></td>
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<tr>
<td>9YID</td>
<td>YIDDISH</td>
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<td>9YKA</td>
<td>YAKAN</td>
<td></td>
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<tr>
<td>9ZAP</td>
<td>ZAPOTECO</td>
<td></td>
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<tr>
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<td>ZENAGA</td>
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<td></td>
</tr>
<tr>
<td>9ZHA</td>
<td>T-UNG</td>
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<tr>
<td>9ZUN</td>
<td>ZUNI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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).
## CHAPTER V

### PLANNING SERIES NEC CODES

Planning NEC codes are approved for planning purposes only. These NEC codes may be used in conjunction with Navy Training Plans, in developing planned training courses, and other applicable long-range projects. Planning NEC codes are established for assignment on manpower authorizations in the Navy Manpower Requirements System (NMRS) to project requirements in Preliminary Ship Manpower Authorizations in the Navy Manpower Requirements System (PSQMDs) and Preliminary Squadron Manpower Documents (PSQMDs); and other planning purposes. However, they are not assigned to personnel or billets in the Total Force Manpower Management System (TFMMS).

<table>
<thead>
<tr>
<th>NEC CODE</th>
<th>TITLE</th>
<th>BILLET PAGRADES MIN - MAX</th>
<th>ESTB/REV DATE MM/DD/YY</th>
<th>READY FOR TRAINING DATE MM/DD/YY</th>
<th>POINT OF CONTACT</th>
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</thead>
<tbody>
<tr>
<td>C35A</td>
<td>MQ-4C Signal Intelligence Coordinator (SC)</td>
<td>E6-E8</td>
<td>05/08/19</td>
<td>4th Qtr FY-21</td>
<td>PMA-205/262</td>
</tr>
<tr>
<td>E43A</td>
<td>MQ-8C Organizational Maintenance Mechanic</td>
<td>E1-E8</td>
<td>02/05/19</td>
<td>3rd Qtr FY-20</td>
<td>NAVAIR (PMA-266)</td>
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<tr>
<td>E44A</td>
<td>MQ-8C Organizational Avionics and Electrical Maintenance Technician</td>
<td>E4-E8</td>
<td>02/19/19</td>
<td>3rd Qtr FY-20</td>
<td>NAVAIR (PMA-266)</td>
</tr>
<tr>
<td>G64A</td>
<td>MQ-4C Electronic Warfare Operator (EWOP)</td>
<td>E4-E8</td>
<td>05/08/19</td>
<td>4th Qtr FY-21</td>
<td>PMA-205/262</td>
</tr>
<tr>
<td>1206</td>
<td>Littoral Combat Ship Mine Warfare Mission Package Specialist</td>
<td>E4-E8</td>
<td>8/9/19</td>
<td>ON LINE</td>
<td>NAVSEA (PMS420-L)</td>
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<tr>
<td>1349</td>
<td>OR Class AN/BYG-11(V) TL-2X Maintainer</td>
<td>E6-E9</td>
<td>10/07/15</td>
<td>FY-28</td>
<td>PEO Subs</td>
</tr>
<tr>
<td>1498</td>
<td>AN/USN-3(V) Satellite Signals Landing System Maintenance Technician</td>
<td>E4-E7</td>
<td>10/07/15</td>
<td>2nd Qtr FY-18</td>
<td>NAVAIR (PMA213)</td>
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<tr>
<td>14BU</td>
<td>OHIO Replacement (OR) Class-specific Electronic Support Equipment Maintenance Technician</td>
<td>E5-E6</td>
<td>10/07/15</td>
<td>FY-28</td>
<td>PEO Subs</td>
</tr>
<tr>
<td>14GR</td>
<td>Hull. Mechanical &amp; Electrical (HM&amp;E) Monitoring &amp; Control System Operations and Maintenance</td>
<td>E4-E9</td>
<td>10/09/15</td>
<td>FY-28</td>
<td>PEO Subs</td>
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<tr>
<td>14NN</td>
<td>COLUMBIA Class Non-Strategic Navigation and Ship’s Electronic Equipment Technician</td>
<td>E5-E7</td>
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<td>FY-28</td>
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<td>10/05/16</td>
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<td>V95B</td>
<td>MK-57 Vertical Launching System (VLS) Fleet and Shore Based Systems Technician</td>
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<td>FY-21 Q3/Q4</td>
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<td>E3-E7</td>
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<td>0531</td>
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<td>E4-E8</td>
<td>10/07/15</td>
<td>FY-28</td>
<td>PEO Subs</td>
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<tr>
<td>2760</td>
<td>CANES AN/USQ-208(V) System Administrator/Maintainer</td>
<td>E4-E7</td>
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<tr>
<td>3357</td>
<td>SSBN SSC INC 8 MT APPRENTICE</td>
<td>E4-E5</td>
<td>09/20/19</td>
<td>FY-22</td>
<td>DIRSSP</td>
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<tr>
<td>3358</td>
<td>SSBN SSC INC 8 MT JOURNEYMAN</td>
<td>E6-E8</td>
<td>09/20/19</td>
<td>FY-22</td>
<td>DIRSSP</td>
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<tr>
<td>3378</td>
<td>OR Class MT Apprentice</td>
<td>E4-E5</td>
<td>08/13/15</td>
<td>FY-28</td>
<td>DIRSSP</td>
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<td>4237</td>
<td>OHIO Replacement Class Advanced Auxiliary Equipment Technician</td>
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<tr>
<td>4238</td>
<td>OR Class Weapons Equipment Technician</td>
<td>E3-E9</td>
<td>10/07/15</td>
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<td>PEO Subs</td>
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<tr>
<td>4642</td>
<td>Advanced Integrated Low Pressure Electrolyzer Equipment Technician</td>
<td>E5-E6</td>
<td>10/07/15</td>
<td>FY-28</td>
<td>PEO Subs</td>
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<tr>
<td>8369</td>
<td>RQ-21A Operator</td>
<td>E3-E8</td>
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<tr>
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<td>RQ-21A Organizational Maintenance Technician</td>
<td>E3-E8</td>
<td>02/27/19 (Rev)</td>
<td>1st Qtr FY-22</td>
<td>PMA-263</td>
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</table>
NEC CODE PROPOSAL TEMPLATES

A. INTRODUCTION

This Appendix provides guidance on how to prepare and submit recommendations for establishing, disestablishing, or revising Navy Enlisted Classification (NEC) codes. The Navy Manpower Analysis Center (NAVMAC) is the administrator for all proposals submitted to the Navy Enlisted Occupational Classification System (NEOCS) process for approval. ALL proposals shall be submitted by an Echelon 3 or higher activity, and those having an impact on the student Individuals Account (IA) shall be submitted via their enterprise Primary Advisor (i.e., OPNAV (N2/N6, N95, N96, N97, N98) (endorsement letter, Figure A-3, MUST accompany proposal) to: Commanding Officer, Navy Manpower Analysis Center (Code 10), 5722 Integrity Drive, Millington, TN 38054-5011 or navmac_neocs@navy.mil. Proposals which do not have an impact on the student IA (e.g. Planning/Tracking NEC code establishments, PQS/JQR/OJT awardable NEC code establishments) DO NOT require a preliminary endorsement letter. However, IF the proposal identifies additional coordination Via activities who have equity in the requirement other than a funding impact, the originator shall obtain a signed endorsement prior to submission from those activities as well, which MUST also accompany the formal proposal for processing. ALL Acquisition related proposals for NEC codes shall be approved and endorsed by the Assistant Secretary of the Navy (ASN) for Research, Development and Acquisition (RDA) - Director, Acquisition Career Management (DACM) office. Please note that although technical merit is a primary consideration in a NEC code proposal, NEC code actions will always be finalized in light of resources, programming, and personnel management implications.

B. METHODOLOGY FOR ESTABLISHING NEC CODES

1. The NEOCS Board will review and decide upon all new NEC code proposals. NAVMAC is responsible for Board administration and technical assistance in developing and implementing changes to the enlisted classification system. OPNAVINST 1223.1 series details NEOCS Board composition and responsibilities.

2. Criteria for Establishing NEC codes. The NEOCS Board reviews all requests for new NEC codes considering following technical criteria:
   a. The NEC code must not duplicate Occupational Standards.
   b. Skill identification needs must be long term.
   c. The proposed NEC code must not reflect routine fleet training.
   d. There must be a need to document the skill in the Enlisted Master Record (EMR).
   e. The skill identification must be necessary throughout the Navy.
   f. The proposed NEC code must reflect workload required to support new equipment.

   NOTE: A good rule when drafting or reviewing new NEC code requests is to justify the Navy’s need to identify a skill over five to ten years.

3. NEC Code Establishment.
   a. Rating Career Field, and Special Career Field NEC Codes. Figures A-1 and A-2 identify the information and format required to establish a Rating Career Field or Special Career Field NEC codes. Submit recommendations to establish a NEC code 180 days before the date the NEC code is to be awarded, i.e., 180 days before completion of initial course/factory training.

   b. Planning NEC Codes. Figure A-2, paragraphs 1.a., d., h. (2), i., k., p., q., r., v., and w. identify the information required to establish a Planning NEC code. Submit recommendations to convert Planning NEC codes to Rating Career Field or Special Career Field NEC codes 180 days before the date the NEC code is to be awarded, (i.e., 180 days before completion of initial course/factory training) using all components of Figure A-2.

   c. Tracking NEC Codes. Figure A-2 identifies the information and format required to establish a Tracking NEC code, all information which makes reference to billets (paragraphs 1.i., and k.) is not required.

   NOTE: To revise an existing Tracking NEC code (personnel only) for assignment to billets and personnel, proposal MUST be submitted utilizing Figure A-2 to include billet information. ALL funding implications MUST be clearly stated as having an offset, planned/programed (POM) for or APPROVED; and endorsed utilizing Figure A-3.

4. NEC Code Revision. All recommendations to revise an NEC code must identify the proposed change and state the justification/rationale for the revision. Revisions which involve a change from OJT to course mandatory training also should address resource implications. Use standard Navy letter format as identified in Figure A-4 when submitting requests for NEC code revisions.

   EXCEPTION: When revising an existing Tracking NEC code to include assignment to billets, Figure A-2 MUST be utilized as stated above for new establishments; however, the proposal will be processed as a revision and the Subj: line shall be annotated as such.
5. **NEC Code Disestablishment.** All recommendations to disestablish a NEC code must state the reason or rationale for disestablishment and any required billet and/or personnel recoding action. Use standard Navy letter format as identified in Figure A-5 when submitting requests for NEC code disestablishments.

C. **NEC CODE CONSTRUCT**

1. The first character is alphanumeric indicating the specific Enlisted Career Field (AXXX-WXXX); or that the NEC code is open to multiple Enlisted Career Fields (7XXX/8XXX). All language NEC codes begin with 9 and the DoD mandated three character language tri-graph is added, e.g. 9KUR (Kurdish). All Career Fields are identified in Figure A-1 below.

   a. NEC codes with associated training that is not blocked ends with a letter (XXXA-XXXZ); prerequisite C/F schools, OJT/JQR/PQS, and Factor/Cadre training.

   b. NEC codes with associated training that is blocked ends with a number (XXX2, XXX1, XXX0); prerequisite A school training that identifies the number of blocks remaining, e.g. Block 0, Block 1, and Block 2 which means there are 3 NEC codes established (0 = fully trained).
### OCCUPATIONAL COMMUNITIES (12), CAREER FIELDS (23) & ASSOCIATED RATINGS

<table>
<thead>
<tr>
<th>AVIATION COMMUNITY</th>
<th>NEC CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Deck (AB, ABE, ABF, ABH, AO)</td>
<td>DXXX</td>
</tr>
<tr>
<td>- Squadron (AD, AE, AF**, AM, AME, AO, AT, AV**)</td>
<td>EXXX</td>
</tr>
<tr>
<td>- Support (AC, AN*, AS, AZ, PR)</td>
<td>FXXX</td>
</tr>
<tr>
<td>- Air Crew (AWF, AWO, AWR, AWS, AWV)</td>
<td>GXXX</td>
</tr>
<tr>
<td>- Intermediate Level/Fleet Readiness Center (FRC) (AD, AE, AM, AT)</td>
<td>IXXX</td>
</tr>
</tbody>
</table>

### EXECUTIVE SUPPORT COMMUNITY
- LN, MC, MU, NC, PS, RP, YN | AXXX |

### INFORMATION WARFARE COMMUNITY
- Cryptology (CTI, CTM, CTR, CTT) | CXXX |
- Cyber (CTN, IT) | HXXX |
- Meteorology/Oceanography (AG) | JXXX |
- Intelligence (IS) | KXXX |

### MEDICAL COMMUNITY
- HM | LXXX |

### NUCLEAR COMMUNITY
- EMN, ETN, MMN | NXXX |

### SEABEES COMMUNITY
- BU, CE, CM, CU**, EA, EO, EQ**, SW, UC**, UT | BXXX |

### SECURITY COMMUNITY
- MA | PXXX |

### SPECIAL OPERATIONS COMMUNITY
- EOD, ND | MXXX |

### SPECIAL WARFARE COMMUNITY
- SB, SO | OXXX |

### SUBMARINE COMMUNITY
- Mechanical (MMA, TM) | QXXX |
- Service (CSS, LSS, YNS) | RXXX |
- Technical (ETR, ETV, FT, ITS, MT, STS) | TXXX |

### SUPPLY COMMUNITY
- CS, LS, RS | SXXX |

### SURFACE COMMUNITY
- Engineering (DC, EM, EN, FN*, GS, GSE, GSM, HT, MM, MR) | UXXX |
- Technical (ET, FC, FCA, GM, IC, STG) | VXXX |
- Operations (BM, MN, OS, QM, SN*) | WXXX |

* Indicates Apprenticeship (General Rates)  
** Indicates Compression Ratings

### UNIQUE CAREER FIELDS
- Open to multiple Career Fields (Ratings) | 7XXX |
- Open to all Career Fields (Ratings) | 8XXX |
- Language Career Field | 9XXX |

---

**FIGURE A-1. OCCUPATIONAL COMMUNITIES, CAREER FIELDS & ASSOCIATED RATINGS**
From: **Title of activity submitting proposal (SNL Listing) (Echelon 3 or higher activity)**
To: Commanding Officer, Navy Manpower Analysis Center (Code 10)
Via: **Endorsement (s) (REQUIRED for all new establishments; accompanying endorsement letter(s) shall CLEARLY communicate acceptance of responsibility for any funding (i.e. training or systems) implications, and said funding has been APPROVED in support of subject NEC code establishment (s) (Figure A-3). If the proposal identifies additional coordination Via activities who have equity in the requirement other than a funding impact, the originator shall obtain a signed endorsement prior to submission from those activities as well, which MUST also accompany the formal proposal for processing)**

**Subject:** PROPOSAL TO ESTABLISH/REVISE (Tracking NEC code) NAVY ENLISTED CLASSIFICATION (NEC) CODE (*annotate the first character Career Field (Figure A-1) and three Xs (e.g. AXXX) and the proposed title here*)

**Ref:**
(a) NAVPERS 18068F, Volume II (NECs)
(b) OPNAVINST 1223.1D
(c) List additional references that relate to this proposal

1. Request establishment of a new NEC code per references (a) and (b).
   a. **NEC Code and title.** Recommend a NEC code number and a title. Use the *first character Career Field and three Xs* (e.g., AXXX).
   b. **Sequence Code.** Recommend a sequence code for prioritizing the NEC code on the Enlisted Master Record. See Chapter I paragraph C., 4, for sequence code discussion.
   c. **Description.** Describe the proposed NEC code by identifying the job tasks to be performed; particularly what skill-sets the NEC code provides that is not associated with a rating.
   d. **Source Rating(s).** List the rating(s) associated with the NEC code (e.g., BM only, BM and QM, or BM, QM, GM).
   e. **Component NEC.** Identify any prerequisite skill(s) (Component NEC) that a member must have earned before being awarded the principle NEC code, if any. 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 EMR; the stipulation for retainment will be annotated in the NOTE section of the principal NEC code. If multiple Component NECs, identify and/or requirement (AXXX and 7XXX) (AXXX or 7XXX).
   f. **Related NEC.** Identify existing NEC(s) similar in scope to the proposed NEC (Related NEC), if any.
   g. **Cost Analysis.** This calculation determines the effect on students IA in terms of Manpower Personnel Navy (MPN) in man-years. This calculation should include all net changes to training courses that are associated with changing or establishing a new NEC. Calculate the MPN in man-years for students in the IA by multiplying the expected annual throughput of students by the course length in days (including weekends) and dividing by 365.

\[
\text{MPN (man-years)} = \frac{\# \text{ Students per Year} \times \# \text{ Days in Course}}{365}
\]

**NOTE:** For some courses, the number of students in the first year will be much higher than the expected steady state throughput in order to get the initial batch of personnel trained. If this is the case, provide MPN calculations for first year and for out years.

**EXAMPLE:** A new course is created to train operators on a new piece of equipment. There will be 300 students in the first year and 100 students annually after that. The course lasts 19 days (15 days of training plus 4 weekend days).

First year MPN = 300 * 19 / 365 = 15.6 man-years.
Out year MPN = 100 * 19 / 365 = 5.2 man-years.

h. **Training/Offsets.** List the training needed to earn the proposed NEC code, the implications it may have on TAD training, and the impact it may have on increasing overall cost to the Navy in the out-years. Offsets must be identified with submission of your proposal. Offsets are required to cover the expected follow-on training costs. Acceptable offsets for student IA may be reduced time-to-train or reduced annual throughput in related NEC codes; elimination of related NEC codes; transfer of end strength from the force structure to the student account; or successful POM actions. NEC code requests which will cause an increase in the number of instructors or increase in TDI expenses also require offsets in MPN and/or OMN funding. Requests which do not have identified offsets will not receive concurrence when routed for approval. POC for questions regarding offsets is OPNAV (N122X).

**FIGURE A-2. NEC CODE ESTABLISHMENT PROPOSAL - FIRST PAGE**
**(TEMPLATE)**

A-4
Subj: PROPOSAL TO ESTABLISH/REVISE (Tracking NEC code) NAVY ENLISTED CLASSIFICATION (NEC) CODE (annotate the first character Career Field (Figure A-1) and three Xs (e.g. XXXX) and the proposed title here)

(1) Identify whether the NEC code will be awarded through formal training or through OJT.
(2) State whether the course is new or on-going. If new, state the ready-for-training date.
(3) List CIN/CDP when a formal training course is required. If CIN/CDP is unknown, list training as "under development."
(4) List the length of training (actual classroom days).
(5) Any establishments, revisions etc., to CIN/CDP should be addressed to NETC.
(6) Increase/savings to course length.
(7) Will difference course be required?
(8) Can this be done through non-traditional training sites, or by internet-based course?
(9) How does this fit into Navy Training System Plan (NTSP)? (Contact appropriate SYS.COM for info)
(10) If this is replacing another NEC or school, to what percent? How many personnel went through previous NEC, and how long was the course (man-years)?
(11) Projected number of student through-put per year (first year through the out-years)?

NOTE: Unless otherwise directed, the originator of a request for an NEC code establishment is responsible for ensuring entry of proper course data into the corporate enterprise Training Activity Resource System (CeTARS) as an integral part of the process.

i. Number of Billets. Identify the approximate number of billets requiring the NEC.

j. Personnel Paygrade. Identify the paygrade range for personnel who will hold the NEC (e.g., E4 - E5, E6 - E9).

k. Billet Paygrade. Identify the paygrade range for billet identified with this NEC (e.g., E4 - E5, E6 - E9).

l. Special Qualifications/Stipulations. Identify 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. It is also very prudent for accurate NEC code management 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.

m. Skill Identification. Indicate whether the proposed skill (NEC) currently exists as part of a rating or another NEC code.

n. Legacy NEC Code. Identifies the NEOCS approved Legacy NEC code established prior to the 1 October 2017 implementation start date for the current RRL/BL NEC code construct attached to the title. Will be left blank for new establishments approved after 1 October 2017.

o. Inactive Duty Select Reservists. Identify the applicable inactive duty Selected Reserve (SELRES) category for the NEC from the following listing and provide supporting rationale. Coordinate your recommendation with OPNAV (N951G).

Category “A”: The NEC code 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 code 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 code 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
- OJT that can be completed with three years of normal TRC A training cycles (Note 2).

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

Category “R”: The NEC code cannot normally be attained by SELRES within three years or normal TRC A training cycles; however, is assignable with restrictions to SELRES manpower requirements if SELRES already holding a NEC code in this category can maintain periodic recertification/requalification required for the NEC code within a normal, annual TRC A training cycle.
Subj: PROPOSAL TO ESTABLISH/REVISE (Tracking NEC code) NAVY ENLISTED CLASSIFICATION (NEC) CODE (annotate the first character Career Field (Figure A-1) and three Xs (e.g. AXXX) and the proposed title here)

Category "N": The NEC code is not assignable to SELRES personnel or manpower requirements because periodic recertification/qualification for the NEC code cannot be maintained by a SELRES during a normal, annual TRC A training cycle. Programming of SELRES manpower requirements with these NEC codes is not authorized.

NOTE 1: A formal training course that awards the NEC code or maintains recertification/qualification may be segmented into modules if recommended by COMNAVRESFOR, approved by OPNAV (N12)/NETC 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.

NOTE 2: NEC codes 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.

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

p. Coordination. The primary advisor should look at all cost associated with the establishment and provide a cost estimate for the establishment and agree to assume all associated cost. If TAD cost are associated with the establishment TYCOMS should be notified and agree to assume any associated TAD cost.

NOTE: Originator shall obtain a signed endorsement from activity identified in their proposal on the VIA: line, signed endorsement shall accompany proposal. Originator is responsible for contacting appropriate commands for this info prior to submission. The accompanying endorsement letter(s) shall CLEARLY communicate acceptance of responsibility for any funding (i.e. training and/or systems) implications, and said funding has been APPROVED in support of subject NEC code establishment(s) (Figure A-3).

q. Directives. Identify special directives associated with the proposed NEC code, such as instructions or manuals.

r. Justification. Explain the purpose of the proposed NEC code and how it will impact manpower increases/decreases. Be as specific as possible.

s. Platform/Equipment. Identify the new platform(s) and/or equipment the proposed NEC code will support.

1. Identify the "phase in" period for new platform(s), equipment, and training.

2. Is the proposed NEC code replacing an existing NEC code? If yes:
   a) When is the old platform(s) or equipment no longer in service; and
   b) Identify the date the NEC code being replaced may be deleted.

t. Occupation Standards. When requesting establishment of a Rating Series NEC code, indicate whether the proposed NEC code does or does not duplicate existing Occupational Standards for the rating(s) involved, NAVPERS 18068F, Volume I identifies rating specific occupational standards.

u. Workload Measurements. When requesting the establishment of a NEC code, identify workload levels for each new equipment. The work may be generated either by watch station requirements, Planned Maintenance (PM), Corrective Maintenance (CM), or by other specific mission essential elements. The work could be supported by any combination of the preceding types of workload.

v. Primary Advisor/Technical Advisor/Enlisted Community Manager. Provide the abbreviated activity name, along with the specific internal code responsible for subject NEC code, which identifies the respective Primary Advisor/Technical Advisor/Enlisted Community Manager.

w. Point of Contact. Identify the name, telephone number (commercial and DSN), and E-Mail address of a person knowledgeable about the proposed NEC code.

K. LEADERSHIP
Authorized Signature

Copy to: Commands that have an interest in this proposal

FIGURE A-2. NEC CODE ESTABLISHMENT PROPOSAL - THIRD PAGE (TEMPLATE)
A-6
FIRST (SECOND/THIRD, etc.) ENDORSEMENT on Program Manager, All Naval Air Systems (PMA-000) (Title of activity submitting proposal being endorsed) ltr 1221 Ser PMS 000/120 of 07 Oct 17 (Reference to proposal being endorsed)

From: Title of activity endorsing proposal (Typically the Primary Advisor, i.e. Director, Air Warfare Division (OPNAV (N98)))
To: Commanding Officer, Navy Manpower Analysis Center (Code 10)

Subj: PROPOSAL TO ESTABLISH/REVISE/DISESTABLISH NAVY ENLISTED CLASSIFICATION CODE AXXX- PARALEGAL SPECIALIST (Should read the same as the subject line of the proposal being endorsed)

1. Recommend forwarding to the Navy Enlisted Occupational Classification System Board for review and approval. Insert name here (activity endorsing, e.g. OPNAV (N98)) acknowledges responsibility for considering the funding implications (i.e. training or systems, POM, TDI) during normal annual prioritization of all MPT&E issues within the PPBE process.

NOTE: IF the proposal identifies additional coordination activities who have equity in the requirement other than a funding impact, the originator shall obtain a signed endorsement letter prior to submission from those activities as well, stating that they “Concur with proposal and recommend forwarding to the Navy Enlisted Occupational Classification System Board for review and approval”.

2. Point(s) of contact is/are CPO Joe Sailor, who may be reached at (901) 874-6464/DSN 882; or CPO Joy Sailor, who may be reached at (901) 874-6258/DSN 882.

K. LEADERSHIP
Authorized Signature

Copy to:
Commands that have an interest in this proposal

FIGURE A-3. NEC CODE PROPOSAL ENDORSEMENT LETTER (TEMPLATE)
From: Title of activity submitting proposal (SN DL Listing) (Echelon 3 or higher activity)
To: Commanding Officer, Navy Manpower Analysis Center (Code 10)
Via: Endorsement (s) (REQUIRED if there is an impact to requisite training/certification/qualification and associated funding, i.e. student individuals account (IA), TAD/TDI training costs (Figure A-3 above). IF the proposal identifies additional coordination Via activities who have equity in the requirement other than a funding impact, the originator shall obtain a signed endorsement prior to submission from those activities as well, which MUST also accompany the formal proposal for processing)

Subj: PROPOSAL TO REVISE NAVY ENLISTED CLASSIFICATION (NEC) CODE (S) G25A - C-130 FLIGHT ENGINEER (If multiple G25A, G28A, AND G29A)

Ref: (a) NAVPERS 18068F, Volume II (NECs)
(b) OPNAVINST 1223.1D
(c) Additional references as required

Encl: (1) NEC Code Revision Data

3. In accordance with references (a), (b), and (c) request proposed revision(s) in enclosure (1) be submitted to the Navy Enlisted Occupational Classification System (NEOCS) Board for review and approval.

4. The effectiveness of the NEC manual in providing correct and timely identification of skilled personnel and requirements depends largely upon support from affected stakeholders during their routine assessment of the data accuracy.

5. Specific update to data fields are annotated in the "PROPOSED" section of enclosure (1) and identified with yellow highlighting. The “ORIGINATORS JUSTIFICATION” block provides justification for proposed updates.

6. Point(s) of contact is/are CPO Joe Sailor, who may be reached at (901) 874-6464/DSN 882; or CPO Joy Sailor, who may be reached at (901) 874-6258/DSN 882.

K. LEADERSHIP
Authorized Signature

Copy to:
Commands that have an interest in this proposal
NEC Code Revision Data

**CURRENT**

G25A - 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.

<table>
<thead>
<tr>
<th>Source Rating: AWF</th>
<th>Billet Paygrades: E5-E8</th>
<th>Personnel Paygrades: E5-E8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: R-050-0404</td>
<td>CDP: 7346</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td></td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: 802A</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 8252</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV (N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**PROPOSED**

G25A - C-130 Flight Engineer
Performs in-flight duties as a C-130 flight engineer. Is knowledgeable of all *navigation procedures*, aircraft systems, emergency procedures and flight equipment.

<table>
<thead>
<tr>
<th>Source Rating: AWF</th>
<th>Billet Paygrades: E5-E8</th>
<th>Personnel Paygrades: E5-E8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: R-050-0555</td>
<td>CDP: 04HN</td>
</tr>
<tr>
<td>Sequence Code: 3</td>
<td></td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC: 802A</td>
<td>Related NEC: 8206</td>
<td>Legacy NEC Code: 8252</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV(N98)</td>
<td>Technical Advisor: NAVAIR</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

**ORIGINATORS JUSTIFICATION:**

1. **State the justification for your proposal.** If there are any changes in student funding (e.g. *INCREASE IN TRAINING/COST SAVINGS*), please provide detailed information of who’s paying (currently and through the out-years) or any off-sets related to current training; TDI cost should also be addressed if required.

2. **Revision example:** Description revised to properly identify required skill-sets.

3. **Revision example:** CIN and CDP updated to accurately reflect the current course awarding the NEC code, provide date of activation. Delete current “CIN/CDP” and add proposed “CIN/CDP." STUDENT FUNDING (IA)/TDI COST: Must have specific details; even if there’s no change explain why.

4. **Revision example:** Related NEC code added because of the vast similarities of skill-sets and related billet functions.

*The “ORIGINATORS JUSTIFICATION” section is a summary of justification(s) for the change to be affected on each individual data field. Site all pertinent references (if any) that will support your justification/proposal.*
From: Title of activity submitting proposal (SN DL Listing) (Echelon 3 or higher activity)

To: Commanding Officer, Navy Manpower Analysis Center (Code 10)

Via: Endorsement (s) (REQUIRED if cost savings associated with training will be/has been allocated as offsets for another NEC code, the ORIGINATORS JUSTIFICATION section SHALL clearly provide details of implementation (Figure A-3 above). IF the proposal identifies additional coordination Via activities who have equity in the requirement other than a funding impact, the originator shall obtain a signed endorsement prior to submission from those activities as well, which MUST also accompany the formal proposal for processing)

Subj: PROPOSAL TO DISESTABLISH NAVY ENLISTED CLASSIFICATION (NEC) CODE (S) 734A - VERDIN/ISABPS SHORE COMMUNICATIONS SYSTEM OPERATOR (If multiple 734A, H04A, AND 2381)

Ref: (a) NAVPERS 18068F, Volume II (NECs)
(b) OPNAVINST 1223.1D
(c) Additional references as required

Encl: (1) NEC Code Disestablishment Data

1. In accordance with references (a), (b), and (c) request proposed disestablishment (s) in enclosure (1) be submitted to the Navy Enlisted Occupational Classification System (NEOCS) Board for review and approval.

2. The effectiveness of the NEC manual in providing correct and timely identification of skilled personnel and requirements depends largely upon support from affected stakeholders during their routine assessment of the data accuracy.

3. Specific actions for subject NEC code (s) are annotated in the "PROPOSED" section of enclosure (1) and identified with yellow highlighting. The “ORIGINATORS JUSTIFICATION” block provides justification for proposed disestablishment (s).

4. Point (s) of contact is/are CPO Joe Sailor, who may be reached at (901) 874-6464/DSN 882; or CPO Joy Sailor, who may be reached at (901) 874-6258/DSN 882.

K. LEADERSHIP

Signature required

Copy to: Commands that have an interest in this proposal

FIGURE A-5. NEC CODE DISESTABLISHMENT PROPOSAL - FIRST PAGE

(TEMPLATE)
**CURRENT**

734A - VERDIN/ISABPS Shore Communications System Operator

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

<table>
<thead>
<tr>
<th>Source Rating: IT, ET (see note)</th>
<th>Billet Paygrades: E3-E6</th>
<th>Personnel Paygrades: E3-E6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Mandatory</td>
<td>CIN: A-260-0035</td>
<td>CDP: 063B</td>
</tr>
<tr>
<td>Sequence Code: 4</td>
<td></td>
<td>NR Ind: R</td>
</tr>
<tr>
<td>Component NEC:</td>
<td>Related NEC:</td>
<td>Legacy NEC Code: 2378</td>
</tr>
<tr>
<td>Primary Advisor: OPNAV N6</td>
<td>Technical Advisor: NETWARCOM N17</td>
<td>ECM: BUPERS-32</td>
</tr>
</tbody>
</table>

NOTE: Source rating ET must be qualified in submarines.

**PROPOSED**

734A - VERDIN/ISABPS Shore Communications System Operator

**DISESTABLISH NEC CODE IMMEDIATELY**

**ORIGINATORS JUSTIFICATION:**

1. Disestablishment example: Disestablish NEC code because equipment is obsolete and no longer exist in inventory.

2. Additional justification as required.

3. Provide re-coding information for billets and/or personnel:
   - Recode billets and personnel to H04A
   - Recode billets to H04A and personnel to 0000

* The “ORIGINATORS JUSTIFICATION” section is a summary of originators justification for the disestablishment of the NEC code(s). Re-coding information required to update affected billets and personnel once NEC code is approved for disestablishment.
A. INTRODUCTION

This Appendix provides guidance on how to prepare and submit recommendations for establishing, revising, merging, or disestablishing Navy ratings. The Navy Manpower Analysis Center (NAVMAC) is the administrator for all proposals submitted to the Navy Enlisted Occupational Classification System (NEOCS) Board for the review and approval process. ALL proposals shall be submitted by an Echelon 3 or higher activity to: Commanding Officer, Navy Manpower Analysis Center (Code 10), 5722 Integrity Drive, Millington, TN 38054-5011 or navmac_neocs@navy.mil. Please note that although technical merit is a primary consideration in a rating structure proposal, proposed actions will always be finalized in light of resources, programming, and personnel management implications.

B. METHODOLOGY FOR ESTABLISHING RATINGS

1. The NEOCS Board is a standing board and serves as the central monitoring and control point for system changes to ratings and overall system direction. The NEOCS Board formally reviews all proposals and supplies relevant data to the chain of command to assist in the review and approval process. The Executive Secretary of the NEOCS Board processes all changes to the rating structure. The Deputy Chief of Naval Operations (Manpower, Personnel, Training, and Education), approves policy and modifications to existing ratings including the establishment, revision, merging, and disestablishment of service ratings. Under the authority of Title 10 U.S.C. 6013, the Secretary of the Navy approves the establishment and disestablishment of general ratings.

2. **Criteria for Navy Ratings.** The following considerations are intended for use in developing proposals to establish new ratings:

   a. Must apply to the regular Navy and Naval Reserve in peacetime and wartime with no basic change in structure during mobilization;

   b. Must provide necessary generalization in paygrades E-4 through E-6 to ensure the availability of broadly qualified senior petty officers capable of supervising any work in their rating;

   c. Must provide the fleet with a rating that can, with other ratings, accomplish all necessary tasks, yet possess specific knowledge and skills different from other ratings;

   d. Must be useful at sea, ashore, or at an overseas activity;

   e. Should be composed of occupational (work) content in sufficient scope and range so that the rating comprises a family of related jobs;

   f. Should require essentially the same basic experience, training, techniques, abilities and physical and mental capacities;
g. Should involve a sufficient number of personnel to establish the need for training programs and related administrative functions;

h. Should have a skill level and qualifications structure; and

i. Should provide workload equity among ratings as far as practicable.

3. **NEOCS Board concerns.** The following questions highlight some of the major issues evaluated by the NEOCS Board during the rating proposal review process. Proposals should address the following questions:

a. Is the proposal for a general rating, or rating merger?

b. What are the operational requirements of the proposed rating; why is it necessary?

c. If the proposal is for a rating, what related service ratings, if any, are required?

d. If the proposed rating contains service ratings, what proportion should be assigned to each service rating?

e. What is the title of the proposed rating?

f. What tasks and duties will personnel in the proposed rating be required to perform?

g. How will the work requirements be assigned among the paygrades?

h. To what extent will the level of skill and knowledge increase with each higher paygrade?

i. What degree of formal and on-the-job training is required?

j. What special personal qualifications are needed for the new rating (mental, physical or other requirements)?

k. To what Limited Duty Officer (LDO) and Chief Warrant Officer (CWO) classifications would personnel in the rating advance?
From: Title of activity submitting proposal (SNDL Listing)
To: Commanding Officer, Navy Manpower Analysis Center (Code 10)

Subj: PROPOSAL TO ESTABLISH/REVISE/DISESTABLISH/MERGE (RATING AND RATING)
(PROPOSAL TO ESTABLISH THE SUBMARINE INFORMATION SYSTEMS TECHNICIAN (ITS) SERVICE RATING)

Ref: (a) OPNAVINST 1223.1D
(b) NAVPERS 18068F, Volume II (NECs)
(c) List additional references that relate to this proposal

Encl: (1) Proposal to Establish/Revise/Disestablish/Merge (Rating And Rating)
(2) Point Paper
(3) Draft NAVADMIN

1. In accordance with references (a) and (b), enclosure (1) is submitted for review, consideration, and approval by the Navy Enlisted Occupational Classification System (NEOCS) Board. This proposal considers current and proposed billet structures, personnel inventory, training impact (to include the IA Account), career paths for the affected rating(s), advantages and disadvantages of this proposed establishment/revision/disestablishment/merger, advancement opportunity, sea/shore rotation, opportunities for women, clearance issues, NEC code issues, reserve implications, Armed Services Vocational Aptitude and Batter Test (ASVAB) scores, rating badge, and rating name.

2. As a means to accelerate the review process, enclosure (2) is provided as an executive summary; and upon approval of the proposal by CNO, enclosure (3) shall be released by DCNO (N1).

3. Point(s) of contact is/are CPO Joe Sailor, who may be reached at (901) 874-6463/DSN 882; or CPO Joy Sailor, who may be reached at (901) 874-6258/DSN 882.

K. LEADERSHIP
Signature required

Copy to:
As required if you as the originator deem necessary.
Proposal to *Establish/Revise/Disestablish/Merge (Rating And Rating)*
1. **Purpose:** Mention any steering committee meetings or groups that met to review rating issues and policies, project future requirements and make recommendations, which would include the concept brief given to the Manpower, Personnel and Training Working Group (MPTWG) for concept development.

2. **Justification:** Explanation of how it will benefit the Navy and the Sailors. Examples of Sailors’ benefits could be promotion opportunities, diversity of assignments and/or training etc.

3. **Rating Scope:** To include existing/proposed. Individual Learning Centers or Enlisted Community Managers would provide this.

4. **Career Path:** To included existing/proposed. Current Career Path can be found in NAVPERS 18068F. Should include advancement opportunities.

5. **Billet Structure:** To include existing/proposed. Break-down of Sea and Shore rotation. This would be the Enlisted Programmed Authorization (EPA) Structure. Include Reserve EPA Tables (existing/proposed). Should include explanation how the new billet structure would be displayed. If excess billets will be achieved with the merger, should include explanation on how the excess billets would be recoded (sea/shore). If additional billets are required, include an explanation on where the compensation would come from. Is there workload to support additional billets? Who will pay for the additional billets?

6. **Personnel Inventory:** To include existing/proposed. Separate tables for active and reserve. Give total number of personnel and display percentage breakdown by paygrade. If all current personnel are not required in the new proposed rating, how will conversions be handled?

7. **Training:** To include existing/proposed (what schools, location, duration, CBT, OJT etc). Need to state who will absorb the cost if there is a training requirement increase. Will there be a difference course (for the higher paygrades) offered when the merger is complete? Will CDs need to be developed? Will PCS be involved if training sites move or if a new training site is established. Has the PCS been planned for? Does the Navy have resources (trainers) to train at the new proposed site? Consider training sites that award an NEC. Is there going to be an Individual Accounts (IA) increase? Will these schools be consolidated?

8. **Primary/Enterprise Resource Sponsor/OPNAV (N10):** A statement to the effect they will ensure the cost associated with the rating merger will be programmed for as required.

9. **NEC Code(s):** Will a new NEC code (s) need to be established? Will NEC codes need to be merged? Will NEC codes need to be disestablished? Will source ratings need to be revised or added? School producing NEC codes should be addressed under Training.

10. **Clearance Issues/Naturalization Issues:** To include existing. Will this change once the ratings are merged? How will the billets and personnel be affected? Due to the backlog of SCI security clearance adjudications, it is imperative to discuss any issues this backlog causes WRT to accomplishing the mission (i.e. junior Sailors may sit at a PCS duty station for over a year before getting a final TS SCI security clearance, so what are we going to do prior to their arrival to shorten this time lag?)

11. **Reserves:** Impact. How will they handle the conversion? Does anything pose a problem for the Reserves (i.e. cost, women, time requirements, etc)?

12. **Facilities/Equipment:** MILCON issues, equipment purchases, etc.

13. **Sea/Shore Rotation:** To include existing/proposed (ECM can give you this information). If the existing is changing, give an explanation.

14. **Rating Badge:** Will existing badge remain or will it change? If change is needed, notify the NEXCOM, and in the proposal state what it will be and if the name changes, add that as well.

15. **Timeframe:** Here you will need to explain the timeframe involved to implement the proposal. (i.e. will you do E9 & E8, then E7, and E6 and below) or will the implementation occur all at one time? When will conversion be completed?

16. **Summary:** Pros and cons. Closing remarks.
Subject: PROPOSAL TO ESTABLISH/REVISE/DISESTABLISH/MERGE (RATING AND RATING)
(PROPOSAL TO ESTABLISH THE SUBMARINE INFORMATION SYSTEMS TECHNICIAN (ITS) SERVICE RATING)

1. Executive Issues:

   • Currently the “A” and “B” ratings are too small to effectively manage community health.
     
     o Very limited promotion opportunities due to very little turnover at E7-E9.
     o Small changes in EPA have significant impact to community health.
     o Small changes in losses/gains have significant impact to community health (e.g. over assess or excessive losses).

   • The action proposed is required to ensure SWE ratings maintain enough inventory to provide operationally relevant Sailors to meet fleet management and training requirements while providing Sailors a viable career in a surface rating.

2. Background:

   • Bullets.

3. Discussion:

   • Bullets.

4. Recommendation:
UNCLAS//N01223// NAVADMIN XXX/15
MSGID/GENADMIN/CNO WASHINGTON DC/N1/XXX/
SUBJ/ESTABLISHMENT/MERGER OF “A” AND “B” RATINGS....................
RMKS/1. THIS NAVADMIN IS TO ANNOUNCE.........................
2. AN EXTENSIVE REVIEW OF ADVANCEMENT OPPORTUNITY, CAREER DIVERSITY 
   AND DUTY ASSIGNMENTS..................................
3. SAILORS IN THE “A” AND “B” RATINGS HAVE THE FOLLOWING CAREER OPTIONS WITH 
   ADJUDICATION OF EACH REQUEST BASED ON THE NEEDS OF THE NAVY:
   A. ________________________________
   B. ________________________________
4. SAILORS IN THE “A” AND “B” RATINGS HAVE THE FOLLOWING CAREER OPTIONS WITH 
   ADJUDICATION OF EACH REQUEST BASED ON THE NEEDS OF THE NAVY:
   A. ________________________________
   B. ________________________________
5. REENLISTMENTS AS A RESULT OF THIS ACTION ARE AUTHORIZED OUTSIDE OF 
   THE TIME FRAMES ESTABLISHED BY MILPERSMAN.................
6. “A” AND “B” ENLISTED COMMUNITY MANAGER (BUPERS-32X) WILL CONTACT 
   COMMANDING OFFICERS OF THOSE AFFECTED WHO DO NOT SUBMIT A REQUEST INDICATING 
   THEIR DESIRES WITH ONE OF THE ABOVE OPTIONS BY “DAY MONTH YEAR.”
7. EFFECTIVE “DAY MONTH YEAR”, ALL “A” AND “B” DETAILING WILL BE EXECUTED 
   BY............................
8. ALL REQUESTS WILL BE ROUTED THROUGH PERS-XXXXX: SUBMIT AN ENLISTED 
   PERSONNEL ACTION REQUEST (NAVPERS 1306/7), WITH COMMAND ENDORSEMENT, 
   INDICATING SAILORS DESIRES.
9. APPLICATIONS FOR CHANGE IN RATING MUST CONTAIN A CONCISE SUMMARY OF THE 
   MEMBER’S QUALIFICATIONS. APPLICANTS MUST MEET ALL ELIGIBILITY REQUIREMENTS 
   FOR THE RATING DESIRED (ASVAB, PHYSICAL STANDARDS, SECURITY CLEARANCE, ETC.) 
   AS OUTLINED IN MILPERSMAN 1440-010. REFER TO THE MOST RECENT CAREER 
   OPPORTUNITY MATRIX (CARMAT), ACCESSIBLE AT THE PERFORM TO SERVE WEBPAGE 
   WWW.NPC.NAVY.MIL/CAREERINFO/CMC_CCC, FOR CREO 1 AND 2 RATINGS. FLEET RIDE 
   SCREENING IS REQUIRED FOR ALL E6 AND BELOW APPLICANTS TO VALIDATE RATING 
   ELIGIBILITY AND CREO REQUIREMENTS.
10. A CHANGE IN RATING MAY AFFECT A SAILOR’S COMPETITIVE CATEGORY FOR 
    ADVANCEMENT. THEREFORE, COMMANDS ARE ENCOURAGED TO COUNSEL SAILORS AFFECTED BY 
    THIS NAVADMIN ON THE TIMING OF THEIR REENLISTMENT CHANGE IN 
    RATING. REFER ALL QUESTIONS TO THE POINTS OF CONTACT (POCS) LISTED BELOW.
11. THIS NAVADMIN DOES NOT MODIFY ANY PREVIOUS GUIDANCE CONCERNING 
    EARLY SEPARATION, FLEET RESERVE, CONVERSION PACKAGES, OR PERFORM TO 
    SERVE (PTS) REENLISTMENT REQUESTS.
12. A FREQUENTLY ASKED QUESTIONS (FAQ) INFORMATION SHEET IS POSTED ON THE 
    ENLISTED COMMUNITY MANAGERS WEBPAGE AT 
    HTTP://WWW.NPC.NAVY.MIL/ENLISTED/COMMUNITYMANAGERS/
13. POINT OF CONTACTS:
14. RELEASED BY VADM M. L. SAILOR, N1.//

* Draft NAVADMIN shall be submitted in MS Word format for ease of editing.*

B-7

Enclosure (3)
NEOCS PROCESS

NEC CODE REVISION

Proposal forwarded to ECM, Primary & Technical Advisors, OPNAV (N15), NAVPERSCOM (PERS-4), and NETC.

YES: All concur?

NO: Originator works directly with dissenting member(s) to resolve issues.

Issues resolved?

YES: Proposal sent to EXCOM for arbitration.

NO: Executive Secretary approves. Changes are printed in the NEC Manual.

Approved?

YES: Proposal is forwarded to DCNO (MPTE) (N1) for final arbitration, approval, or additional action, as required.

NO: Proposal terminated or returned for amendment or future consideration.

RATING STRUCTURE CHANGE *

Flag-level Sponsor/Concept Brief

Proposal forwarded to NEOCS Board for review. NETPDTC and MCPON added as Board members.

YES: All concur?

NO: Dissenting members record questions or issues in the official comments matrix.

Originator works directly with dissenting member(s) to resolve issues.

Issues resolved?

YES: Forward to OPNAV (N13) and DCNO (MPTE) (N1) for approval or addition action, as required.

NO: Approved?

YES: ECM develops and tracks Implementation POA&M.

NO: ECM develops and tracks Implementation POA&M.

NEC CODE ESTABLISHMENT/DEESTABLISHMENT

Proposal forwarded to NEOCS Board for review.

NAVMAC INTERNAL REVIEW

Proposal forwarded to ECM, Primary & Technical Advisors, OPNAV (N15), NAVPERSCOM (PERS-4), and NETC.

YES: All concur?

NO: Originator works directly with dissenting member(s) to resolve issues.

Issues resolved?

YES: Proposal sent to EXCOM for arbitration.

NO: Proposal sent to EXCOM for arbitration.

Approved?

YES: Proposal is forwarded to DCNO (MPTE) (N1) for final arbitration, approval, or additional action, as required.

NO: Proposal terminated or returned for amendment or future consideration.

* Concept brief must be approved by MPTE prior to submitting proposal. For specific guidance (e.g., commonality studies and brief requirements for rating merger proposals) and procedural responsibilities, refer to NAVADMIN 206/05 and OPNAVINST 1223.1D.
NAWAY ENLISTED CLASSIFICATION (NEC) CHANGE REQUEST
(NAVPERS 1221/6)

1. The following link will direct you to the Navy Personnel Command ~ Reference Library ~ NAVPERS Forms section, for access to the current “Fillable Form” version of NAVPERS 1221/6:

REFERENCE LIBRARY:

NEC CHANGE REQUEST (NAVPERS 1221/6):