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 8; 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 retainment purposes, the Component NEC may be retained in the member’s personnel record; the stipulation for retainment 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 (XXXA-XXXZ); prerequisite C/F schools, OJT/JQR/PQS, and Factor/Cadre training.

- 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

	NEC CODE
AVIATION COMMUNITY	**CAREER FIELDS**
- Deck (AB, ABE, ABF, ABH, AO)……..	DXXX
- Squadron (AD, AE, AF**, AM, AME, AO, AT, AV**)…….	EXXX
- Support (AC, AN*, AS, AZ, PR)…….	FXXX
- Air Crew (AWF, AWO, AWR, AWS, AWV)…….	GXXX
- Intermediate Level/Fleet Readiness Center (FRC) (AD, AE, AM, AT)…….....	IXXX
EXECUTIVE SUPPORT COMMUNITY	
- LN, MC, MU, NCC, NCR, 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, HN*……..	LXXX
NUCLEAR COMMUNITY	
- EMN, ETN, MMN……	NXXX
SEABEES COMMUNITY	
- BU, CE, CM, CN*, 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 (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

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	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-561-0018	CDP: 19ES, 19JZ
	A-561-0024	19F7, 19K5
Sequence Code: 6	ESTB Date: REV Date:	NR Ind: A
Component NEC: AEX1	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N097)	Technical Advisor: OPNAV (N097)	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	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-561-0018	CDP: 19ES, 19JZ
	A-561-0021	19F4, 19K2
Sequence Code: 8	ESTB Date: REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N097)	Technical Advisor: OPNAV (N097)	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	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-561-0018	CDP: 19ES, 19JZ
	A-561-0022	19F5, 19K3
Sequence Code: 6	ESTB Date: REV Date:	NR Ind: A
Component NEC: ASE1	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N097)	Technical Advisor: OPNAV (N097)	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	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-561-0018	CDP: 19ES, 19JZ
	A-561-0019	19F2, 19K0
Sequence Code: 8	ESTB Date: REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N097)	Technical Advisor: OPNAV (N097)	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	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-561-0018	CDP: 19ES, 19JZ
	A-561-0023	19F6, 19K4
Sequence Code: 6	ESTB Date: REV Date:	NR Ind: A
Component NEC: ASH1	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N097)	Technical Advisor: OPNAV (N097)	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	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-561-0018 A-561-0020	CDP: 19ES, 19JZ 19F3, 19K1
Sequence Code: 8	ESTB Date: REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N097)	Technical Advisor: OPNAV (N097)	ECM: BUPERS-32

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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-501-0007	CDP: 525G
Sequence Code: 2	ESTB Date: 7/18/17 REV Date: 4/17/18	NR Ind: N
Component NEC: 800R and 805A	Related NEC:	Legacy NEC Code:
Primary Advisor: NAVCRU	Technical Advisor: NAVCRU	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	Billet Paygrades: E5-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-542-0015	CDP: 23DL, 23E0
Sequence Code: 3	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2905
Primary Advisor: DCNP	Technical Advisor: PERS-2	ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during "PS TRR" completed 6/29/20.

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3801
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	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	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 2	ESTB Date: 8/10/12 REV Date: 10/16/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 2960
Primary Advisor: NAVLEGSVCCOM	Technical Advisor: NAVJUSTSCOL	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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3802
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3803
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	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	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: S-570-0051	CDP: 19X1
Sequence Code: 5	ESTB Date: REV Date: 8/15/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8143
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3804
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	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	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: S-400-2014	CDP: 4414
Sequence Code: 2	ESTB Date: REV Date: 8/15/19	NR Ind: R
Component NEC: A04A	Related NEC:	Legacy NEC Code: 8144
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Last reviewed during "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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3805
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	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	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: S-570-0013	CDP: 961U
Sequence Code: 3	ESTB Date: 11/24/14 REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8145
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3806
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	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.

Source Rating: MC	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: S-570-0017	CDP: 961V
Sequence Code: 5	ESTB Date: REV Date: 8/15/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8147
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

NOTES:

1. Waiver of course completion will be considered when specialized university training in photojournalism has been completed. Submit transcript from an accredited university or professional civilian photographic school to certify completion of a minimum of 15 semester hours or equivalent quarter hours of an electronic imaging curriculum with mandatory courses in image acquisition and editing, graphic design, software and hardware configurations, archiving, emerging technologies, networking, ethics in journalism 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 (N09C4).
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.

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3807
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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.

Source Rating: MC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-400-2013	CDP: 4464
Sequence Code: 2	ESTB Date: REV Date: 8/19/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8148
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

NOTES:

1. Must be eligible to hold a SECRET security clearance.
2. Last reviewed during “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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3808
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	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	Billet Paygrades: E1-E5	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: S-1B-0017	CDP: 20E4
Sequence Code: 6	ESTB Date: REV Date: 6/17/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8150
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTES:
1. Prospective students must pass a voice audition prior to enrollment in this course.
2. 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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3809
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	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 art work files, imagery captions, Visual Information Record Identification Numbers (VIRIN), and archiving data/image files. Demonstrates working knowledge of computer management, computer hardware and software, systems configuration, computer graphics raster and vector software, electronic presentations, ethics, visual communications, web page design software, animation software, digitized audio and video software, combat documentation (reference sketches) graphics and safety and security.

Source Rating: MC	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: S-400-2040	CDP: 324S
Sequence Code: 5	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8151
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Waiver of course completion will be considered when specialized university training in graphic arts has been completed. Submit transcript from an accredited university or professional civilian visual arts school to certify completion of a minimum of 15 semester hours or equivalent quarter hours of a graphic arts curriculum with mandatory courses in image acquisition and editing, graphic design, archiving, digital workflow, ethics in journalism, and production of presentations. Include copies of course descriptions from university or civilian trade school catalog. Submit waiver request form NAVPERS 1221/6 to NPC, PERS-4013 (NEC Mgmt. Section), 5720 Integrity Drive, Millington, TN 38055-3340 via OPNAV (N09C2).

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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-570-0042	CDP: 05SV
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: A12A	Legacy NEC Code: 8152
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3811
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: S-570-0040 or S-750-0021	CDP: 02FU or 03T9
Sequence Code: 3	ESTB Date: REV Date: 8/5/14	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8153
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO OI-8	ECM: BUPERS-32

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3812
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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.

Source Rating: MC	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-750-0020	CDP: 03T8
Sequence Code: 2	ESTB Date: 11/24/14 REV Date: 10/1/17	NR Ind: A
Component NEC: A11A	Related NEC:	Legacy NEC Code: 8154
Primary Advisor: OPNAV (N09C)	Technical Advisor: CHINFO (OI-8)	ECM: BUPERS-32

A13M - Percussion 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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3813
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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

A14M - Keyboard 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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3814
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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.

Source Rating: YN, YNS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-511-0015	CDP: 048G
Sequence Code: 2	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2514
Primary Advisor: PERS-44ES1	Technical Advisor: PERS-44ES1	ECM: PERS-44ES1

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

A15M - Electric Bass/String Bass 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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3815
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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.

Source Rating: NC, PS, YN, YNS	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-500-0035	CDP: 19K6, 23DS
Sequence Code: 7	ESTB Date: 9/13/16 REV Date: 6/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 95AD
Primary Advisor: PERS-2	Technical Advisor: CNPC	ECM: BUPERS-32

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.

c. 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).

2. CBT/OJT requirement will suffice as an alternate vehicle for training those personnel who will be awarded this NEC code until the end of 2023.
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. Commands 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.
8. Last reviewed during "CSCS TRR" completed 6/29/20.

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.

Source Rating: RP	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-561-0008	CDP: 2080
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2401
Primary Advisor: OPNAV (N097B)	Technical Advisor: OPNAV (N097B)	ECM: BUPERS-32

NOTES:

1. NEC code may be awarded upon successful completion of Marine Corps Expeditionary and Combat Skills Training (MCECST) course. Additionally, the NEC code may be awarded to RPs who interservice transfer from the Marine Corps.
2. RP personnel must be advised of Marine Corps standards for appearance and fitness. Personnel must pass a color blindness screening, possess a valid U.S. driver's license and a secret security clearance.

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.

Source Rating: MC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: OJT/PQS	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 6/17/19	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8288
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR/CHINFO	ECM: BUPERS-32

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 43242-2 Navy Aircrew Aerial Cameraman, 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 disciplines in the following areas: Personnel security (initiates and updates security clearance/access eligibility); Security Access Eligibility Reports (SAER); Single Scope Background Investigation (SSBI), Periodic Re-Investigation (PR), Eligibility, polygraph management; maintains Special Security Office (SSO) files; Special Access/Compartmented Programs; SCI Facility oversight; Information Security (violation reporting or investigations, classification management, Freedom of Information Act (FOIA), and privacy act); and Security Education & Awareness. Prepares classified correspondence. 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.

Source Rating: YN, YNS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9190
Primary Advisor: NIA (N2N6I)	Technical Advisor: SSO Navy (NIA IP1)	ECM: BUPERS-32

NOTES:

1. Each candidate must possess a Department of Defense Consolidated Adjudication Facility (DoD CAF) TS/SCI eligibility and complete DoD SCI Security Officials course (SCI201.01) (resident course) provided by the Defense Security Service Center for Development Security Excellence (DSS/CDSE) or the SSO Navy SSO/SSR Professional Training Course (CBT or Resident) provided by SSO Navy or a Regional Special Security Office (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 (GS140.16). 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 & ICPG 704.1, 704.2, 704.3, 704.4, 704.5; DoDM 5105.21 (Vols 1-3) and SSO definitions.
2. E4 personnel who are currently serving at their Permanent Duty Station, in an ACC 100 status with 2 years Time-In-Grade may be awarded this NEC code.
3. Upon completion of course requirements, the candidate must obtain Commanding Officer's recommendation utilizing the NEC Change Request Form (NAVPERS form 1221/6 (06-06). Forward NAVPERS Form 1221/6 along with course completion certificates to Naval Support Facility - Arlington, 701 South Courthouse Road, BLDG #12, Room 3J250-SSO Navy, Arlington, VA. 22204. SSO Navy will validate TS/SCI eligibility and endorse and forward to NAVPERSCOM (PERS-4013) for awarding of NEC code.

A20A - Chief Recruiter

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

Source Rating: NC	Billet Paygrades:	Personnel Paygrades: E8-E9
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 3/19/19 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: CNRC	Technical Advisor: CNRC	ECM: BUPERS-32

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.

Source Rating: NC	Billet Paygrades:	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 6/13/19 REV Date:	NR Ind: N
Component NEC: 800R	Related NEC:	Legacy NEC Code:
Primary Advisor: CNRC	Technical Advisor: CNRC	ECM: BUPERS-32

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 (NACLC).
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.

Source Rating: LN	Billet Paygrades:	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: S-512-0612	CDP: 07HA
Sequence Code: 5	ESTB Date: 5/29/19 REV Date:	NR Ind: A
Component NEC:	Related NEC: A02A	Legacy NEC Code:
Primary Advisor: NJS	Technical Advisor: NJS	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.

Source Rating: LN	Billet Paygrades:	Personnel Paygrades: E7
Course: Mandatory	CIN: S-512-0014	CDP: 846L
Sequence Code: 2	ESTB Date: 6/11/19 REV Date:	NR Ind: A
Component NEC:	Related NEC: A02A	Legacy NEC Code:
Primary Advisor: NJS	Technical Advisor: NJS	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.

Source Rating: MC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-1B-0019	CDP: 20E6
Sequence Code: 6	ESTB Date: 8/15/19 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV N09C	Technical Advisor: CHINFO	ECM: BUPERS-32

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.

Source Rating: MC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-1B-2020	CDP: 20E7
Sequence Code: 6	ESTB Date: 8/15/19 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV N09C	Technical Advisor: CHINFO	ECM: BUPERS-32

A25M - Vocalist/Entertainer
Performs duties as solo/lead vocalist for authorized Navy bands.

Source Rating: MU	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-450-0010	CDP: 6065
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3825
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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.

Source Rating: MC	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: S-1B-0018	CDP: 20E5
Sequence Code: 6	ESTB Date: REV Date: 12/23/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8193, 775A
Primary Advisor: OPNAV N09C	Technical Advisor: CHINFO	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 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.

Source Rating: MU	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-450-0014	CDP: 471P
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3851
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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

Source Rating: MU	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3852
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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.

Source Rating: MU	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-450-0012	CDP: 3250
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3853
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3854
Primary Advisor: PERS-4014	Technical Advisor: PERS-4014	ECM: BUPERS-32

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, directionality 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	CIN: A-450-0018	CDP: 6990
Sequence Code: 3	ESTB Date: REV Date: 11/18/19	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3855
Primary Advisor: FBA	Technical Advisor: FBA	ECM: BUPERS-32

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	CIN: A-710-0022	CDP: 365V, 366X
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5501
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

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	CIN: A-711-0006	CDP: 18TT
Sequence Code: 8	ESTB Date: 9/25/17 REV Date: 11/29/17	NR Ind: A
Component NEC: B001	Related NEC: B19A, B20A, B21A, B22A	Legacy NEC Code:
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	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-71 l-0005	CDP: 18TS
Sequence Code: 6	ESTB Date: 9/25/17 REV Date: 11/29/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENGCOM	ECM: BUPERS-32

B01A - Advanced Engineering Aide

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	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-412-0027(P/L)	CDP: 09DM, 09DN
Sequence Code: 3	ESTB Date: REV Date: 6/25/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5503
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

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

a. Completion of the formal training course.

or

b. Completion of individual segments of the formal training with A-412-0018 Surveying, A-412-0019 Drafting, A-412-0023 Construction Design, A-412-0024 Materials Testing, and A-412-0026 Global Positioning System Surveying, combined with on-the-job training, and recommendation of the Commanding Officer.

or

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

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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Factory Training	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5601
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

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

Source Rating: BU, CE, CM, CU, EA, EO, SW, UT, UC, EQ	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-661-0036	CDP: 07KE
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5633
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

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.

Source Rating: CE	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-721-0038 (P/L)	CDP: 09DJ, 09DH
Sequence Code: 3	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5635
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-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.

Source Rating: CE	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-721-0023	CDP: 4069
Sequence Code: 6	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5644
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-730-0014	CDP: 747R
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5707
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

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. Transfer explosives from magazine to blasting site. Places explosives and detonates charge by fuse, non-electrical detonator, shock tube detonator, and/or electrical detonation. Evaluates and records events of explosive detonations. Overseas stowage of blasting materials and maintains records of expended and stowed explosives.

Source Rating: EO, EA, BU, CE, CM, SW, UT	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-730-0019	CDP: 747T
	A-730-0021	747U
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5708
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

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:

   a. Shore activities - OPNAVINST 8020.14 series.
   b. Naval Construction Forces (NCF) COMLANT/COMPACINST 8023.5 series.
   c. Selected Reserve personnel may re-certify biannually as authorized by OPNAV ltr 8020 Ser 411F/4U385314 of 7 Aug 84 (NOTAL).
   d. All non-certified blasters will not be eligible for Special Duty Assignment Pay (SDAP).
   e. Except EO, other rates listed in the source rating must hold NEC code 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 distributer and rollers in support of paving operations. Operates, adjusts and services excavators and scrapers. Operates, adjusts and services tractor/trailers. Applies principles of soil stabilization and operates, adjusts and services soil stabilization machine. Applies principles to trenching and placing trench boxes. Applies principles to vehicles recovery operations utilizing light and heavy equipment. Mount, operate, adjust and service the Grader Control System on Graders and Dozers in support of earthwork operations. Employs the principles and techniques of transportation supervisory skills to transportation operations and line haul planning.

Source Rating: EO	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-730-0049 (P/L)	CDP: 09DP, 09DR
Sequence Code: 3	ESTB Date: REV Date: 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

   b. Completion of individual segments of the formal training with Transportation Operations (A-730-0046), Earthwork Operations (A-730-0047) and Pavement(A-730-0048).

   or

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

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

   a. Complete Navy eLearning Rigging 101 (NCC-R101-01).

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 (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.
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	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-730-0050 (P/L)	CDP: 09DU, 09DS
Sequence Code: 3	ESTB Date: 4/23/12 REV Date: 9/20/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5711
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFAC	ECM: BUPERS-32

NOTES:

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

   a. Completion of the formal training course (A-730-0050).

   or

   b. Completion of all individual segments of the formal training with Hook Block Operations (A-730-0028), Clamshell and Dragline Operations (A-730-0029) and Pile Driving (A-730-0030).

2. The following prerequisites must be 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

   b. Complete Navy eLearning Rigging 101 (NCC-R101-01).

   and

   c. Complete Navy eLearning Rigging Gear Inspector (NCC-RGI-04).

   and

   d. Complete Navy eLearning Rigging Practices (NCC-RP-05).

   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	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-062-0102	CDP: 315V
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5712
Primary Advisor: CIVIL ENG, OPNAV N434	Technical Advisor: NAVFACENG	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

b. Completion of individual segments of the formal training with Power train and Chassis (A-610-0048), and Pneumatic Systems (A-610-0050), Engines, Fuel and Electrical Systems (A-610-0051), and Automotive Air conditioning (A-610-0052).

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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

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 - B15A

NOTE: Personnel attached to the Reserve Naval Construction Force (RNCF) are awarded NEC codes B13A, B14A, and B15A based on the recommendation of individual Commanding Officer of RNCF units and the approval of the Commanding Officer, Naval Reserve Personnel Command (NRPC) in lieu of completion of applicable courses.

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: 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

Installs and performs organizational and/or intermediate level maintenance on building trades shop equipment. Maintains and repairs portable, powered hand tools associated with construction skills. Gums, sharpens and sets saw blades. Splices band saw blades. Grinds and sharpens cutting tools. Maintains files of manufacturer's maintenance and spare parts list. Coordinates stocking and procurement of parts. Establishes preventive maintenance schedules. Records data on major repairs.

Source Rating: BU	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-712-0010	CDP: 346E, 351P
Sequence Code: 5	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5908
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-412-0012	CDP: 3140, 350Z
Sequence Code: 3	ESTB Date: REV Date: 3/19/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5915
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-433-0037	CDP: 4502
Sequence Code: 2	ESTB Date: REV Date: 10/10/18	NR Ind: R
Component NEC: B17A	Related NEC:	Legacy NEC Code: 5931
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	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 - Basic Engineer Diver

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 principle and techniques of precision demolition in projects requiring cutting, flattening or removal of pilings, obsolete mooring, or other obstruction in channels, harbors, open oceans, or other areas of concern. Performs rigging, marlin spike seamanship and small boat handling. Tests, repairs, and adjust all diving equipment. Dresses and tends divers. Knows the laws of diving physics and is able to recognize symptoms of decompression sickness and diving accidents, and is able to assist in their treatment.

Source Rating: BU, SW, CE, UT, EO, CM, EA	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-433-0036	CDP: 4500
Sequence Code: 2	ESTB Date: REV Date: 8/7/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5932
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTE: Last reviewed during "SEABEE TRR" completed 8/7/20.

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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-433-0019	CDP: 2040
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC: B16A	Related NEC: MMDV	Legacy NEC Code: 5933
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-710-0001	CDP: 05BV
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 6001
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

1. A SECRET security clearance with the ability to obtain a TOP SECRET/SCI security clearance is required.
2. NEC code is awarded based on completion of CIN A-710-0001 and assignment to Naval Support Unit.
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	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course:	CIN: A-711-0030 (P/L)	CDP: 09DW, 09DV
Sequence Code: 3	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6010
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFACENG	ECM: BUPERS-32

NOTES:

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

   a. Completion of the formal training course.

   or

   b. Completion of individual segments of the formal training with A-711-0002A, Shielded Inert Gas Welding, A-711-0022A, Arc Welding (Structural), A-711-0023A, Arc Welding (Pipe/Up), A-711- 0024A, Gas Cutting and Welding, A-711-0025A, Metal Fabrication and Lay-out, A-711-0026A, Sheet Metal Work, A-711-0027A, Steel Reinforcing, combined with on-the-job training, and recommendation from the Commanding Officer.

   or

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

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	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-711-0031	CDP: 09DB, 09DC
Sequence Code: 3	ESTB Date: 4/18/2012 REV Date: 3/1/18	NR Ind: A
Component NEC: B20A	Related NEC:	Legacy NEC Code: 6015
Primary Advisor: CSFE (N7)	Technical Advisor: CSFE (N7A25)	ECM: BUPERS-32

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	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E8
Course: Mandatory	CIN: A-493-0021	CDP: 02B8, 02B9, 03BL, 224L
Sequence Code: 7	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6021
Primary Advisor: OPNAV N434	Technical Advisor: NAVFACENG	ECM: BUPERS-32

B23A - B24A

Personnel attached to the Reserve Naval Mobile Construction Battalion (RNMCB) 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
   b. Completion of individual segments of the formal training with A-720-0001, A-720-0002, A-720-0003, A-720-0011, A-720-0014, and A-730-0038, combined with on-the-job training, and recommendation from the Commanding Officer.
   or
   c. Completion of on-the-job training and recommendation from the Commanding Officer. Recommend use of JQR/PQS as a means of documenting on-the-job training.

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

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-E6
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	Billet Paygrades: E6-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5077	CDP: 14X8
Sequence Code: 4	ESTB Date: 4/15/19 REV Date:	NR Ind: A
Component NEC: CADX	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.

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	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5001	CDP: 14ZE
Sequence Code: 4	ESTB Date: 8/9/18 REV Date:	NR Ind: A
Component NEC: 9CMN	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.

CCMY - 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	Billet Paygrades: E6-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5038	CDP: 14Z9
Sequence Code: 4	ESTB Date: 4/15/19 REV Date:	NR Ind: A
Component NEC: CCMX	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.

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	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5076	CDP: 14X6
Sequence Code: 4	ESTB Date: 8/9/18 REV Date:	NR Ind: A
Component NEC: 9HEB	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.

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	Billet Paygrades: E6-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-0007	CDP: 14WZ
Sequence Code: 4	ESTB Date: 4/15/19 REV Date:	NR Ind: A
Component NEC: CHEX	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.

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.

Source Rating: CTI	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5002	CDP: 14XB
Sequence Code: 4	ESTB Date: 8/9/18 REV Date:	NR Ind: A
Component NEC: 9KOR	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.

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.

Source Rating: CTI	Billet Paygrades: E6-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5078	CDP: 14ZB
Sequence Code: 4	ESTB Date: 4/15/19 REV Date:	NR Ind: A
Component NEC: CKPX	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.

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.

Source Rating: CTI	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5081	CDP: 14WS
Sequence Code: 4	ESTB Date: 8/9/18 REV Date:	NR Ind: A
Component NEC: 9PES	Related NEC:	Legacy NEC Code:
Primary Advisor: NAVIFOR (N13)	Technical Advisor: NAVIFOR (71)	ECM: BUPERS-32

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.

Source Rating: CTI	Billet Paygrades: E6-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5093	CDP: 14WL
Sequence Code: 4	ESTB Date: 4/15/19 REV Date:	NR Ind: A
Component NEC: CPFX	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.

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.

Source Rating: CTI	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5003	CDP: 14ZS
Sequence Code: 4	ESTB Date: 8/9/18 REV Date:	NR Ind: A
Component NEC: 9SPA	Related NEC:	Legacy NEC Code:
Primary Advisor: NAVIFOR (N13)	Technical Advisor: NAVIFOR (71)	ECM: BUPERS-32

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

CQBY - 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	Billet Paygrades: E6-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5073	CDP: 14ZR
Sequence Code: 4	ESTB Date: 4/15/19 REV Date:	NR Ind: A
Component NEC: CQBX	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.

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	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5037	CDP: 14ZL
Sequence Code: 4	ESTB Date: 8/9/18 REV Date:	NR Ind: A
Component NEC: 9RUS	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.

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	Billet Paygrades: E6-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5035	CDP: 14ZN
Sequence Code: 4	ESTB Date: 4/15/19 REV Date:	NR Ind: A
Component NEC: CRUX	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.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-102-1980	CDP: 04RJ
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC: C01A	Related NEC: C02A, C04A	Legacy NEC Code: 1702
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: A-102-0248	CDP: 747V
Sequence Code: 3	ESTB Date: 7/31/13 REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1708
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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)
Performs 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.

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

NOTE: Last reviewed during "CTT TRR" completed 10/9/19.

C04A - AN/SLQ-32(V)6 Electronic Warfare Systems Maintenance Technician
Maintains AN/SLQ-32(V) 6 Electronic Warfare system and ancillary systems applying complex intercept techniques, prescribed analysis and reporting procedures.

Source Rating: CTT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-230-1313	CDP: 12AE
Sequence Code: 3	ESTB Date: 7/7/16 REV Date: 3/1/18	NR Ind: R
Component NEC: C01A	Related NEC:	Legacy NEC Code: 1739
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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

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.

Source Rating: CTT	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-230-0018	CDP: 988P, 989M
Sequence Code: 2	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1781
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

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.

Source Rating: CTI, CTR, CTT	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-050-3021 (P/L)	CDP: 2125
	C-050-3023 (P/L)	2124
	C-050-3010	2097
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8296
Primary Advisor: OPNAV (N2/N6)/(N98)	Technical Advisor: NAVAIR, NAVIFOR (N13)	ECM: BUPERS-32

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 (TDDS), 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.

Source Rating: CTT	Billet Paygrades: E1-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-231-0076	CDP: 477S
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9102
Primary Advisor: OPNAV (N2N6)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

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: 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 advance 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:	CDP:
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.

Source Rating: CTR	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: K-231-1850	CDP: 06SV
Sequence Code: 4	ESTB Date: 3/4/15 REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC: C20A, C21A	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: C13A	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.

Source Rating: CTR	Billet Paygrades: E7-E8	Personnel Paygrades: E7-E8
Course: Mandatory	CIN: J-3B-1200	CDP: 12JX
Sequence Code: 2	ESTB Date: 10/1/1984 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9132
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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

C14A - Cryptologic Subsurface Augmentee Operator
Operates subsurface systems, applying complex collection and analysis techniques, and prescribed reporting procedures.

Source Rating: CTR, CTI	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: PQS, JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 3/4/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9134
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

NOTE: NEC code earned through completion of local PQS/JQR programs and per COMNAVIFORINST 1221.1.

C15A - Cryptologic Subsurface Augmentee Electronic Signals Intelligence Operator
Operates subsurface electronic warfare systems, applying complex collection and analysis techniques, and prescribed reporting procedures.

Source Rating: CTT	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-233-0125	CDP: 968T
Sequence Code: 4	ESTB Date: REV Date: 3/4/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9135
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

NOTE: NEC code is earned through combination of course completion and local PQS/JQR programs er COMNAVIFORINST 1221.1.

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.

Source Rating: CTR	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-232-0074	CDP: 3859
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9138
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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.

Source Rating: CTT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-231-0016	CDP: 07K6, 916P, 644U
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9141
Primary Advisor: OPNAV (N2N6)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

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	CDP: 028Y
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9147
Primary Advisor: OPNAV (N2N6)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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	CDP: 4375
Sequence Code: 3	ESTB Date: REV Date: 8/14/19	NR Ind: N
Component NEC: C18A	Related NEC:	Legacy NEC Code: 9149
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

NOTES:
1. Must have completed a tour in non-Morse operations, and completed one shore tour in Signal Search and Development. The Signal Search and Development tour must be completed immediately prior to attending A-232-0452 course.
2. Last reviewed during “NAVMAC Periodicity Review” completed 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	CDP: 04C3, 04C4, 9385
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC: C11A	Related NEC:	Legacy NEC Code: 9150
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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	CDP: 11GB, 11GD, 11GE
Sequence Code: 3	ESTB Date: 9/27/13 REV Date: 3/1/18	NR Ind: N
Component NEC: C11A	Related NEC:	Legacy NEC Code: 9161
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E8
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC: C17A	Related NEC:	Legacy NEC Code: 9168
Primary Advisor: OPNAV (N2N6)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-231-0044	CDP: 6301
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9169
Primary Advisor: OPNAV (N2/N6)	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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: PQS, JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: 12/7/16 REV Date: 3/4/20	NR Ind: N
Component NEC: C14A	Related NEC:	Legacy NEC Code: 91AA
Primary Advisor: COMTENTHFLT (N13)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

NOTE: This NEC code is earned through local PQS/JQR programs completion and per COMNAVIFORINST 1221.1.

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	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N/A
Component NEC:	Related NEC:	Legacy NEC Code: 9206
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTES:
1. Achieve L3/R3 on Defense Language Proficiency Test (DLPT) within one year of applying for this NEC code.
2. Successfully complete the three-year Military Linguist Program, or successfully pass the NSA/CSS Professional Qualification Examination for their base language.
3. Must have TS/SI security clearance.

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	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: A-102-5888	CDP: 06T2, 06T3, 964T
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9225
Primary Advisor: OPNAV (N2N6)	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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-102-5599 (SNOOP) A-102-0116 (ISCRS)	CDP: 967P 01NN, 02FM
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9229
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	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	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: A-102-5900	CDP: 11CS
Sequence Code: 4	ESTB Date: 9/27/13 REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9298
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N13)	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	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course:	CIN:	CDP:
Sequence Code: 6	ESTB Date: 4/19/11 REV Date: 9/24/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9317
Primary Advisor: NAVCYBERFOR (N7/N1)	Technical Advisor: BUPERS-327	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	Billet Paygrades:	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-232-0042 A-232-0066 A-232-0041	CDP: 6123 1858 6122
Sequence Code: 1	ESTB Date: 3/17/11 REV Date: 10/23/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9320
Primary Advisor: NAVIFOR	Technical Advisor: BUPERS-327	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	Billet Paygrades:	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-232-0022	CDP: 6322
	A-232-0028	6328
Sequence Code: 1	ESTB Date: 3/17/11 REV Date: 10/23/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9321
Primary Advisor: NAVIFOR	Technical Advisor: BUPERS-327	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	Billet Paygrades:	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-232-0031	CDP: 6331
Sequence Code: 1	ESTB Date: 3/17/11 REV Date: 10/23/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9322
Primary Advisor: NAVIFOR	Technical Advisor: BUPERS-327	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	Billet Paygrades:	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-232-0021	CDP: 6321
Sequence Code: 1	ESTB Date: 3/17/11 REV Date: 10/23/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9323
Primary Advisor: NAVIFOR	Technical Advisor: BUPERS-327	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 cryptologic 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	Billet Paygrades: E6-E7	Personnel Paygrades: E5-E8
Course: OJT, JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: 5/28/19 REV Date: 3/4/20	NR Ind: N
Component NEC: C15A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMTENTHFLT	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

NOTE: This NEC code is earned through local PQS/JQR programs completion and per COMNAVIFORINST 1221.1.

C36A - AN/SLQ-32(V)6 Electronic Warfare Systems Operator
Operates the AN/SLQ-32(V)6 Electronic Warfare systems and ancillary systems applying complex intercept techniques and prescribed analysis and reporting procedures.

Source Rating: CTT	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: PQS, JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: 7/24/20 REV Date:	NR Ind: R
Component NEC: C01A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: COMNAVIFOR (N13)	ECM: BUPERS-32

NOTES:
1. Must possess a Top Secret/Sensitive Compartmented Information security clearance.
2. Member must complete the Electronic Warfare Console Operator PQS (NAVEDTRA 43357-G series), platform specific JQR and a minimum of 180 days as an SLQ-32(V)6 operator on a surface platform (time must be completed outside Maintenance Phase).
3. Submission of NAVPERS 1221/6 with Commanding Officer's recommendation to PERS-4013 for awarding of this NEC code.

DXXX - AVIATION (DECK) COMMUNITY & CAREER FIELD

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: 759B, 760B	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
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.

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)	CDP: 5841
	M-602-6326 (AE/AT)	5843
	M-603-6156 (AM)	5842
Sequence Code: 4	ESTB Date: 2/12/18 REV Date: 7/26/18	NR Ind: A
Component NEC:	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.

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: REV Date: 1/29/20	NR Ind: R
Component NEC:	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.

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	CDP: 483X
	C-601-9446 (P/L) AD	483U
	C-602-9442 (P/L) AE	483V
	C-102-9444 (P/L) AT	483W
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	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.

Source Rating: AD, AM, AME, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-601-9472 (AD)	CDP: 480X (AD)
	C-602-9478 (AM)	483J (AM)
	C-602-9742 (AME)	480Y (AME)
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC: E28A	Related NEC:	Legacy NEC Code: 8305
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. C2/E2 training applicable to AD, AM, and AME personnel.
2. C2/E2 AD training applies to the T56-A-425 engine.
3. NEC 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.

Source Rating: AE, AT, AD	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-9482 (P/L) (AT)	CDP: 325T (AT)
	C-602-9480 (P/L) (AE)	3260 (AE)
	C-601-9135 (P/L) (AD)	325V (AD)
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC: E29A	Related NEC:	Legacy NEC Code: 8306
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. AD rating applies to the T-56-A-427 engine.
2. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC 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.

Source Rating: AT, AE	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-602-2351 (P/L) (AE)	CDP: 555B (AE)
	C-102-2321 (P/L) (AT)	555A (AT)
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8307
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-0041 (AD)	CDP: 11R8
	C-602-0063 (AE)	11R2
	C-603-0010 (AM)	11R9
	C-102-0140 (AT)	11R5
Sequence Code: 4	ESTB Date: 9/28/15 REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8311
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E6	Personnel Pay Grade: E3-E6
Course: Mandatory	CIN: C-602-3084	CDP: 490X, 750H
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8312
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

E10A - C-40A Systems Organizational Maintenance Technician

Performs organizational maintenance on the C-40 Aircraft.

Source Rating: AT, AE, AD, AM, AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: R-603-5006	CDP: 05UB
	R-600-5000	670Y
	R-603-5007	07JC, 07ZW
Sequence Code: 4	ESTB Date: 2/25/10 REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8313
Primary Advisor: OPNAV (N98)	Technical Advisor: COMNAVRESFOR	ECM: BUPERS-32

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	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-4516	CDP: 332V
Sequence Code: 3	ESTB Date: REV Date: 11/21/18	NR Ind: A
Component NEC: E32A	Related NEC:	Legacy NEC Code: 8315
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.

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-1379A/ASW, Upgraded Multifunction Control Display Units (MFCDU), and the Global Positioning System (GPS). Other systems currently include the Joint Tactical Information Distribution System (JTIDS), and APS-145 Radar, with the Cooperative Engagement Capability (CEC) AN/ USG-3 system schedule for installation in the near future (FY01).

Source Rating: AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-102-3492	CDP: 877S
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC: E33A	Related NEC:	Legacy NEC Code: 8316
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

E14A - C-130 Systems Organizational Maintenance Technician
Performs organizational level maintenance on the C-130 aircraft.

Source Rating: AD, AT, AE, AM, AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: M-102-0451 (P/L)	CDP: 182H
	M-602-0455 (P/L)	182J
	R-600-3519	06P6
	R-600-3520	06P9
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8318
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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)	CDP: 458T (AT)
	C-602-825A (P/L) (AE)	459K (AE)
	C-601-9533 (P/L) (AD)	459N (AD)
	C-603-9531 (P/L) (AM)	459V (AM)
	C-603-9532 (AME)	459L (AME)
	C-646-1140 (P/L) (AO)	949C (AO)
Sequence Code: 4	ESTB Date: REV Date: 1/29/20	NR Ind: A
Component NEC: E34A	Related NEC:	Legacy NEC Code: 8319
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC 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
3. Last reviewed during “CSCS TRR” completed 1/29/20.

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)	CDP: 05TM (AD)
	C-602-9487 (AE)	05TK (AE)
	C-102-9473 (AT)	05TH (AT)
Sequence Code: 4	ESTB Date: 2/25/10 REV Date: 7/1/18	NR Ind: A
Component NEC: E35A	Related NEC:	Legacy NEC Code: 8320
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC code is awarded through factory (cadre) and FIT-coordinated Transition training pending CNATTU Ready For Training (RFT).
2. AE and AT ratings require a Secret security clearance.

E17A - P-8A Aircraft Systems Organizational Career Maintenance Technician
Performs Organizational Maintenance on the P-8A Aircraft systems: Airframes/Hydraulics, Avionics, Electrical, Environmental Control, Ordnance, and Power Plants.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
AME, AO	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: OJT	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/27/10 REV Date: 7/1/18	NR Ind: A
Component NEC: E36A	Related NEC:	Legacy NEC Code: 8330
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. AE, AT and AO Source Ratings must be eligible for Secret security clearance.
2. 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.

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	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-601-9975 (AD)	CDP: 2838, 401B (AD)
	C-602-9977 (AE)	283J, 401T (AE)
	C-603-9975 (AM)	2923, 4030 (AM)
	C-602-9979 (AME)	2889, 4027 (AME)
	C-646-9975 (AO)	294V, 4034 (AO)
	C-102-9978 (AT)	2758, 4019 (AT)
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC: E38A	Related NEC:	Legacy NEC Code: 8341
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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, AO, AT, AME, AM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-603-9974 (AM)	CDP: 1215 (AM)
	C-602-9974 (AME)	1207 (AME)
	C-102-9963 (AT)	1162 (AT)
	C-602-9976 (AE)	1209 (AE)
	C-601-9974 (AD)	1182 (AD)
	C-646-9974 (AO)	1218 (AO)
Sequence Code: 4	ESTB Date: REV Date: 6/11/20	NR Ind: A
Component NEC: E39A	Related NEC:	Legacy NEC Code: 8342
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

E21A - E-6 Systems Organizational Career Maintenance Technician
Performs organizational level maintenance on all E-6 series aircraft.

Source Rating: AME	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: AD, AE, AM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-601-3504 (AD)	CDP: 454G
	C-602-3509 (AE)	454H
	C-602-3510 (AME)	454J
	C-603-3503 (AM)	454K
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC: E40A	Related NEC:	Legacy NEC Code: 8343
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Component NEC not required for AME personnel.
2. Personnel in paygrades E1 through E4 who were previously trained and awarded NEC code E21A are authorized to retain this NEC code. No new awards of this NEC code will be made to E-3 and below personnel.
3. Last reviewed during "NAVMAC Periodicity Review" completed 1/10/20.

E22A - MQ-8B Organizational Maintenance Technician
Performs Organizational level maintenance on the MQ-8B systems.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-690-0037 (AD, AM) C-690-0036 (AT, AE)	CDP: 04CT 04CP
Sequence Code: 4	ESTB Date: 7/15/09 REV Date: 7/1/18	NR Ind: A
Component NEC: E23A or E41A; E25A, E26A, or E30A, E31A; E24A or E42A	Related NEC:	Legacy NEC Code: 8366
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Component NEC for AD/AM is E23A or E41A; AT is E30A/E31A or E25A/ E26A; and AE is E24A or E42A.
2. NEC code may be awarded through cadre training pending establishment of formal training.

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) C-601-9407 (P/L) (AD) C-602-9407 (P/L) (AE) C-603-9407 (P/L) (AM) C-646-0840 (P/L) (AO)	CDP: 447F, 447G 447L, 447M, 967Z 447N, 447P 447R, 447S, 968A 555W, 568X
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
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	NR Ind: A
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	NR Ind: A
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. 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)
	ESTB Date: REV Date: 2/6/20	NR Ind: A
Sequence Code: 3	Related NEC:	Legacy NEC Code: 8389
Component NEC: E31A	Technical Advisor: NAVAIR	ECM: BUPERS-32
Primary Advisor: OPNAV (N98)		

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.

Source Rating: AT	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: C-102-9980	CDP: 03TF
Sequence Code: 4	ESTB Date: REV Date: 12/9/19	NR Ind: A
Component NEC: E38A or E19A	Related NEC:	Legacy NEC Code: 8394
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Secret Clearance required and member must not be color blind.
2. Personnel will retain previously earned Component NEC code 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.

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

NOTES:
1. This NEC code applies to Group Zero and Group II E-2C aircraft for the AM rating.
2. AD training applies to the T-56-A-425 engine.

E29A - E-2C Group II Systems Organizational Initial Maintenance Technician
Performs organizational apprentice level maintenance on the E-2 aircraft.

Source Rating: AD, AE, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0328 (P/L) (AT)	CDP: 325F (AT)
	C-601-9134 (P/L) (AD)	599B (AD)
	C-602-0353 (P/L) (AE)	325C (AE)
Sequence Code: 6	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8806
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

E30A - MH-60R Electronics Systems Organizational Initial Maintenance Technician
Performs avionics organizational level maintenance on the MH-60R aircraft.

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

E31A - MH-60S Electronics Systems Organizational Initial Maintenance Technician
Performs avionics organizational level maintenance on the MH-60S aircraft.

Source Rating: AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0828 (P/L)	CDP: 660J, 745L
Sequence Code: 6	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8808
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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: REV 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: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC: E29A	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.

Source Rating: AD, AE, AM, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
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: REV Date: 1/29/20	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 1/29/20.

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.

Source Rating: AD, AE, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-601-9126 (AD)	CDP: 05TL (AD)
	C-602-9488 (AE)	07AL (AE)
	C-102-9475 (AT)	07AK (AT)
Sequence Code: 6	ESTB Date: 2/25/10 REV Date: 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
Performs Organizational Maintenance on the P-8A Aircraft systems: Airframes/Hydraulics, Avionics, Electrical, Environmental Control, Ordnance, and Power Plants.

Source Rating: AD, AE, AM, AME, AO, AT	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-4203 (P/L) (AD)	CDP: 11PA
	C-602-4206 (P/L) (AE)	11PB
	C-603-4203 (P/L) (AM)	11PG
	C-602-4207 (P/L) (AME)	11PH
	C-646-4203 (P/L) (AO)	11PK
	C-102-4203 (P/L) (AT)	11PJ
Sequence Code: 6	ESTB Date: 8/27/10 REV Date: 6/11/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8830
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: CIN/CDP C-600-4201/07HT required for all Source Ratings.

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	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0099	CDP: 979H, 979J
Sequence Code: 6	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC: E38A	Legacy NEC Code: 8840
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0623 (P/L) AT	CDP: 2704, 767W (AT)
	C-102-0625 (Diff Course)	736S, 9278
	C-601-9976 (P/L) AD	283D, 401R (AD)
	C-601-9977 (Diff Course)	623F, 9265
	C-602-0654 (P/L) AE	767Y, 2696 (AE)
	C-602-0655 (Diff Course)	736U, 9282
	C-602-9980 (P/L) AME	2876, 4029 (AME)
	C-602-9982 (Diff Course)	623G, 9270
	C-603-9976 (P/L) AM	4033, 293V (AM)
	C-603-9977 (Diff Course)	623J, 9271
	C-646-0655 (P/L) AO	736X, 9325 (AO)
	C-646-0642 (P/L)	265Z, 7685
Sequence Code: 6	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8841
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E3-E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-102-0622 (P/L) (AT)	CDP: 0363 (AT)
	C-601-9973 (P/L) (AD)	1181 (AD)
	C-602-0652 (P/L) (AE)	0360 (AE)
	C-602-9973 (P/L) (AME)	1200 (AME)
	C-603-9973 (P/L) (AM)	1214 (AM)
	C-646-0653 (P/L)	0339
Sequence Code: 6	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8842
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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)	CDP: 701A (AD)
	C-602-1952 (P/L) (AE)	0714 (AE)
	C-603-3501 (P/L) (AM)	701J (AM)
Sequence Code: 6	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8843
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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)	CDP: 597C, 597D, 7554 (AD)
	C-602-0855 (P/L) (AE)	568D (AE)
	C-603-9408 (P/L) (AM)	597G, 597H, 753V (AM)
	C-102-0823 (P/L) (AT)	567V (AT)
Sequence Code: 6	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8878
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8885
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	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 6305
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: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6302
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

F02A - Optimized NALCOMIS System Administrator/Analyst OMA

The Optimized NALCOMIS SA/A OMA performs SA functions using database and computer skills to support NALCOMIS at OMA. In addition to aviation other maintenance related duties the SA/A performs the following day-to-day NALCOMIS functions: Coordinates the operation and upkeep of the NALCOMIS for OMA. Ensure system security, database integrity and configuration management is maintained. Optimized NALCOMIS OMA shall utilize two-way data replication as preferred means of data movement between Optimized NALCOMIS OMA activities and Naval Aviation Logistics Data Analysis for Configuration changes, Technical Directives, Work Orders and Flight Documents.

Source Rating: AZ	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: C-555-2016 (P/L)	CDP: 436W
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6303
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

F03A - Optimized NALCOMIS Database Administrator/Analyst IMA

The Optimized NALCOMIS DBA/A is responsible for the daily upkeep of the Intermediate Maintenance Activities (IMAs) afloat and ashore maintenance databases. Performs a variety of functional processes using NTCSS Desktop II. Changes NTCSS passwords, monitors and manages print request and printer configurations, views and monitors the NTCSS System Information. Broadcast messages to NTCSS users and manages user log-on capabilities, locks and unlock user capabilities, changes NTCSS application process limits. Monitors and manages server processes and schedules and rejects jobs. Adds, edits, and deletes pre-defined jobs. Maintains system security and advises the System Administrator (SA) on matters pertaining to Optimized NALCOMIS IMA. Inputs, extracts, analyze and validates maintenance data; develops and interprets management reports, monitor input of data and the parameters for up, line reporting and related interface requirements. Performs Analysis of aviation data as directed by the AIMD officer and in support of the NAMP requirements. Principal advisor to the Data Processing System Administrator on matter pertaining to the IMA NALCOMIS maintenance database and responsible for training IMA personnel in AV-3M documentation.

Source Rating: AZ	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: C-555-2015 (P/L)	CDP: 436T
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6304
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

F04A - Advanced Radar Traffic Controller

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

Source Rating: AC	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: C-222-2022	CDP: 708L
Sequence Code: 3	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6901
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

F05A - Carrier Air Traffic Control Center Controller
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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: C-222-2012	CDP: 708M
Sequence Code: 3	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6902
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-222-2019	CDP: 708P
Sequence Code: 3	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6903
Primary Advisor: OPNAV(N98) (N96)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: C-222-2023	CDP: 475B
Sequence Code: 2	ESTB Date: REV Date: 7/1/18	NR Ind : R
Component NEC:	Related NEC:	Legacy NEC Code: 6904
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E4	Personnel Paygrades: E1-E3
Course: Mandatory	CIN: C-222-2014	CDP: 438W
Sequence Code: 6	ESTB Date: 2/8/17 REV Date: 5/29/19	NR Ind: R
Component NEC:	Related NEC: F05A	Legacy NEC Code: 6905
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date: 7/26/18	NR Ind: R
Component NEC: F04A	Related NEC:	Legacy NEC Code: 6931
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 8/31/11 REV Date: 2/20/20	NR Ind: R
Component NEC: F05A	Related NEC:	Legacy NEC Code: 6932
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining the CATCC rating as certified by an Air Traffic Control Specialist (ATCS) Examiner in accordance with qualification guidelines outlined in the NAVAIR 00-80T-114 NATOPS Air Traffic Control Manual. Submission of NAVPERS 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	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: 6937
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: NEC code will be awarded upon attaining CTO licensure as certified by a FAA CTO Examiner in accordance with FAAO 7220.1 Certification and Rating Procedures for DoD Personnel. Submission of NAVPERS 1221/6 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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-2040 (P/L)	CDP: 708V
Sequence Code: 5	ESTB Date: REV Date: 12/9/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7356
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7015 (P/L)	CDP: 628Y
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 7601
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7035 (P/L)	CDP: 554T, 568L
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7603
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-3316	CDP: 747C, 747D
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7606
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7010 (P/L)	CDP: 554R, 568H
Sequence Code: 5	ESTB Date: REV Date: 12/9/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7607
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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 NAVAIR, type commanders and local commands. Implements and supervises aviation programs and operator training. Manages the preventive maintenance system on assigned support equipment.

Source Rating: AS	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: C-500-3202	CDP: 489Y, 547V
Sequence Code: 3	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7609
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7070 (P/L)	CDP: 553K, 568T
Sequence Code: 5	ESTB Date: REV Date: 12/9/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7612
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

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

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.

Source Rating: AS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7065 (P/L)	CDP: 568S
Sequence Code: 5	ESTB Date: REV Date: 12/9/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7616
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: C-602-3307	CDP: 583A
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7617
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-7090 (P/L)	CDP: 571T, 964D
Sequence Code: 5	ESTB Date: REV Date: 12/9/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7618
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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
APPLIES TO NAVAL AIRCREWMEN OPERATOR NEC CODES: 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, sea control ships and serve in ASW Modules and Tactical Support Center (TSC). They also perfonn collateral duties in rescue and utility functions aboard multipurpose aircraft. AWs who no longer volunteer or are not qualified for flight, must convert 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 NEC codes will be assigned upon satisfactory completion of fleet readiness squadron training. Regardless of the NEC code, NAC designation may only be awarded after successful completion of operational standards prescribed by the Chief of Naval Operations.
7. These NECs are the primary means of identification for AW aircrew qualifications. Commands shall ensure submission of NAVPERS 1221/6 to PERS-4013D2 immediately upon qualification for these NECs. Request for removal of any of these NECs will be submitted to OPNAV N13 via PERS-4013D2 for final adjudication. Special emphasis must be given to the accuracy of billet coding and individual identification to provide for the assignment and/or retention of aircrew within the enlisted personnel distribution system.

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

Source Rating: AWS	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: D-050-3121 E-050-3121	CDP:17YV 17YT
Sequence Code: 4	ESTB Date: 7/27/17 REV Date:	NR Ind: R
Component NEC: G34A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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.

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

Source Rating: AW, AWR, AWS	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: C-050-0600	CDP: 6597
Sequence Code: 5	ESTB Date: REV Date: 8/24/17	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 7815
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

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

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. Prepares messages and conducts operational briefings and debriefings; performs analysis and reconstruction of tactical missions and forwards mission data package.

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

NOTE: Secret security clearance required.

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

Source Rating: AW, AWO	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: D-050-1230 (P/L)	CDP: 298H
Sequence Code: 3	ESTB Date: REV Date: 7/17/19	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 7841
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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 to support mission planning, classified material handling, and training that contributes directly to a squadron's ability to conduct tactical operations worldwide. Other duties specific to this rate include handling ordnance, and inspection of acoustic station mission equipment.

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

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

G08A - P3C Non-Acoustic Operator

Operates non-acoustic sensors in the P3C aircraft.

Source Rating: AW, AWO	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: D-050-1132 (P/L)	CDP: 298K
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 7861
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

G09A - P8-A Electronic Warfare Operator Aircrewman

Detects, analyzes, classifies, and tracks surface and subsurface contacts utilizing state-of-the-art technology. Operates RADAR, Electronic Support Measures, Identification Friend or Foe Interrogator, and Advanced Electro-Optics and Infrared Sensors. Performs aircrew duties to support mission planning, classified material handling, and training that contributes directly to a squadron's ability to conduct tactical operations worldwide. Handles ordnance and inspects electronic warfare station equipment.

Source Rating: AWO	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: D-050-1227 (P/L)	CDP: 05MW
	D-050-1228 (P/L)	05MV
	D-050-1229 (P/L)	08XS
Sequence Code: 4	ESTB Date: 10/27/11 REV Date: 7/17/19	NR Ind: N
Component NEC: 802A	Related NEC:	Legacy NEC Code: 7862
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

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	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	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
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: R
Component NEC: G02A	Related NEC:	Legacy NEC Code: 7875
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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 internal cargo transfer in support of utility and SPECWAR missions in the SH-60F/HH-60H aircraft.

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

Source Rating: AW, AWR	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: E-050-0831 (P/L) E-050-0802	CDP: 935N 929V
Sequence Code: 4	ESTB Date: REV Date: 8/24/17	NR Ind: R
Component NEC: G02A	Related NEC:	Legacy NEC Code: 7876
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: D-050-2793 (P/L)	CDP: 2048
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7886
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Commercial	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 8/24/17	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8209
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. FTS/SELRES only. Earned through commercially procured training course provided by Reserve VR Wing.
2. All Crew Chiefs attempting to attain this NEC code are required to attend mandatory commercial training course C-40 Ground School and Simulator Instruction Course from American Airlines prior to qualification.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: E-050-0414 (P/L)	CDP: 336P
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8229
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: E-050-0410 (P/L)	CDP: 958V
Sequence Code: 3	ESTB Date: REV Date: 7/29/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8235
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: R-601-2017 or R-601-2007	CDP: 633K or 5816
Sequence Code: 4	ESTB Date: REV Date: 8/24/17	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8245
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: R-050-0555 R-050-8223	CDP: 04HN 03WZ
Sequence Code: 3	ESTB Date: REV Date: 5/6/20	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8252
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: D-050-2302 (P/L) D-050-2303	CDP: 595G 595H
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8279
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

G29A - Aviation Electronic Warfare (EW) Operator

Operates EW equipment in P-3, P-8, MQ-4C, and EP-3 aircraft.

Source Rating: AWO	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: C-050-3022 (P/L)	CDP: 2123
Sequence Code: 4	ESTB Date: REV Date: 11/14/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8284
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

G30A - MQ-8B/C Mission Payload Operator (MPO)

Operates MQ-8B/C mission payload during flight.

Source Rating: AW, AWF, AWO, AWR, AWS, AWV	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Factory Training	CIN:	CDP:
Sequence Code: 4	ESTB Date: 7/15/09 REV Date: 7/17/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8367
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. NEC may be awarded through cadre training pending establishment of formal training.
2. Flight Physical must be completed prior to arrival in accordance with aero-medical reference and waiver guide and NAVMED P117.
3. Physical Qualification-Class Two Physical

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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Factory Training	CIN:	CDP:
Sequence Code: 4	ESTB Date: 7/15/09 REV Date: 8/24/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8368
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

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	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: E-050-3020 (P/L)	CDP: 2120
Sequence Code: 3	ESTB Date: REV Date: 7/17/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 9401
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: D-050-1130 (P/L)	CDP: 193N
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 9402
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

Source Rating: AW, AWR, AWS	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: D-050-3100 (P/L)	CDP: 778V
	E-050-3100 (P/L)	468T
	D-050-3102 (P/L)	778W
	E-050-3102 (P/L)	4822
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: A
Component NEC: G02A	Related NEC:	Legacy NEC Code: 7805
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: A-2D-4635	CDP: 06T8/07VH
	D-050-2200	19JB
Sequence Code: 4	ESTB Date: 2/12/18 REV Date: 7/17/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR (PMA 275)	ECM: BUPERS-32

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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: C-101-4004 (P/L)	CDP: 10UM
Sequence Code: 2	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 7836
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	ECM: BUPERS-32

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.

Source Rating: AWR	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: D-050-2502 (P/L)	CDP: 6886
	E-050-2502 (P/L)	908Q
	D-050-2510	258E
	D-050-3103	778R
	E-050-3103	4823
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC: G02A	Related NEC:	Legacy NEC Code: 7873
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: AWF	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: R-050-0402	CDP: 653Z
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8208
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

Source Rating: AWF	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: R-050-0401	CDP: 654A
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC: 802A	Related NEC: G63A	Legacy NEC Code: 8220
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E8	Personnel Paygrades: E2-E8
Course: Mandatory	CIN: E-050-0412 (P/L)	CDP: 336W
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8227
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E3-E7	Personnel Paygrades: E2-E7
Course: Mandatory	CIN: D-050-0015 (P/L)	CDP: 181H
	D-050-0012	165N
	D-050-0026 (P/L)	974M
	D-600-0601	165P
	D-050-0016	974R
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8241
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: D-050-1010	CDP: 002X
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8251
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E3-E8	Personnel Paygrades: E2-E8
Course: OJT	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 7/17/19	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8265
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: C-37 NEC earned through commercially procured training.

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	Billet Paygrades: E3-E8	Personnel Paygrades: E2-E8
Course: Mandatory	CIN: R-553-3000	CDP: 765H
Sequence Code: 3	ESTB Date: REV Date: 7/17/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8278
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

HXXX - INFORMATION WARFARE (CYBER) COMMUNITY 7 CAREER FIELD

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
Course: Mandatory	CIN: A-260-0034	CDP: 406X
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

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 A-260-0100	CDP: 07UE, 07UG 20DS
Sequence Code: 4	ESTB Date: REV Date: 4/2/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 2379
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

NOTES:
1. Advanced Technical Field (ATF) accession Sailors who completed IT Block Learning (CIN: A-150-1200) must also complete CIN: A-260-0100 to earn this NEC code.
2. Last reviewed during “IT TRR” completed 4/2/20.

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/1P networking to maintain a complex array of government and commercial software. Administers multiple databases; remotely coordinates configuration of distant systems; manages user accounts, permissions and profiles; and assists users. Monitors and troubleshoots 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.IM, 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	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-00-2001	CDP: 0237
Sequence Code: 7	ESTB Date: 8/18/14 REV Date: 8/14/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2770
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

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

   a. Network Operations (NetOps) Specialization
   b. Computer Defense Specialization
   c. Adversarial Techniques Specialization
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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-531-0045	CDP: 11FV, 6252
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: 746A	Related NEC:	Legacy NEC Code: 2781
Primary Advisor: OPNAV (N2/ N6)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

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	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E8
Course: Factory Training	CIN: A-150-1855	CDP: 11SF, 11SG, 19PX, 19R8, 19R9, 20W1
Sequence Code: 3	ESTB Date: 4/11/14 REV Date: 9/9/19	NR Ind: N
Component NEC: 746A	Related NEC: H08A	Legacy NEC Code: 2792
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N1/N7)	ECM: BUPERS-32

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.

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	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: PQS	CIN:	CDP:
Sequence Code: 4	ESTB Date: 3/16/16 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9319
Primary Advisor: COMTENTHFLT (N13)	Technical Advisor: NAVIFOR (N13/N7)	ECM: BUPERS-32

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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: 2/4/16 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9318
Primary Advisor: COMTENTHFLT	Technical Advisor: NAVIFOR (N13/N7)	ECM: BUPERS-32

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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-531-0451	CDP: 07PV
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9308
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N1)	ECM: BUPERS-32

NOTE: NEC code is awarded upon successful completion of the Foundations and Operations course of instruction, completion of the basic operator JQS, and successful demonstration of operational proficiency through real world scenarios. The FLTCYBERCOM ION Program Manager (N133) will be the point of contact to verify requirements completion.

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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 3/25/14 REV Date: 2/20/20	NR Ind: R
Component NEC: 785B	Related NEC:	Legacy NEC Code: 9326
Primary Advisor: OPNAV (N2N6F3)	Technical Advisor: NAVIFOR N13	ECM: BUPERS-32

NOTES:
1. Must possess a current and valid Top Secret/Sensitive Compartmented Information security clearance.
2. Individual must achieve certification in their technical field and verified through the ION program manager at U.S. Fleet Cyber Command.
3. Upon 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.

Source Rating: CTN	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 3/25/14 REV Date: 2/20/20	NR Ind: R
Component NEC: 785B	Related NEC:	Legacy NEC Code: 9327
Primary Advisor: OPNAV (N2N6F3)	Technical Advisor: NAVIFOR N13	ECM: BUPERS-32

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.

Source Rating: CTN	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 3/25/14 REV Date: 2/20/20	NR Ind: R
Component NEC: 785B	Related NEC:	Legacy NEC Code: 9328
Primary Advisor: OPNAV (N2N6F3)	Technical Advisor: NAVIFOR N13	ECM: BUPERS-32

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/IAT/ISSM Information Systems Technician
Operates and performs system monitoring, fault isolation and circuit restoration of communications suites in the High Frequency (HR), Ultra High Frequency (UHF), Super High Frequency (SHF), and Extremely High Frequency (EHF) spectrums afloat and ashore, to include; communication transmission paths, Input/output (I/O) devices, cryptographic devices, interface equipment and patch panels, familiarization with signals, multiplexers, modulators/demodulators, applicable system transmitters, receivers, couplers and antenna subsystems. Maintains signal quality through the use of circuit and system performance tests, determines point of signal distortion and identifies preventive or Corrective Action (CA) as requires. Prepares and maintains all necessary circuit, watch to watch, operational and administrative logs, and ensures accountability of cryptographic publications and associated materials. Principle advisor to the Commanding Officer (CO) for all Information Security (INFOSEC) matters. Ensures that INFOSEC program requirements are met. Implements risk management program required by the Department of Navy (DON). Verifies that appropriate security tests are conducted and documented. Ensures the accreditation support documentation is developed and maintained and verify that each IS meets security specifications for an acceptable level of risk. Reviews the accreditation plan and reaccreditation activities. Ensures that proposed system changes are reviewed and that implemented modifications do not adversely impact the security of the system. Ensures that IS users' activities are monitored to verify compliance with security policies and procedures. Coordinates regularly with Information Systems Security Officers (ISSO) and Network Security Officers (NSO), who provide system-level INFOSEC support within the confines of ISSM's area of responsibility. Maintains an activity INFOSEC Plan (ISSP) and ensures the development of System Security Plans (SSP) for systems that contain sensitive information. Administers and secures commercial network operating systems within the functional areas of configuration, systems, and performance management. Manages and maintains internet site networks, to include but not limited to Microsoft (MS) Exchange and Windows Operating Systems (WOS). 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.

Source Rating: IT	Billet Paygrades: E6	Personnel Paygrades: E6-E7
Course: Mandatory	CIN: A-260-0061 A-531-0009	CDP: 07UE, 07UF, 07UG 04KL, 04KM, 04KN, 04KP, 04KR, 7440, 7443
Sequence Code: 3	ESTB Date: 4/19/17 REV Date: 7/1/18	NR Ind: R
Component NEC: H04A and 741A	Related NEC:	Legacy NEC Code: 98LB
Primary Advisor: OPNAV (N96)	Technical Advisor: LCSRON-ONE	ECM: BUPERS-32

NOTES:
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 obliserved 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.

Source Rating: CTN	Billet Paygrades: E6-E7	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-531-0031	CDP: 00C7
Sequence Code: 3	ESTB Date: 12/11/19 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6)	Technical Advisor: NAVIFOR (N1/7)	ECM: BUPERS-32

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.

Source Rating: CTN	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-531-4421	CDP: 19KU
Sequence Code: 3	ESTB Date: 12/4/18 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6F3)	Technical Advisor: NAVIFOR (N1/N7)	ECM: BUPERS-32

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.

Source Rating: CTN	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-531-4415	CDP: 19JN
Sequence Code: 3	ESTB Date: 12/4/18 REV Date: 2/20/20	NR Ind: A
Component NEC: H30A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6F3)	Technical Advisor: NAVIFOR (N1/N7)	ECM: BUPERS-32

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.

Source Rating: CTN	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-531-4417	CDP: 19JU
Sequence Code: 3	ESTB Date: 12/4/18 REV Date: 2/18/20	NR Ind: A
Component NEC: H30A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6F3)	Technical Advisor: NAVIFOR (N1/N7)	ECM: BUPERS-32

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

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:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6422
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-preserves engine and gearbox assemblies.

Source Rating: AD	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-601-3011 (P/L)	CDP: 988N
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6423
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-3451	CDP: 436Y
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6424
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 Jet Engine Third Degree/IMA Mechanic
Performs third degree maintenance at the Intermediate Level on the F414-GE-400 Turbofan Jet Engine in support of the F/A-18E/F aircraft. Support of this engine includes but is not limited to the troubleshooting of various electronic control components including the Full Authority Digital Electronic Control (FADEC), removal and replacement of various engine modules, and required inspections.

Source Rating: AD	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-601-4866	CDP: 436U, 436V
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6425
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-601-4408	CDP: 548G, 985E
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6426
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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: M-601-3090 (P/L)	CDP: 217X
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 6428
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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-130-9057 (P/L)	CDP: 552T
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6526
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: PQS	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 10/15/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6527
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC code is awarded upon completion of NAVEDTRA approved PQS and command submission of BUPERS Form 1221.
2. 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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-3596	CDP: 420W
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6529
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: OJT	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6534
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-4051	CDP: 296B, 296C
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6605
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-4054	CDP: 495T, 1161
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6607
Primary Advisor: OPNAV(N98)	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.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-4052	CDP: 291X, 420G, 487C
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6609
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6152 (P/L)	CDP: 557J
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6611
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

I17A - Aircraft TACAN/Radio Navigation Equipment IMA Technician
Performs intermediate level maintenance on aircraft TACAN and Radio Navigation Equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6113 (P/L)	CDP: 558L, 563T
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6612
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: M-102-6412 (P/L)	CDP: 217G
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6613
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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)

Source Rating: AT	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-3486	CDP: 483B
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6621
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-198-0600 (P/L)	CDP: 563W, 0306
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6631
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

I21A - Aircraft Communications Security Devices Equipment IMA Technician
Performs intermediate level maintenance on aircraft communications security devices equipment.

Source Rating: AT	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6122 (P/L)	CDP: 0321, 632W
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6634
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-102-3051	CDP: 183G
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6635
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-6119 (P/L)	CDP: 565X
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6648
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

I24A - APS-115 Search Radar IMA Technician
Performs intermediate level maintenance on APS-115 Search Radar system ARAs.

Source Rating: AT	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-102-6097 (P/L)	CDP: 948L
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6664
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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, ETV, ITS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-198-2012 (P/L)	CDP: 0384
Sequence Code: 5	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6673
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-198-6110 (P/L)	CDP: 10HL, 10HM
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC: I46A or I33A or I34A or I35A	Related NEC:	Legacy NEC Code: 6705
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-4873	CDP: 549W
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6713
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E5	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: C-198-3021	CDP: 420K
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 6716
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-102-6171 (P/L)	CDP: 948N
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6717
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: C-198-2011	CDP: 592G
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC: I25A	Related NEC:	Legacy NEC Code: 6718
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-6104 (P/L)	CDP: 6069, 632V
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6723
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-6105 (P/L)	CDP: 6071, 632U
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6724
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-6111(P/L)	CDP: 10HN
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC: I46A, I33A	Legacy NEC Code: 6725
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: OJT	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 7131
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-602-3517	CDP: 773W
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 7133
Primary Advisor: OPNAV(N98)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: OJT	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7136
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Awarded through OJT while assigned to an Aircraft Intermediate Maintenance Department
2. Last reviewed during “NAVMAC Periodicity Review” completed 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.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-3019	CDP: 485U
Sequence Code: 5	ESTB Date: REV Date: 12/9/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7137
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-3126	CDP: 10VX, 6056
Sequence Code: 5	ESTB Date: REV Date: 12/9/19	NR Ind: A
Component NEC:	Related NEC: I37A	Legacy NEC Code: 7140
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: AE, AT	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-150-3010	CDP: 0510
Sequence Code: 5	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7173
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 8/24/17.

I43A - Helicopter ASE/AFCS (IMA) Technician
Performs intermediate level maintenance on automatic stabilization equipment and automatic flight control systems in support of H-1, H-3, H-46, H-53, and H-60 helicopters.

Source Rating: AE	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-5056 (P/L)	CDP: 3251
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7144
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: AE	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: OJT	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 7175
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. Six months OJT required for award of this NEC code. Submit NAVPERS 1221/6 with Commanding Officer's endorsement to PERS-4013D2.
2. Last reviewed during "NAVMAC Periodicity Review" completed 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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-602-3869	CDP: 119X, 493X
Sequence Code: 5	ESTB Date: REV Date: 12/9/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 7184
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-198-6102 (P/L)	CDP: 556W, 960U
Sequence Code: 5	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Relate NEC:	Legacy NEC Code: 6704
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: E-602-4011	CDP: 644R
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7213
Primary Advisor: OPNAV (N88)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-690-3210 (P/L)	CDP: 06YK, 08U9
	and	and
	C-602-4869	04TA, 08U8
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC: I50A	Legacy NEC Code: 7227
Primary Advisor: (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-690-3213	CDP: 12W2, 12W3
	C-690-3212	06V6, 08U7
Sequence Code: 4	ESTB Date: REV Date: 8/24/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 7226
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-603-3868	CDP: 1213, 493Z
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7232
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

JXXX - INFORMATION WARFARE (METEOROLOGY/OCEANOGRAPHY) COMMUNITY & CAREER FIELD

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: 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.

KXXX - INFORMATION WARFARE (INTELLIGENCE) COMMUNITY & CAREER FIELD

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:	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 image activities that are of significant military, civilian, industrial, infrastructure, and environmental importance to decision makers and warfighters; use soft-copy imagery interpretation and manipulation skills to identify adversary disposition and location; 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, HLZs, 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.

Source Rating: IS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-242-1348	CDP: 19RM
Sequence Code: 4	ESTB Date: REV Date: 9/9/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3910
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV (N2/N6)	ECM: BUPERS-32

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

Source Rating: Rating: IS	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: J-244-0944	CDP: 0447
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3913
Primary Advisor: OPNAV (N2N6)	Technical Advisor: OPNAV (N2/N6)	ECM: BUPERS-32

NOTES:

1. Waiver requests from non-IS personnel will be considered on a case by case basis for individuals with relevant qualifications (such as foreign language proficiency) or prior experience in view of personnel requirements which may exist at the time of request.
2. TS/SCI security clearance required.

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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: E-242-1001	CDP: 14HP
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC: K10A	Related NEC:	Legacy NEC Code: 3923
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAWDC	ECM: BUPERS-32

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 to the Tomahawk Strike and Fleet Mission Planning Cells (TSMPC) and the Maritime Component Commander (MCC). Processes and performs analysis of digital imagery data using the targeting and navigation toolset and the common geopositioning services in support of TLAM terminal navigation products: digital scene matching area correlator, vertical update point, and digital elevation matrix needed for TLAM cruise missile mission planning.

Source Rating: IS	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: S-121-2002	CDP: 642U, 642X
Sequence Code: 4	ESTB Date: 9/29/14 REV Date: 11/18/19	NR Ind: A
Component NEC: K23A	Related NEC:	Legacy NEC Code: 3927
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: OPNAV (N96)	ECM: BUPERS-32

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. Must be able to view stereoscopic imagery.
3. Requalification/recertification or "loss of currency" training requirements for individuals who fall out of certification will be determined by Cruise Missile Support Activity (CMSA) through formal evaluation to assess the degree and scope of training required for each individual. Loss of currency corrective actions listed below requires CMSA Commanding Officer approval:

a. Out of currency 181 days to two years requires the individual to successfully complete a formal practical evaluation as required for recertification. Recertification training timeline range from one to three weeks (15 training days) and is dependent upon the individual's performance during CMSA formal evaluation.

b. Out of currency by more than two years requires complete CMSA level retraining and recertification. Recertification training timeline is approximately five weeks (25 training days).

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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-243-1344	CDP: 19RK, 19RN
Sequence Code: 4	ESTB Date: 3/12/19 REV Date:	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.

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	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-232-4413	CDP: 19JP
Sequence Code: 4	ESTB Date: 3/28/19 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6)	Technical Advisor: TENTH FLT (N2)	ECM: BUPERS-32

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

K38A - Joint Targeting School (JTS) Graduate

Conducts integration, prioritization, and synchronization of joint plans, operations, and intelligence in the execution of the Combatant Commander or Joint Task Force Commander's operational objectives throughout the Joint Targeting Cycle; performs basic weaponeering of air-to-surface and surface-to-surface munitions to achieve desired effects against a variety of target types; certified as the Joint Battle Damage Assessment (BDA) and Collateral Damage Estimate (CDE) Analyst.

Source Rating: IS	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-3A-0003	CDP: 4903
	S-3A-0004	4904
	S-3A-0005	4902
	S-3A-0006	4901
	S-3A-4905	05YG
Sequence Code: 8	ESTB Date: 6/9/20 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAWDC (N2)	ECM: BUPERS-32

NOTES:

1. Must possess a Top Secret/Sensitive Compartmented Information security clearance.
2. Member must submit Commanding Officer's recommendation and the JTS (S-3A-003) course curriculum completion certificates utilizing NAVPERS Form 1221/6 to BUPERS-4013 to be awarded this NEC code.

K39A - Target Development Analyst

Develops targets to the basic and intermediate levels of target development per requirements for vetting and are familiar with data basing techniques and standards for Electronic Target Folders.

Source Rating: IS	Billet Paygrades:	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 6/9/20 REV Date:	NR Ind: A
Component NEC: K38A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAWDC (N2)	ECM: BUPERS-32

NOTES:

1. Must possess a Top Secret, Sensitive Compartmented Information, Talent Keyhole, Gamma, Human Intelligence Control System Public Key Infrastructure certificates, and register in AGILE (Secret Internet Protocol Router Network or Joint Worldwide Intelligence Communications System).
2. Member must submit Commanding Officer's recommendation and JITD course completion certificate utilizing NAVPERS Form 1221/6 to BUPERS-4013 to be awarded this NEC code.

K40A - U.S. Navy (USN) Targeting Specialist
Conducts all phases of target planning and related activities in support of targeting operations and objectives throughout the Joint Targeting Cycle; performs advanced weaponeering of air-to-surface and surface-to-surface munitions to achieve desired effects against a variety of target types. The USN Targeting Specialist is recognized as the subject matter expert for naval targeting and weaponeering.

Source Rating: IS	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 6/9/20 REV Date:	NR Ind: A
Component NEC: K38A, K39A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAWDC (N2)	ECM: BUPERS-32

NOTES:
1. Must possess a Top Secret, Sensitive Comparted Information, Talent Keyhole, Gamma, and Human Intelligence Control System security clearance.
2. Member must possess both Component NECs and have completed the following prerequisites to earn this NEC code:

a. Served or serving in a Strike Warfare Intelligence Analyst, Target Intelligence Analyst, or Targeteer billet afloat or ashore. Sailors who have not had the opportunity to serve in the capacity of a Targeteer may request a waiver through Commanding Officer, Naval Reserve NAWDC; or Officer in Charge, FID with demonstrated understanding of operational concepts to NAWDC N2 or his/her specified delegates for final approval.

b. Trainee must complete a full at-sea deployment unless schedule and/or PRD do not permit. COMPTUEX may only fulfill this requirement with prior program coordinator approval.

c. Member must complete the NAWDC JQR for Targeting Officer qualification (NAWDCINST 1500.3).

3. Member must submit Commanding Officer's recommendation, approved waiver (if any), all course completion certificates, and verification of the above requirement utilizing NAVPERS Form 1221/6 to BUPERS-4013 to be awared this NEC.

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	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-050-1500	CDP: 806E
	B-305-1100	13T1
	A-2D-4635	07VH, 06T8
	D-050-3110	04Y5
Sequence Code: 4	ESTB Date: REV Date: 7/23/19	NR Ind: R
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8401
Primary Advisor: BUMED M00C5	Technical Advisor: NMETLS, CNAF	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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: B-300-0001 B-300-0005	CDP: 845E 475W
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 8402
Primary Advisor: BUMED M00C5	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 guerilla hospitals and field evacuation nets; coordinates the operation, interaction and activities of medical facilities within an area of operation; manages battalion size troop medical clinic and its administrative and logistical support. Establishes a base stock of medical supplies and equipment, internal or external procurement, storage, security and distribution of those items. Coordinates veterinary training and support for area requiring animal transportation or use. When directed, conducts operational and intelligence planning, preparation and execution of detachment missions. Maintains Special Operation Forces Advanced Tactical Practitioner (ATP) requirements to include Tactical Combat Casualty Care (TCCC), USSOCOM Tactical Trauma Protocols, Basic Life Support (BLS), Prehospital Professionals (PEPP), Advanced Cardiac Life Support (ALCS), and Tactical Medical Emergencies Protocols (TMEPS). Provides health care as a non-physician health care provider when assigned to fixed medical treatment facilities.

Source Rating: HM	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: B-300-2413	CDP: 10M0
Sequence Code: 3	ESTB Date: REV Date: 1/24/20	NR Ind: R
Component NEC: L03A	Related NEC:	Legacy NEC Code: 8403
Primary Advisor: BUMED M00C5	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/combatants. Coordinates and performs medical evacuation procedures. Ensures observance of field sanitary measures and preventive measures in specialized warfare. Conducts first aid and health education training programs.

Source Rating: HM	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: B-300-0013 B-300-0213 B-300-0113	CDP: 3387, 3388 02FJ, 02FL 02FG, 02FH
Sequence Code: 7	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8404
Primary Advisor: BUMED M00C5	Technical Advisor: TECOM	ECM: BUPERS-32

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	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: B-300-0017	CDP: 3301
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8406
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-322-0010	CDP: 3374
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8407
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-300-0118 B-300-0218	CDP: 07S0 07S1
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8408
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 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	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: B-305-0011	CDP: 02C6
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: 805A	Related NEC:	Legacy NEC Code: 8409
Primary Advisor: BUMED M00C5	Technical Advisor: NMETLC	ECM: BUPERS-32

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.

Source Rating: HM	Billet Paygrades: E4-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: B-326-1000	CDP: 06XY
Sequence Code: 1	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8410
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

L09A - Nuclear Medicine Technologist

Operates and maintains Gamma camera imaging equipment, devices and probes. Administers radiographarmaceuticals via injection, inhalation, and orally to create images of organs and organ systems, to study body functions and flow, analyze biological specimens, and treat disease. Performs diagnostic imaging and radiopharmaceuticals administration through the safe and effective dosing and dosages of radioactive material and assists the medical officer in preparing and conducting various radioactive therapies.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-311-0016 B-311-0015	CDP: 09AY, 468E, 468F 08WI
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8416
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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).

Source Rating: HM	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: B-300-0019	CDP: 05E6
Sequence Code: 3	ESTB Date: REV Date: 4/2/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 8425
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

NOTE: Must continuously maintain Independent Duty Corpsman certifications to retain NEC. Recommendations for removal of NEC will be made by the Commanding Officer based on evaluation of the member's operational proficiency and professional performance in accordance with the provisions of OPNAVINST 6400.1 (series). Send NAVPERS 1221/6 to PERS-4013D2 via the ECM (BUPERS-32).

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-0011	CDP: 385G
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: L03A	Related NEC:	Legacy NEC Code: 8427
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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, potable water systems, solid waste and waste water disposal sites and systems, vehicles, and transport containers. Conducts bacteriological analysis of food, water, and ice samples. Conducts epidemiological investigations and reporting (Disease Alert Report), interviews and counsels sexually transmitted disease and other communicable disease patients and contacts, administers mass immunization programs and conducts nosocomial infection control programs. Applies statistical methods to human mortality, morbidity, and demographic studies. Conducts disease vector (insects, rodents, parasites, and other pests) control programs (surveys, identification, and pesticide application and other control measures). Is proficient in all aspects of field sanitation (water and food service sanitation, waste disposal, and vector control). Is proficient in medical and sanitary aspects of CBR defense. Under the supervision of occupational health professionals, assists in ensuring that work place environments are healthful, consistent with existing NAVOSH standards, through surveillance of the work place and medical surveillance of personnel exposed to work place hazards. Instructs medical and nonmedical personnel in preventive medicine, industrial hygiene, environmental health and occupational health matters.

Source Rating: HM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: B-322-0012	CDP: 07LE
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8432
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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	Billet Paygrades: E3-E5	Personnel Paygrades: E1-E5
Course: Mandatory	CIN: B-311-0123	CDP: 09B5
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8434
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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.

Source Rating: HM	Billet Paygrades: E4-E5	Personnel Paygrades: E3-E6
Course: OJT	CIN:	CDP:
Sequence Code: 5	ESTB Date: 5/9/11 REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 8437
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-327

NOTES:

1. New Assignments: Individual must complete the prescribed On-the-Job-Training (OJT) program and submit a Command endorsed NAVPERS 1221/6 to PERS-4013C.

   or

   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.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-313-2126 B-313-2226	CDP: 12E3 12E4, 12E5
Sequence Code: 5	ESTB Date: 8/12/14 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8447
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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.

Source Rating: HM	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Commercial	CIN:	CDP:
Sequence Code: 5	ESTB Date: 7/17/14 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8450
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

NOTES:

1. Mammography Technologists maintain certification through the American Registry of Radiologic Technologists (ARRT) and the Food and Drug Administration. NEC may be assigned to Advanced X-ray Technicians (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 photodosimetric duties.

Source Rating: HM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-313-0226 B-313-0126	CDP: 07LN, 07LT,07LU 06Z8
Sequence Code: 3	ESTB Date: REV Date: 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

Assists medical officer in performing electroencephalography tests. Prepares patients for examinations. Assists in operating electroencephalography equipment to examine patients for organic brain diseases. Records test results. Maintains electroencephalography equipment.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-0043	CDP: 07LB
Sequence Code: 4	ESTB Date: REV Date: 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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	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	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	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	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: B-303-0152	CDP: 07GV
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8467
Primary Advisor: BUMED M00C5	Technical Advisor: NMETLC	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: B-312-0025	CDP: 07LF
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8482
Primary Advisor: BUMED M00C5	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-301-0133 B-301-0233	CDP: 07LV 07LW, 07LX, 07LY
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8483
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 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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-302-0046	CDP: 07LK
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8485
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

L25A - Urology Technician

Assists medical officer in examination and treatment of urological patients. Operates and maintains urological equipment and appliances. Performs urological X-ray procedures. Prepares supplies, instruments, dressings, and utensils for urological operations and treatments.

Source Rating: HM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-0025	CDP: 07LJ
Sequence Code: 4	ESTB Date: 1/1/1970 REV Date: 3/1/18	NR Ind: R
Component NEC: L23A	Related NEC:	Legacy NEC Code: 8486
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-300-0141	CDP: 3573
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8489
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	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	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: A-433-0020	CDP: 3365
Sequence Code: 4	ESTB Date: REV Date: 11/21/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8493
Primary Advisor: BUMED M00C5, OPNAV (N97)	Technical Advisor: BUMED M9, NMETLC, NAVSEA 05H (HSI), NAVSEA 00C (SUPSALV)	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 (N093/M9) 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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: B-300-0022 A-433-0020	CDP: 05E9 3365
Sequence Code: 3	ESTB Date: REV Date: 4/2/20	NR Ind: R
Component NEC: L27A	Related NEC:	Legacy NEC Code: 8494
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	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:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8496
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	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	CIN: B-311-0039	CDP: 07LH
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8503
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	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	CIN: B-311-1018 B-311-2018	CDP: 07LZ 07M0, 07M1, 07M2, 12AR
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC: L30A	Legacy NEC Code: 8506
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 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	CIN: B-300-0423	CDP: 07GW
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8541
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 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	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: B-300-3300	CDP: 05JR
Sequence Code: 1	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8701
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: B-330-0038	CDP: 312M, 312L
Sequence Code: 3	ESTB Date: REV Date: 1/24/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8708
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) maintains current and unrestricted state/territorial licensure, and 3) is a dental hygienist 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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: B-331-0016	CDP: 06XV
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8752
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: B-331-0017	CDP: 07LG
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: L36A	Related NEC:	Legacy NEC Code: 8753
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 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	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: B-331-0018	CDP: 3314
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: L37A	Related NEC:	Legacy NEC Code: 8765
Primary Advisor: BUMED M00C5	Technical Advisor: NMETC	ECM: BUPERS-32

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
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.

Source Rating: AB, ABE, ABF, ABH, AD, AE, AF, AM, AO, AS, AT, AV, AZ, BM, BU, CM, CS, CSS, CU, DC, EM, EN, EO, EOD, EQ, ETV, FC, FCA, GM, GS, GSM, HM, HT, IC, LS, LSS, MC, MM, MMA, MR, MT, OS, PR, PS, QM, RS, STG, SW, YN	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: OJT	CIN:	CDP:
Sequence Code: 7	ESTB Date: 10/11/16 REV Date: 10/15/19	NR Ind: R
Component NEC: L39A	Related NEC:	Legacy NEC Code: 8419
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 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	CIN: A-433-0019	CDP: 2040
Sequence Code: 1	ESTB Date: REV Date: 7/5/18	NR Ind: R
Component NEC: M1DV	Related NEC:	Legacy NEC Code: 5341
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 00C	ECM: BUPERS-32

NOTES:
1. Minimum 6 years experience in NEC code M1DV.
2. Minimum 2 years from date of frocking to E7.
3. Last reviewed during “NAVMAC Periodicity Review” completed 7/5/18.

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:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-431-0056	CDP: 444H
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5309
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

NOTES:
1. Awarded only to Naval Reserve personnel
2. Source Ratings are in accordance with MILPERSMAN 1220-100
3. Last reviewed during “NAVMAC Periodicity Review” completed 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	CIN: A-431-0083	CDP: 233U
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5330
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

M02A - Basic EOD Technician

Performs EOD operations to include: location, identification, render safe and disposal of foreign and domestic ordnance including conventional, chemical, biological, nuclear, underwater, and improvised explosive devices enabling access during military operations in support of Carrier and Expeditionary Strike Groups, Mine Countermeasures, Naval Special Warfare, and Army Special Forces. Performs location and identification of Weapons of Mass Destruction (WMD) and Improvised WMD. Provides training and assistance for military, federal, state, and local civilian law enforcement agencies in ordnance related Anti-Terrorism/Force Protection procedures. Supports and conducts ordnance related intelligence collection and counter-terrorism operations. Operates, maintains, and repairs specialized EOD and combat equipment. Maintains required forms, records, correspondence and files. Duties include performing open and closed circuit SCUBA diving, explosive demolitions, parachuting, tactical delivery, and extraction by unconventional insertion methods and small arms proficiency.

Source Rating: EOD	Billet Paygrades: E4-E5	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-431-0133	CDP: 04TR
Sequence Code: 1	ESTB Date: REV Date: 9/24/18	NR Ind: R
Component NEC: M01A	Related NEC:	Legacy NEC Code: 5333
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

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.

Source Rating: EOD	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E6
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 11/26/19	NR Ind: R
Component NEC: M02A	Related NEC:	Legacy NEC Code: 5335
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

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.

Source Rating: EOD	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/26/18	NR Ind: R
Component NEC: M03A	Related NEC:	Legacy NEC Code: 5337
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

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.

Source Rating: EOD	Billet Paygrades:	Personnel Paygrades: E5-E9
Course: OJT, JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: 5/3/13 REV Date: 7/1/18	NR IND: A
Component NEC:	Related NEC:	Legacy NEC Code: 5338
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA (05)	ECM: BUPERS-32

NOTES:

1. Member must complete prescribed On-the-Job Training (OJT); complete training and task certifications as outlined in the EOD Exploitation Specialist Job Qualification Requirement (JQR); and complete the Navy Explosive Ordnance Disposal Technology Division (NAVEODTECHDIV) Readiness and Training Department's CEXC Platoon pre-deployment training cycle.
2. Top Secret/Sensitive Compartmented Information (TS/SCI) security clearance eligible.

M06A - Ordnance Clearance Diver

Performs diving, demolition, ordnance location and identification, EOD detachment operational support, and staff and logistics support to EOD commands.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-431-0056	CDP: 444H
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC: M00A and 840A	Related NEC:	Legacy NEC Code: 5339
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

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.

Source Rating: ND	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-433-0025	CDP: 2082
Sequence Code: 1	ESTB Date: REV Date: 7/5/18	NR Ind: R
Component NEC: M2DV	Related NEC:	Legacy NEC Code: 5342
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 00C	ECM: BUPERS-32

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.

Source Rating: ND	Billet Paygrades: E4-E5	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-433-0022	CDP: 6418
Sequence Code: 1	ESTB Date: REV Date: 7/5/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5343
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 00C	ECM: BUPERS-32

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.

NXXX - 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.

Source Rating: ETN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0012	CDP: 1306, 203K
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N91T	Related NEC: N23O	Legacy NEC Code: 3353
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

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 continued assignment in senior nuclear power supervisor positions but who are still considered satisfactory nuclear propulsion plant operators. Those personnel who are unable to regain the necessary proficiency and leadership skills for supervisory positions should be considered for removal of their nuclear operator NEC 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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N13O	Related NEC: N23S	Legacy NEC Code: 3363
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Specified Watchstations are: E-5/6: Reactor Operator and Shutdown Reactor Operator; E-7/8/9: Engineering Watch Supervisor.

N14O - Submarine Nuclear Propulsion Plant Operator - Electrical
Operates and performs organizational level maintenance on electrical systems for submarine nuclear propulsion plants.

Source Rating: EMN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0013	CDP: 1312, 203L
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N91T	Related NEC: N24O	Legacy NEC Code: 3354
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

N14S - Submarine Nuclear Propulsion Plant Supervisor - Electrical

Source Rating: EMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N14O	Related NEC: N24S	Legacy NEC Code: 3364
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Specified Watchstations are: E-5/6 - Electrical Operator and Shutdown Reactor Operator; E-7/8/9 - Engineering Watch Supervisor.

N15O - Submarine Nuclear Propulsion Plant Operator - Mechanical
Operates and performs organizational level maintenance on mechanical systems for submarine nuclear propulsion plants.

Source Rating: MMN	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0014	CDP: 1318, 203M
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N91T	Related NEC: N25O	Legacy NEC Code: 3355
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

N15S - Submarine Nuclear Propulsion Plant Supervisor - Mechanical

Source Rating: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N15O	Related NEC: N25S	Legacy NEC Code: 3365
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Specified Watchstations are: E-5/6 - Engine Room Supervisor and Shutdown Roving Watch; E-7/8/9 - Engineering Watch Supervisor.

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0015	CDP: 1324, 203N
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N15O	Related NEC: N25O, N26O	Legacy NEC Code: 3356
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

N16S - Submarine Nuclear Propulsion Plant Supervisor - Engineering Laboratory Technician

Source Rating: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N16O	Related NEC: N26S	Legacy NEC Code: 3366
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

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

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	CIN: A-661-0012	CDP: 1306, 203K
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N91T	Related NEC: N13O	Legacy NEC Code: 3383
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

N23S/N24S/N25S/N26S - Surface Ship Nuclear Propulsion Plant Supervisors

Fully qualified by virtue of seniority, experience and demonstrated proficiency (including specified watchstation qualification) to supervise the operation and maintenance of surface ship nuclear propulsion plants.

NOTES:

1. Assigned upon recommendation by the Commanding Officer to Petty Officer Second Class and above who have completed 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 donot 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 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 Series 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 change 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 N2XO 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 Pay Grades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N23O	Related NEC: N13S	Legacy NEC Code: 3393
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Specified Watch stations are; E-5/6: Reactor Operator and Shutdown Reactor Operator; E-7/8/9: Engineering watch Supervisor or Propulsion Plant Watch Supervisor

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0013	CDP: 1312, 203L
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N91T	Related NEC: N14O	Legacy NEC Code: 3384
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

N24S - Surface Ship Nuclear Propulsion Plant Supervisor - Electrical

Source Rating: EMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N24O	Related NEC: N14S	Legacy NEC Code: 3394
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Specified watchstations are; E5/6: Electrical Operator and Shutdown Reactor Operator; E7/8/9: Engineering Watch Supervisor or Propulsion Plant Watch Supervisor.

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0014	CDP: 1318, 203M
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N91T	Related NEC: N51Z, N15O	Legacy NEC Code: 3385
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

N25S - Surface Ship Nuclear Propulsion Plant Supervisor - Mechanical

Source Rating: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N25O	Related NEC: N15S	Legacy NEC Code: 3395
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Specified Watchstations are: E-5/6: Chief Reactor Watch and Shutdown Roving Watch or Chief Machinery Operator and Shutdown Roving Watch on CVNs; E-7/8/9: Engineering Watch Supervisor or Propulsion Plant Watch Supervisor.

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-661-0015	CDP: 1324, 203N
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N25O	Related NEC: N16O	Legacy NEC Code: 3386
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

N26S - Surface Ship Nuclear Propulsion Plant Supervisor - Engineering Laboratory Technician

Source Rating: MMN	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: N26O	Related NEC: N16S	Legacy NEC Code: 3396
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

NOTE: Specified watchstations are: E-5/6: Engineering Laboratory Technician and the following: Chief Reactor Watch or Chief Machinery Operator and Shutdown Roving Watch on all CVNs; E-7/8/9: Engineering Watch Supervisor or Propulsion Plant Supervisor.

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	Billet Paygrades: E7	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-661-0030	CDP: 04Z4, 06XT
Sequence Code: 2	ESTB Date: 11/21/17 REV Date: 9/20/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N133D)	Technical Advisor: NAVSEA	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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3301
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 08	ECM: OPNAV (N133D)

NOTES:
1. NEC code awarded via completion of approved qualification process administered by USE and NAE with final screening and approval by Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Program Manager (OPNAV (N133D).
2. Personnel must hold N23S, N24S, N25S, and N26S.

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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3302
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 08	ECM: OPNAV (N133D)

NOTES:
1. NEC code awarded via completion of approved qualification process administered by USE and NAE with final screening and approval by Deputy Chief of Naval Operations (MPT&E), Nuclear Enlisted Program Manager (N133D).
2. Personnel must hold 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	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-623-0132	CDP: 09SO, 321P
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC: N53Z, 766A, 752B	Legacy NEC Code: 4641
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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: 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: 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: REV Date: 9/20/18	NR Ind: N
Component NEC: N13O or N14O or N15O or N16O or N13S or N14S or N15S or N16S	Related NEC: N23O, N24O, N25O, N26O, 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	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:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 9/20/18	NR Ind: N
Component NEC: N23O or N24O or N25O or N26O or N23S or N25S or N26S	Related NEC: N51Z, N13O, N14O, N15O, N16O, N59X, N13S, N14S, N15S, N16S	Legacy NEC Code: 3389
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N133D)

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:	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-661-8888	CDP: 4045
Sequence Code: 1	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9901
Primary Advisor: OPNAV (N97)	Technical Advisor: Pers-403F	ECM: OPNAV (N13)

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-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-431-0129	CDP: 749T, 750W
Sequence Code: 3	ESTB Date: 2/22/16 REV Date: 7/1/18	NR Ind: R
Component NEC: O26A	Related NEC:	Legacy NEC Code: 5319
Primary Advisor: SPECWARCOM	Technical Advisor: SPECWARDEVGRU	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	CIN: K-431-0024	CDP: 169K
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5320
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTE: NEC code is awarded only while member is in a SEAL training student status and has completed BUDS post Hell Week 1st, 2nd, and 3rd phase.

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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-431-0027	CDP: 07RY
Sequence Code: 3	ESTB Date: 7/23/19 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: NSWC	Technical Advisor: NSWG TEN	ECM: BUPERS-32

NOTE: Must possess a Secret security clearance.

O22C - Naval Special Warfare (NSW) Special Reconnaissance Team (SRT) Platoon Leading Chief Petty Officer (LCPO)
Identifies the successful completion of the NSW SRT Platoon LCPO milestone as outlined in the SB/SO Source Rating Career Paths.

Source Rating: SB, SO	Billet Paygrades:	Personnel Paygrades: E7
Course: Mandatory	CIN: K-2E-5001	CDP: 10H2
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O26A or O52A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Platoon Leader COI or equivalent in accordance with the SB/SO Source Rating Career Paths.
3. A waiver for NSW Platoon Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O22L - Naval Special Warfare (NSW) Special Reconnaissance Team (SRT) Leading Petty Officer (LPO)
Identifies the successful completion of the NSW SRT LPO milestone as outlined in the SB/SO Source Rating Career Paths.

Source Rating: SB, SO	Billet Paygrades:	Personnel Paygrades: E6
Course: Mandatory	CIN: K-431-8001	CDP: 10ZP
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O26A or O52A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW LPO Preparatory COI or equivalent in accordance with the SB/SO Source Rating Career Paths.
3. A waiver of NSW LPO Preparatory COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O22M - Naval Special Warfare (NSW) Special Reconnaissance Team (SRT) Command Master Chief (CMC)
Identifies screened personnel selected for NSW SRT CMC.

Source Rating: SB, SO	Billet Paygrades:	Personnel Paygrades: E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O26A or O52A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Must be favorably screened by the NSW Major Command CMCs and the Force Command Master Chief (FORCM) CMC board.
3. Member must complete the CMC/Chief of the Boat (COB) course of instruction and the CENSEALSWCC Command Leader Seminar (CLS).
4. A Commodore waiver is required for non-attendance of the CLS.

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 employment of sensitive tatics, 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 instuctions related to ASOT, and produces supporting documents to strategic, operational and tactical plans.

Source Rating: SB, SO	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: J-011-2740	CDP: 19VA
Sequence Code: 3	ESTB Date: 7/23/19 REV Date:	NR Ind: R
Component NEC: O22A	Related NEC:	Legacy NEC Code:
Primary Advisor: NSWC	Technical Advisor: NSWG TEN	ECM: BUPERS-32

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

O22T - Naval Special Warfare (NSW) Special Reconnaissance Team (SRT) Troop Leading Chief Petty Officer (TLCPO)

Identifies the successful completion of the NSW SRT Troop LCPO milestone as outlined in the SB/SO Source Rating Career Paths.

Source Rating: SB, SO	Billet Paygrades:	Personnel Paygrades: E7-E8
Course: Mandatory	CIN: K-431-8500	CDP: 17ZD
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O26A or O52A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Troop Leader COI or equivalent in accordance with the SB/SO Source Rating Career Paths.
3. A waiver of NSW Troop Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.
4. A waiver from the NSW CPO/SCPO Screening Board is required for E7.

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 uses of all types of SCUBA.

Source Rating: SO	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0040	CDP: 529R
Sequence Code: 2	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC: O26A	Related NEC:	Legacy NEC Code: 5323
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTE: Candidates may enter SDV Pilot/Navigator/DDS Operator training with current rate, but must laterally convert to a rating listed in MILPERSMAN 1220-100 within 12 months of assignment of NEC code O23A.

O23C - SEAL Delivery Vehicle (SDV) Operator Platoon Leading Chief Petty Officer (PLCPO)

Identifies the successful completion of the SDV Operator Platoon LCPO milestone as outlined in the SO Source Rating Career Path.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E7
Course: Mandatory	CIN: K-2E-5001	CDP: 10H2
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O23A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Platoon Leader course of instruction (COI) or equivalent in accordance with the SO Source Rating Career Path.
3. A waiver for NSW Platoon Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O23L - SEAL Delivery Vehicle (SDV) Operator Leading Petty Officer (LPO)
Identifies the successful completion of the SDV Operator LPO milestone as outlined in the SO Source Rating Career Path.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E6
Course: Mandatory	CIN: K-431-8001	CDP: 10ZP
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O23A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW LPO Preparatory course of instruction (COI) or equivalent in accordance with the SO Source Rating Career Path.
3. A waiver of NSW LPO Preparatory COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O23M - SEAL Delivery Vehicle (SDV) Operator Command Master Chief (CMC)
Identifies screened personnel selected for SDV Operator CMC.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O23A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Must be favorably screened by the NSW Major Command CMCs and the Force Command Master Chief (FORCM) CMC board.
3. Member must complete the CMC/Chief of the Boat (COB) course of instruction and the CENSEALSWCC Command Leader Seminar (CLS).
4. A Commodore waiver is required for non-attendance of the CLS.

O23T - SEAL Delivery Vehicle (SDV) Operator Troop Leading Chief Petty Officer (TLCPO)
Identifies the successful completion of the SDV Operator Troop LCPO milestone as outlined in the SO Source Rating Career Path.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E7-E8
Course: Mandatory	CIN: K-431-8500	CDP: 17ZD
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O23A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Troop Leader course of instruction (COI) or equivalent in accordance with the SO Source Rating Career Path.
3. A waiver of NSW Troop Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.
4. A waiver from the NSW CPO/SCPO Screening Board is required for E7.

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: K-431-0059	CDP: 754F
Sequence Code: 2	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC: O20A	Related NEC: O23A	Legacy NEC Code: 5326
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. MILPERSMAN 1220-410 addresses Physical Screening Testing Standards and Procedures.
2. Rating designation is awarded upon completion of SO “A” School training pipeline as described in MILPERSMAN 1220-300.
3. Conversions will be conducted per MILPERSMAN 1220-300, 1440-010, and 1440-060. Approval to attend SO “A” School will be based on the needs of the SO community as determined by BUPERS-324.

O26C - Special Warfare Operator (SEAL) Platoon Leading Chief Petty Officer (PLCPO)
Identifies the successful completion of the Special Warfare Operator (SEAL) Platoon LCPO milestone as outlined in the SO Source Rating Career Path.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E7
Course: Mandatory	CIN: K-2E-5001	CDP: 10H2
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O26A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Platoon Leader course of instruction (COI) or equivalent in accordance with the SO Source Rating Career Path.
3. A waiver of NSW Platoon Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O26L - Special Warfare Operator (SEAL) Leading Petty Officer (LPO)
Identifies the successful completion of the Special Warfare Operator (SEAL) LPO milestone as outlined in the SO Source Rating Career Path.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E6
Course: Mandatory	CIN: K-431-8001	CDP:10ZP
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O26A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW LPO Preparatory course of instruction (COI) or equivalent in accordance with the SO Source Rating Career Path.
3. A waiver of NSW LPO Preparatory COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O26M – Special Warfare Operator (SEAL) Command Master Chief (CMC)
Identifies screened personnel selected for Special Warfare Operatr (SEAL) CMC.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O26A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Must be favorably screened by the NSW Major Command CMCs and the Force Command Master Chief (FORCM) CMC board.
3. Member must complete the CMC/Chief of the Boat (COB) course of instruction and the CENSEALSWCC Command Leader Seminar (CLS).
4. A Commodore waiver is required for non-attendance of the CLS.

O26T - Special Warfare Operator (SEAL) Troop Leading Chief Petty Officer (TLCPO)
Identifies the successful completion of the Special Warfare Operator (SEAL) Troop LCPO milestone as outlined in the SO Source Rating Career Path.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E7-E8
Course: Mandatory	CIN: K-431-8500	CDP: 17ZD
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O26A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Troop Leader course of instruction (COI) or equivalent in accordance with the SO Source Rating Career Path.
3. A waiver of NSW Troop Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.
4. A waiver from the NSW CPO/SCPO Screening Board is required for E7.

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).

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 7/31/13 REV Date: 9/24/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5329
Primary Advisor: SPECWAR	Technical Advisor: SPECWARDEVGRU	ECM: BUPERS-32

NOTES:
1. Top Secret security clearance required.
2. Member must maintain current dive, jump and demolition qualifications.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

O29C - Naval Special Warfare (NSW) Development and Evaluation (D&E) Team Leading Chief Petty Officer (LCPO)

Identifies the successful completion of the NSW D&E Team LCPO milestone as outlined in the SB/SO Source Rating Career Paths.

Source Rating: SB, SO	Billet Paygrades:	Personnel Paygrades: E7
Course: Mandatory	CIN: K-2E-5001	CDP: 10H2
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O29A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Platoon Leader course of instruction (COI) or equivalent in accordance with the SB/SO Source Rating Career Path.
3. A waiver of NSW Platoon Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O29L - Naval Special Warfare (NSW) Development and Evaluation (D&E) Team Leading Petty Officer (LPO)

Identifies the successful completion of the NSW D&E Team LPO milestone as outlined in the SB/SO Source Rating Career Paths.

Source Rating: SB, SO	Billet Paygrades:	Personnel Paygrades: E6
Course: Mandatory	CIN: K-431-8001	CDP: 10ZP
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O29A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW LPO Preparatory course of instruction (COI) or equivalent in accordance with the SB/SO Source Rating Career Path.
3. A waiver of NSW LPO Preparatory COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O29M - Naval Special Warfare (NSW) Development and Evaluation (D&E) Squadron Command Master Chief (CMC)

Identifies screened personnel selected for NSW D&E Squadron CMC.

Source Rating: SO	Billet Paygrades:	Personnel Paygrades: E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O29A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Must be favorably screened by the NSW Major Command CMCs and the Force Command Master Chief (FORCM) CMC board.
3. Member must complete the CMC/Chief of the Boat (COB) course of instruction and the CENSEALSWCC Command Leader Seminar (CLS).
4. A Commodore waiver is required for non-attendance of the CLS.

O29T - Naval Special Warfare (NSW) Development and Evaluation (D&E) Troop Leading Chief Petty Officer (TLCPO)
Identifies the successful completion of the NSW D&E Troop LCPO milestone as outlined in the SB/SO Source Rating Career Paths.

Source Rating: SB, SO	Billet Paygrades:	Personnel Paygrades: E7-E8
Course: Mandatory	CIN: K-431-8500	CDP: 17ZD
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O29A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Troop Leader course of instruction (COI) or equivalent in accordance with the SB/SO Source Rating Career Path.
3. A waiver of NSW Troop Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.
4. A waiver from the NSW CPO/SCPO Screening Board is required for E7.

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.

Source Rating:	Billet Paygrades: E3-E5	Personnel Paygrades: E2-E5
Course: Mandatory	CIN: K-060-0030	CDP: 151J
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5350
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

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.

Source Rating: SB	Billet Paygrades: E4-E9	Personnel Paygrades: E2-E9
Course: Mandatory	CIN: K-060-0032	CDP: 966W
Sequence Code: 2	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC: O50A	Related NEC:	Legacy NEC Code: 5352
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

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.

O52C - Special Warfare Boat Operator (SWCC) Leading Chief Petty Officer (LCPO)
Identifies the successful completion of the SWCC LCPO milestone as outlined in the SB Source Rating Career Path.

Source Rating: SB	Billet Paygrades:	Personnel Paygrades: E7
Course: Mandatory	CIN: K-2E-5001	CDP: 10H2
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O52A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Platoon Leader course of instruction (COI) or equivalent in accordance with the SB Source Rating Career Path.
3. A waiver for NSW Platoon Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O52L - Special Warfare Boat Operator (SWCC) Leading Petty Officer (LPO)
Identifies the successful completion of the SWCC LPO milestone as outlined in the SB Source Rating Career Path.

Source Rating: SB	Billet Paygrades:	Personnel Paygrades: E6
Course: Mandatory	CIN: K-431-8001	CDP: 10ZP
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O52A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW LPO Preparatory course of instruction (COI) or equivalent in accordance with the SB Source Rating Career Path.
3. A waiver of NSW LPO Preparatory COI or equivalent may be considered on a case by case basis by the Commanding Officer.

O52M - Special Warfare Boat Operator (SWCC) Command Master Chief (CMC)
Identifies screened personnel selected for SWCC CMC.

Source Rating: SB	Billet Paygrades:	Personnel Paygrades: E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O52A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Must be favorably screened by the NSW Major Command CMCs and the Force Command Master Chief (FORCM) CMC board.
3. Member must complete the CMC/Chief of the Boat (COB) course of instruction and the CENSEALSWCC Command Leader Seminar (CLS).
4. A Commodore waiver is required for non-attendance of the CLS.

O52T - Special Warfare Boat Operator (SWCC) Troop Leading Chief Petty Officer (TLCPO)
Identifies the successful completion of the SWCC Troop LCPO milestone as outlined in the SB Source Rating Career Path.

Source Rating: SB	Billet Paygrades:	Personnel Paygrades: E7-E8
Course: Mandatory	CIN: K-431-8500	CDP: 17ZD
Sequence Code: 8	ESTB Date: 8/6/20 REV Date:	NR Ind: R
Component NEC: O52A	Related NEC:	Legacy NEC Code:
Primary Advisor: COMNAVSPECWARCOM	Technical Advisor: CENSEALSWCC	ECM: BUPERS-32

NOTES:
1. Member must submit NAVPERS 1221/6 to BUPERS-324 via Commanding Officer for awarding of this NEC code.
2. Member must complete NSW Troop Leader course of instruction (COI) or equivalent in accordance with the SB Source Rating Career Path.
3. A waiver of NSW Troop Leader COI or equivalent may be considered on a case by case basis by the Commanding Officer.
4. A waiver from the NSW CPO/SCPO Screening Board is required for E7.

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 uncured at the tactical and maneuver level during combat operations. Provides basic to advanced life support to include advanced airway procedures, pain management, environmental emergencies, diving and hyperbaric medicine, advanced first aid, TCCC, and emergency care for diving casualties. Instruct personnel in TCCC and acts as the operational subject matter expert for all medical tactics, techniques, and procedures for NSW and Special Operations Forces.

Source Rating: SB, SO	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: K-431-7001	CDP: 10Y4
Sequence Code: 3	ESTB Date: 4/13/16 REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC: O92A	Legacy NEC Code: 5391
Primary Advisor: SPECWARCOM	Technical Advisor: SPECWARCOM	ECM: BUPERS-32

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: B-300-0042, K-431-0021	CDP: 434W, 3596
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5392
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

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.
2. Mandatory training B-300-0042, Special Operations Technician (SOCM) course and K-431-0021, Special Operations Technician course.
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	Billet Paygrades:	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-830-0032	CDP: 18AL, 18AM
	or	or
	A-830-0037	18AP, 18AR, 18AS, 18KC
	and	and
	J-551-0050	23DK, 23EP
Sequence Code: 3	ESTB Date: 7/22/14 REV Date: 6/29/20	NR Ind: R
Component NEC: 804A	Related NEC:	Legacy NEC Code: 2001
Primary Advisor: USFF	Technical Advisor: USFF	ECM: BUPERS-32

NOTES:
1. NEC code awarded based on Commanding Officer's recommendation following the verification of completing prerequisite CINs.
2. Last reviewed during "MA TRR" completed 6/29/20.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-832-0001	CDP: 437N
Sequence Code: 4	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 2002
Primary Advisor: NCIS HQ CODE 23	Technical Advisor: NCIS HQ CODE 23	ECM: BUPERS-32

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

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

Source Rating: MA	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: OJT, PQS	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/21/14 REV Date: 3/19/19	NR Ind: A
Component NEC: P04A	Related NEC:	Legacy NEC Code: 2003
Primary Advisor: USFF	Technical Advisor: USFF	ECM: BUPERS-32

NOTES:
1. To be awarded this NEC code, personnel must have normal color vision and be a qualified second class swimmer.
2. NEC 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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-062-0049	CDP: 05BU
Sequence Code: 7	ESTB Date: 10/24/14 REV Date: 5/8/19	NR Ind: A
Component NEC: 853A	Related NEC:	Legacy NEC Code: 2004
Primary Advisor: USFF	Technical Advisor: CENSECFOR	ECM: BUPERS-32

NOTES:
1. To be awarded this NEC code, personnel must have normal color vision and be a qualified second class swimmer.
2. 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	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-830-0019	CDP: 478N
Sequence Code: 4	ESTB Date: REV Date: 3/19/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2005
Primary Advisor: USFF	Technical Advisor: USFF	ECM: BUPERS-32

NOTES:
1. Applicants must submit 1306/7 via the Reg1onal Kennel Master and Military Working Dog (MWD) Program Manager for approval. Personnel completing the MWD Handler "C" School are required to perform dut1es in designated b1llets for a minimum of 48 consecutive months immediately following graduation.
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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-830-0009	CDP: 107L
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: P05A	Related NEC:	Legacy NEC Code: 2006
Primary Advisor: MWD PM	Technical Advisor: MWD PM	ECM: BUPERS-32

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

Source Rating: MA	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-831-0001	CDP: 572B
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2008
Primary Advisor: USFF N1SF	Technical Advisor: BUPERS-00D	ECM: BUPERS-32

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.

Source Rating: MA	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-840-0001 or S-830-0940	CDP: 338M or 08P7
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2009
Primary Advisor: NCIS (POFO)	Technical Advisor: NCIS (POFO)	ECM: BUPERS-32

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

Source Rating: MA	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/16/15 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2010
Primary Advisor: USFFC N1SF	Technical Advisor: SSP	ECM: BUPERS-32

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

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.

Source Rating: MA	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: S-830-0001	CDP: 03FV, 11N2, 12B7, 18HN, 921R, 922J
Sequence Code: 3	ESTB Date: 10/2/17 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: USFLTFORCOM N1SF	Technical Advisor: USFLTFORCOM N1SF	ECM: BUPERS-32

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:
Primary Advisor: NCIS Code 23	Technical Advisor: NCIS Code 23	ECM: BUPERS 32

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.

Source Rating: MMA	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-652-0700	CDP: 02AY
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4231
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.

Source Rating: TM	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-123-0204	CDP: 6658
Sequence Code: 4	ESTB Date: 7/1/1996 REV Date: 10/15/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4233
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:	Legacy NEC Code: 4234
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

R00A - Logistics Specialist Supervisor
Responsible for the efficient, safe and sustained at sea operations of the Logistics Division. Manages the fundamental responsibilities of meeting customer demands, accountability and the replenishment of storerooms.

Source Rating: LSS	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: 6/3/20 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: COMSUBLANT	Technical Advisor: COMSUBPAC	ECM: BUPERS-32

NOTE: Member must complete the Logistics Specialist Supervisor Qualification Card to include Type Commander/Submarine Group or ISIC Leading LSS interview along with receiving a favorable interview and recommendation from the Commanding Officer to earn this NEC code.

R01A - Leading Culinary Specialist
Responsible for the efficient, safe and sustained at sea operations of the Culinary Specialist Division. Submarine Leading Culinary Specialist provide overall management of galley operations and financial accountability of food service operations by: ensuring cleanliness is maintained in all food service spaces, training and assessing food service personnel, performing oversight of and ensuring compliance with marine environmental programs, and emphasizing customer service in all aspects of the food service division.

Source Rating: CSS	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: 6/26/20 REV Date:	NR Ind: N
Component NEC:	Related NEC: S14A	Legacy NEC Code:
Primary Advisor: COMSUBLANT	Technical Advisor: COMSUBPAC	ECM: BUPERS-32

NOTES: Member must complete the Leading Culinary Specialist Qualification Card to include Type Commander (TYCOM)/Submarine Group or ISIC Leading CSS interview along with receiving a favorable interview and recommendation from the submarine's Executive Officer to earn this NEC code.

SXXX - SUPPLY COMMUNITY & CAREER FIELD

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.

Source Rating: LS, LSS	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-551-1016	CDP: 18HZ
Sequence Code: 8	ESTB Date: 6/19/17 REV Date: 10/1/17	NR Ind: A
Component NEC: S001	Related NEC: S05A, S07A, S08A, S09A, S10A	Legacy NEC Code: 2800
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B, N42)	ECM: BUPERS-32

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.

Source Rating: LS, LSS	Billet Paygrades:	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-551-1015	CDP: 18HY
Sequence Code: 6	ESTB Date: 6/19/17 REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 2801
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B, N42)	ECM: BUPERS-32

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.

Source Rating: RS	Billet Paygrades:	Personnel Paygrades: E1-E3
Course: Mandatory	CIN: A-823-0012	CDP: 6477
Sequence Code: 6	ESTB Date: 2/23/18 REV Date: 10/15/19	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (PMS 339)	ECM: BUPERS-32

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

Knowledge of and uses a variety of modern E-Commerce and civilian automated systems and tools, including computer based cash registers, laser scanning, cash-less debit, and Electronic Data Interchange systems. Understands best business practices of perpetual inventories and cost-based accounting. Maintains financial and material accountability in a variety of operational environments through production and analysis of management reports produced by the ROM system. Manages all service activities in ROM configured ships.

Source Rating: RS	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-823-0019	CDP: 23ET, 23EU
Sequence Code: 3	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3131
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (05, 09B), NEXCOM	ECM: BUPERS-32

NOTE: Last reviewed during "RS TRR" completed 6/29/20.

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, berthing arrangement, and procurement actions including credit card, open market, and Federal Supply Schedule purchases.

Source Rating: LS, LSS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: R-551-0010	CDP: 869D
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 2813
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: This NEC code is awarded to Selected Reserve (SELRES) and Full Time Support (FTS) personnel only and will not be used to identify active duty personnel or billets.

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.

Source Rating: LS, LSS	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-551-0029	CDP: 23E6, 23E7
Sequence Code: 4	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2828
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "LS TRR" completed 6/29/20.

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.

Source Rating: LS, LSS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-551-0026	CDP: 23E1, 23E2
Sequence Code: 4	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2829
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "LS TRR" completed 6/29/20.

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.

Source Rating: LS, LSS	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-551-0027	CDP: 23DR, 23E3
Sequence Code: 4	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC: S07A	Related NEC:	Legacy NEC Code: 2830
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "LS TRR" completed 6/29/20.

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.

Source Rating: LS, LSS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-551-0028	CDP: 23E4, 23E5
Sequence Code: 4	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC: S08A	Related NEC:	Legacy NEC Code: 2831
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTES:
1. 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.
2. Last reviewed during "LS TRR" completed 6/29/20.

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.

Source Rating: LS, LSS	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: OJT, JQR	CIN:	CDP:
Sequence Code: 2	ESTB Date: 12/14/11 REV Date: 7/30/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 2840
Primary Advisor: COMNECC N41	Technical Advisor: COMNECC N41	ECM: BUPERS-32

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 requirements); reviewing and receipting for capital equipment from the servicing Fleet Logistics Center (FLC); operating postage meter equipment and maintaining records; preparing financial reports for correctness prior to submission; providing directory service on all un-deliverable mail; training department mail orderlies on safeguarding mail; preparing and maintaining Standard Operating Procedures for ships postal operations; ensuring post office security is compliant with DOD regulations. Manage accountable mail processes and procedures.

Source Rating: LS, LSS, RS	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-554-0026	CDP: 23EA, 23E8, 23E9
Sequence Code: 3	ESTB Date: REV Date: 6/29/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 3001
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (N42)	ECM: BUPERS-32

NOTES:
1. Must be a U.S. citizen, eligible for a SECRET clearance, and possess a valid driver license.
2. E3 personnel may request to attend course with a strong recommendation from their command.
3. 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.
4. Last reviewed during "LS TRR" completed 6/29/20.

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.

Source Rating: CS, CSS	Billet Paygrades: E5	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-800-0030	CDP: 23ES, 23ER
Sequence Code: 5	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3527
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (N413)	ECM: BUPERS-32

NOTE: Last reviewed during "LS TRR" completed 6/29/20.

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.

Source Rating: CS, CSS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-800-0015	CDP: 23EK, 23EL
Sequence Code: 3	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3529
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (N413)	ECM: BUPERS-32

NOTE: Last reviewed during "LS TRR" completed 6/29/20.

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	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-800-0038 A-800-0035	CDP: 03W7 640R
Sequence Code: 5	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3530
Primary Advisor: PERS-44ES	Technical Advisor: PERS-44ES	ECM: BUPERS-32

NOTES:
1. Member must have a minimum of a secret security clearance.
2. NEC code will be awarded upon completion of the required course, completion of Enlisted Aide Personnel Qualification Standards, and completion of one year in a valid Enlisted Aide billet. Contact the Enlisted Aide Detailer for more information.

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	Personnel Paygrades: E5-E7
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8012
Primary Advisor: OPNAV (N41)/(N98)	Technical Advisor: NAVSUP (4B, N00B)	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 future 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:	Personnel Paygrades: E5-E8
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC: S16A	Legacy NEC Code: 8013
Primary Advisor: OPNAV (N41)/(N98)	Technical Advisor: NAVSUP (4B, N00B)	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 future personnel management. All billets assigned NEC code S17A are recoded to S19A.

S18A - Optimized Naval Aviation Logistic Command Operations Maintenance Information System (NALCOMIS) Intermediate Maintenance Activity (IMA) Aviation Supply Systems Specialist
Performs aviation supply functions both afloat and ashore, utilizing Optimized NALCOMIS IMA system. Processes inventory management records and listings for the control of aviation repair parts stocks in the intermediate level cycle. Supervises the input of data to the Optimized NALCOMIS IMA system and prepares the parameters for the management report analysis.

Source Rating: LS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: C-551-2019	CDP: 23EV
Sequence Code: 3	ESTB Date: REV Date: 6/29/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8014
Primary Advisor: OPNAV (N41)/(N98)	Technical Advisor: NAVSUP (4B, N00B)	ECM: PERS BUPERS-32

NOTE: Last reviewed during "LS TRR" completed 6/29/20.

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 data base integrity. Monitors supply interface processing to ensure the accuracy of the Optimized NALCOMIS IMA database as reflected against the host Supply Automated Information System. Performs utility programs as required. Possesses a working knowledge of Optimized NALCOMIS IMA supply software capabilities. Maintains familiarity with the operation of all Optimized NALCOMIS IMA hardware assigned to supply functional users. Coordinates with the NTCSS System Administrator and Maintenance IMA SAA scheduling and/or release of online batch reports, installation of new releases, submission of trouble reports to higher authority and other matters as required. Principal advisor to the NTCSS system administrator, and Supply Officer on matters pertaining to supply related issues effecting Optimized NALCOMIS IMA.

Source Rating: LS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: C-555-0050	CDP: 23EW
Sequence Code: 3	ESTB Date: REV Date: 6/29/20	NR Ind: A
Component NEC:	Related NEC: S18A	Legacy NEC Code: 8015
Primary Advisor: OPNAV (N41)/(N98)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

NOTE: Last reviewed during "LS TRR" completed 6/29/20.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: C-555-2024	CDP: 19T5
Sequence Code: 4	ESTB Date: 11/21/18 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N98)	Technical Advisor: OPNAV (N98)	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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-113-0003	CDP: 3328
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1314
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

T02A - AN/BYG-1 (V) TI04 Combat Control Maintenance Technician

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

Source Rating: FT	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-113-0205 A-113-0175 A-113-0018, A-113-0027 A-113-0382, A-113-0383 A-113-0381	CDP: 05M4 06W3 05M5, 05M3 07T9, 07TA 07T8
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1316
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-113-0201 or A-113-0232	CDP: 789W, 789X or 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	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-113-0202 or A-113-0233	CDP: 789Y, 789Z or 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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0215	CDP: 00ET
	A-113-0216	00EW
	A-113-0217	00EY
	A-113-0218	00F0
	A-113-0219	00F2
	A-113-0221	00F6
	A-113-0222	00F8
Sequence Code: 4	ESTB Date: REV Date: 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	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-113-0133	CDP: 986E
	A-100-0312	8162
Sequence Code: 6	ESTB Date: REV Date: 3/1/18	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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-113-0002 (P/L)	CDP: 313P
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1328
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-150-0037	CDP: 00CD
	A-113-0204	993B
	A-113-0006 (P/L)	02EZ
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: T06A	Related NEC:	Legacy NEC Code: 1330
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-113-0381	CDP: 07T8
Sequence Code: 4	ESTB Date: 6/1/2012 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC: T02A	Legacy NEC Code: 1346
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA-05	ECM: BUPERS-32

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

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-l(V) TI-12/14 Combat Control Systems. Conducts preventive maintenance and troubleshooting analysis to isolate and repair system faults and failures.

Source Rating: FT	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-113-0342	CDP: 10MW
Sequence Code: 4	ESTB Date: 3/25/14 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC: T02A	Legacy NEC Code: 1347
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA	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: ITS	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-101-0020	CDP: 00BS, 00BR
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC:	Related NEC: T24A	Legacy NEC Code: 14AA
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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: ITS	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-101-0019	CDP: 07LL
	or	or
	W-101-V15A	00LW
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC:	Related NEC: T25A	Legacy NEC Code: 14AB
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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: ITS	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-233-0174 (P/L)	CDP: 10F0
	or	or
	A-233-0008 and A-102-0388	5234 and 09PM
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	NR Ind: N
Component NEC: T28A	Related NEC: T15A, T17A	Legacy NEC Code: 14BH
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “ETR TRR” completed 12/4/18.

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: ITS	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A- 233-0117(P/L)	CDP: 10XB, 2087
	or	or
	A-102-0403 and A-233-0040	3256 and 593X, 4351
Sequence Code: 3	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC: T29A	Related NEC: T13A, T17A	Legacy NEC Code: 14EM
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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-102-0415 and A-102-0007	CDP: 04R1 and 3027
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC: T19A or T27A	Related NEC: T18A, T20A, T23A, T26A	Legacy NEC Code: 14GM
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

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: ITS	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-233-0138(P/L)	CDP: 10EZ
	or	or
	A-233-0008 and A-102-0157 and A-233-0122	5234 and 544Q and 9989
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	NR Ind: N
Component NEC: T28A	Related NEC: T13A, T15A	Legacy NEC Code: 14HH
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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0392 (P/L)	CDP: 036W
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 14NM
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: ETV	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-100-0313	CDP: 8164
Sequence Code: 6	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 14NO
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: ETV	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-102-0130	CDP: 04HH
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: T18A	Related NEC:	Legacy NEC Code: 14NP
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: ETV	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-061-0029	CDP: 735X
Sequence Code: 2	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: T19A	Related NEC:	Legacy NEC Code: 14NV
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

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.

Source Rating: ETV	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-102-0255	CDP: 02UF
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 14TK
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

T24A - TRIDENT I/II Radio Frequency (RF) Equipment Maintenance Technician
TRIDENT Exterior Communications Subsystem (ECS) Radio Room Maintenance Technician.

Source Rating: ITS	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-101-0730	CDP: 654B
Sequence Code: 3	ESTB Date: REV Date: 4/9/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 14TM
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

T25A - TRIDENT I/II Radio Frequency (RF) Equipment Operator
TRIDENT Exterior Communications Subsystems (ECS) Integrated Radio Room Operator.

Source Rating: ITS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-101-0726	CDP: 385A
Sequence Code: 6	ESTB Date: REV Date: 4/9/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 14TO
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-193-0445 (P/L)	CDP: 588T, 588U
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 14XM
Primary Advisor: OPNAV(N97)	Technical Advisor: DIRSSP	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	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-193-0444 (P/L)	CDP: 588R, 588S
Sequence Code: 6	ESTB Date: 1/1/2001 REV Date: 3/1/18	NR Ind: N
Component NEC: T19A	Related NEC:	Legacy NEC Code: 14XO
Primary Advisor: OPNAV(N97)	Technical Advisor: DIRSSP	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: ITS	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0550 (P/L)	CDP: 07HM
Sequence Code: 4	ESTB Date: 8/26/10 REV Date: 4/9/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 14ZQ
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

T29A - 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: ITS	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-102-0391	CDP: 768J
Sequence Code: 4	ESTB Date: 3/3/11 REV Date: 4/9/20	NR Ind: N
Component NEC:	Related NEC: T28A	Legacy NEC Code: 14ZR
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-323C

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

T30A - SSBN SSI Inc 4 Electronics Technician Journeyman
Performs intermediate level maintenance on Trident II D-5 SSI4 SWS Navigation Systems. Performs operations and basic preventive maintenance; including start-up, initialization, shutdown, emergency procedures, equipment checkouts, alignment procedures on other submarine electronic navigation equipment, and ship control electronic systems under the supervision of senior personnel. Catalogs, inventories, and prepares navigation charts. Prepares for and conducts basic submarine navigation and piloting evolutions. All tasks are performed on SSBN 726 class submarines or support facilities.

Source Rating: ETV	Billet Paygrades: E3-E6	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-193-0482 (P/L)	CDP: 12RN, 12RP
Sequence Code: 6	ESTB Date: 1/4/16 REV Date: 7/24/20	NR Ind: R
Component NEC: T19A	Related NEC: T26A, T27A, T35A	Legacy NEC Code: 14ZS
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTES:
1. Member must be eligible for a Top Secret security clearance.
2. Last reviewed during “ETV TRR” completed 7/24/20.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-623-0481 (P/L)	CDP: 12RL, 12RM
Sequence Code: 4	ESTB Date: 1/4/16 REV Date: 7/24/20	NR Ind: R
Component NEC: T30A	Related NEC: T26A, T27A	Legacy NEC Code: 14ZT
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTES:
1. Member must be eligible for a Top Secret security clearance.
2. Last reviewed during “ETV TRR” completed 7/24/20.

T32A - Submarine Communications Leading Chief Petty Officer
Ensures COMMS 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: ITS	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-101-0600	CDP: 09HF
Sequence Code: 3	ESTB Date: 7/13/16 REV Date: 4/9/20	NR Ind: R
Component NEC: T12A	Related NEC:	Legacy NEC Code: 14ZU
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA-05	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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-121-0031 A-121-0032	CDP: 02X0 02X2, 02X3
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC: T50A	Legacy NEC Code: 3303
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTE: Personnel must remain Personnel Reliability Program (PRP) eligible. New accessions or MT personnel with other than NEC code 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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3320
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	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	Billet Paygrades:	Personnel Paygrades: E2-E7
Course: Mandatory	CIN: A-193-0442	CDP: 4890, 4891
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC: T27A	Related NEC:	Legacy NEC Code: 3329
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 6	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 3349
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-121-0087	CDP: 789M
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC: 3303 or 3380	Related NEC:	Legacy NEC Code: 3350
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	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	Billet Paygrades: E8-E9	Personnel Paygrades: E7-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 12/17/12 REV Date: 5/28/19	NR Ind: N
Component NEC: T33A, T51A or T37A	Related NEC:	Legacy NEC Code: 3375
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

NOTES:
1. Must be qualified Strategic Weapons Duty Officer (SWDO).
2. For operational SSBN/SSGN a minimum of three patrols on their first SSBN/SSGN sea tour as MTC or serving on his second SSBN/SSGN sea tour as MTC, MTCS or MTCM. For SSBN/SSGNs in overhaul or new construction, a minimum of one and a half years onboard first SSBN/SSGN as MTC or serving 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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-121-0025	CDP: 01AR
Sequence Code: 1	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 3397
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0360 (P/L)	CDP: 769S
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0425
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-130-0460	CDP: 08T1, 08T2
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0501
Primary Advisor: OPNAV(N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Sailors awarded NEC code T42A under its previous requirements will retain the NEC Code.

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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0314	CDP: 199N
Sequence Code: 5	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0512
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0009	CDP: 750U
Sequence Code: 4	ESTB Date: REV Date: 7/24/20	NR Ind: N
Component NEC:	Related NEC: T46A	Legacy NEC Code: 0518
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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, A-130-0038 or A-130-0410 shall maintain this NEC code.
3. Last reviewed during "STS TRR" completed 7/24/20.

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.

Source Rating: STS	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-130-0005 (P/L) or A-150-0037 and A-130-0042	CDP: 02EW 00CD 00CE
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0520
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: STS	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-130-0411	CDP: 09LR, 09LS, 09LT, 09LU, 09LV
	A-130-0412	10L0, 10L1, 10L2
	A-130-0414	12RR, 12RS, 12RT
	A-130-0416	13MX, 13MY, 13MZ
Sequence Code: 4	ESTB Date: 12/14/11 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC: T44A	Legacy NEC Code: 0530
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA	ECM: BUPERS-32

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.

Source Rating: ETV, FT, ITS, STS	Billet Paygrades: E4-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-531-0150	CDP: 06Z4
	A-531-0100	853S
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	NR Ind: N
Component NEC: 746A	Related NEC: H08A	Legacy NEC Code: 2783
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

NOTES:
1. Top secret security clearance required for billets. Training will be conducted at the secret level.
2. ETV personnel 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	Billet Paygrades: E4	Personnel Paygrades: E3-E5
Course: Mandatory	CIN: A-121-0310	CDP: 17SG
Sequence Code: 6	ESTB Date: 7/25/17 REV Date: 5/7/20	NR Ind: N
Component NEC:	Related NEC: T33A	Legacy NEC Code: 3380
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-113-0416	CDP: 18L9
	A-113-0417	18LA
	A-113-0418	18LB
Sequence Code: 4	ESTB Date: 12/4/17 REV Date:	NR Ind: R
Component NEC: T06A	Related NEC: T10A	Legacy NEC Code:
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA	ECM: BUPERS-32

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-121-0085	CDP: 4928
Sequence Code: 3	ESTB Date: REV Date: 6/1/15	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 3312
Primary Advisor: OPNAV (N97)	Technical Advisor: DIRSSP	ECM: BUPERS-32

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	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course: Mandatory	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
Component NEC: T48A	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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 7	ESTB Date: 7/23/19 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code:
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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E9
Course: Mandatory	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:	Legacy NEC Code: 4170
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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	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:	Legacy NEC Code: 4171
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-4013D2.
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: 714J
	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-4013D2.
2. Last reviewed during "NAVMAC Periodicity Review" completed 1/10/20.

U07A - Marine Gas Turbine Inspector

Performs periodic borescope inspections, mechanical grooms, and gas turbine bulletin inspections. Provides troubleshooting and on-the-job training, oversees intermediate maintenance level repairs, and assists in calibration. Makes engine change-out recommendations and oversees gas turbine change installations. Ensures accuracy of engine logbook entries.

Source Rating: GS, GSM, GSE	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-652-0505	CDP: 186W, 1853
Sequence Code: 3	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4136
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Personnel qualified per OPNAVINST 9220.3 and General Gas Turbine Bulletin 11 (Current Revision). Submit NAVPERS 1221/6 to PERS-4013D2 via NSWCCD 933.
2. Last reviewed during "NAVMAC Periodicity Review" completed 1/10/20.

U08A - NAMTS Gas Turbine Repair Technician

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level repair of marine gas turbine engines in support of Fleet-directed requirements. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

Source Rating: GS, GSE, GSM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-651-4140 (P/L)	CDP: 667X, 667Y, 6683, 6684, 6685
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4140
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.

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).

Source Rating: EM, GS, GSE	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-4141 (P/L)	CDP: 06S3
Sequence Code: 3	ESTB Date: REV Date: 11/14/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4141
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0364 (P/L)	CDP: 750G
Sequence Code: 3	ESTB Date: REV Date: 10/22/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4143
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel that are assigned to a CG-47 (smart ship) holding either NEC codes 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

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level repair of marine gas turbine engines in support of Fleet-directed requirement. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

Source Rating: GS, GSE	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-662-4139 (P/L)	CDP: 11L3, 11L4, 11L7, 11L9, 11LA, 11LB
Sequence Code: 3	ESTB Date: 12/15/14 REV Date:	NR Ind: A
Component NEC:	3/1/18Related NEC:	Legacy NEC Code: 4145
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.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0367 (P/L)	CDP: 21FR
Sequence Code: 4	ESTB Date: 9/30/11 REV Date: 4/15/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4146
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "GS TRR" completed 4/15/20.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-651-9010 (P/L)	CDP: 12ZM
Sequence Code: 4	ESTB Date: 4/13/16 REV Date: 3/6/19	NR Ind: R
Component NEC: 733B	Related NEC:	Legacy NEC Code: 4151
Primary Advisor: OPNAV(N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

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.

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 Snipe). The list of qualifying commands will be agreed to by Commander Naval Surface Forces (CNSF), BUPERS-32 and PERS-40 and will be maintained in a PERS-40 Standard Procedures Detailing Memorandum for Top Snipes. Tours may include assignments to repair facilities, Afloat Training Groups, and/or selected instructor tours.

Source Rating: EM, EN, GS, GSE, GSM, MM	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 9	ESTB Date: 4/11/14 REV Date: 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.

Source Rating: DC, EM, EN, GS, GSE, GSM, HT, MM, MR	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-651-0110	CDP: 732X, 732W
	A-4H-0178	3977
	A-4H-0157	444Y
	A-4H-0158	444Z
	A-4H-0159	445A
	A-4H-0160	445B
	A-4H-0005	07S2
	A-4H-0007	07TO
Sequence Code: 3	A-4H-7201	18V0
Component NEC:	ESTB Date: REV Date: 10/5/18	NR Ind: R
Primary Advisor: OPNAV (N96)	Related NEC:	Legacy NEC Code: 4206
	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-720-4223	CDP: 02HZ, 670J, 670K, 670R, 670S, 670T
Sequence Code: 3	ESTB Date: 10/8/13 REV Date: 3/1/18	NR Ind: A
Component NEC: 742B	Related NEC:	Legacy NEC Code: 4228
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.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-652-4142 (P/L)	CDP: 02JO, 13LR, 13LT, 14AJ, 14AK, 14AL, 14AM, 14AN, 14AP, 14AR, 14HV, 14HX, 15YF, 15YG, 15YH, 15YJ, 15YK, 15YL, 15YM, 15YN, 15YP, 15YR, 15YS, 15YU, 17PA, 734Y, 734Z, 7357
Sequence Code: 3	ESTB Date: 10/8/13 REV Date: 6/11/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4229
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.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.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-690-0028	CDP: 703C
Sequence Code: 4	ESTB Date: REV Date: 7/13/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4295
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.

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4302
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, SPECWAR	ECM: BUPERS-32

NOTES:
1. Personnel completing USCG course of instruction and have Commanding Officers' recommendation can be awarded this NEC. Submit NAVPERS 1221/6 to PERS-4013D2.
2. Last reviewed during "NAVMAC Periodicity Review" completed 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	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: S-062-2001	CDP: 12VH
Sequence Code: 4	ESTB Date: 9/10/15 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4307
Primary Advisor: NECC	Technical Advisor: CRG-1/CRG-2	ECM: BUPERS-32

NOTES:
1. Member must have completed special qualifications/requirements for initial/basic entry into the Coastal Riverine Force, which are listed in detailed in the MILPERSMAN 1300–803.
2. NAVPERS 1221/6 shall be submitted to PERS-4013 by the Commanding Officer. Award NEC code 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	Personnel Paygrades: E3-E9
Source Rating: GSE	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-652-0017	CDP: 06SS
Sequence Code: 4	ESTB Date: REV Date: 9/24/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4324
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	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 - LSD 41/49 Class Colt Pielstick Maintainer

Operates and performs organizational maintenance on the Colt Pielstick 2.5V diesel engines and associated ancillary equipment.

Source Rating: EN	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0323	6CDP: 005J
Sequence Code: 4	ESTB Date: REV Date: 5/7/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4333
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Member must complete prerequisite CIN: A-652-0320 (DIESEL ENG CCORE) prior to attending CIN: A-652-0323.
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 "EN TRR" completed 5/7/20.

U25A - LSD-41 Class Propulsion Technician

Safely operates the Advanced Engineering Control System-Machinery Control System (AECS-MCS) using Engineering Operational Sequencing System (EOSS) procedures onboard upgraded LSD 41/49 Class Ships. Operates and performs organizational maintenance on the LSD-41/49 Class AECS propulsion system. Calibrates, inspects, assembles, disassembles, troubleshoots, and overhauls the Colt-Pielstick propulsion diesel, its associated subsystem and power trains.

Source Rating: EN	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0349 (P/L)	CDP: 594T
Sequence Code: 4	ESTB Date: 7/17/09 REV Date: 4/15/20	NR Ind: R
Component NEC: U24A	Related NEC:	Legacy NEC Code: 4334
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "EN TRR" completed 4/15/20.

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.

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: R
Component NEC:	Related NEC:	Legacy NEC Code: 4355
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Course prerequisite is K-652-2146 Engineering Hydraulic Systems and Components Basic.
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: E4-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: 011Q
Sequence Code: 4	ESTB Date: 4/78 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.

Source Rating: MR	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-702-0029 (P/L)	CDP: 5251
Sequence Code: 3	ESTB Date: REV Date: 12/12/19	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 4402
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: MR	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-702-0025	CDP: 12JS
Sequence Code: 3	ESTB Date: REV Date: 1/10/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 4404
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: MR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-702-4405	CDP: 02HU, 12F9, 12GT, 13AF, 13MA, 721M, 721N, 721S, 721T, 721U, 721V, 721W
Sequence Code: 3	ESTB Date: 10/8/13 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4406
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUEPRS-32

NOTE: Award of this NEC code is based on documented completion of tasks for this skill; demonstration of advanced-level proficiency during hands-on training; and production work specified in the current 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.

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.

Source Rating: GS, GSM, MM, MR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-652-4542 (P/L)	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
Sequence Code: 3	ESTB Date: REV Date: 2/5/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4542
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 JQR located at 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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-662-0017	CDP: 4020
Sequence Code: 2	ESTB Date: 6/26/14 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4602
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: BUPERS-32

NOTES:
1. A minimum of one year in an operating billet.
2. Non A school (A-100-0102/A-100-0101 and A-662-0002) graduates must have successfully completed NAVEDTRA, Navy Electricity and Electronics Training Series Modules 1, 2, 3, 5, 7, 8, 9, 13, 15, 16, and Mathematics Part 1 within one year prior to attending this course.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-662-0050(P/L)	CDP: 12EN, 12EP
	J-662-0049	11RE, 11RF
	A-652-9003	10XW, 10XX, 10XY
	J-662-0048	11PX, 11PY
	J-662-0044	015W, 527Z
	J-662-0045	05B2, 05B4
Sequence Code: 4	ESTB Date: 5/24/16 REV Date: 3/1/18	NR Ind: R
Component NEC: 733B	Related NEC:	Legacy NEC Code: 4603
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-652-9012	CDP: 13LK
	A-651-0110	732W, 732X
Sequence Code: 4	ESTB Date: 9/9/16 REV Date: 3/1/18	NR Ind: R
Component NEC: 4149 and U16A	Related NEC:	Legacy NEC Code: 4604
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-662-0131 (P/L)	CDP: 095D
Sequence Code: 4	ESTB Date: REV Date: 7/13/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4626
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 "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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-662-4651 (P/L)	CDP: 02HR, 12FE, 12GV, 13BT, 13MF, 682U, 6830, 6831, 6832
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4651
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.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-662-4650 (P/L)	CDP:02HP, 13KW, 13M1, 727E, 727F, 727L, 727M, 727N
Sequence Code: 3	ESTB Date: 7/30/13 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4652
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.

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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-647-0019	CDP: 06ST
Sequence Code: 4	ESTB Date: REV Date: 7/13/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4666
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 "EM TRR" completed 7/13/18.

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: C-604-2013	CDP: A03M
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4672
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

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: 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.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: JQR, OJT	CIN: V-700-4911 (P/L)	CDP: 02HS, 12FS, 12GW, 12ZX, 13MM, 14N5, 14N6, 14N7, 14N8, 14N9, 14NA, 14NB, 16B1, 16B2, 16B3, 16B4, 16B5, 16B6, 16B7, 16B8, 16B9, 16BA, 16BB, 16BC, 16BD, 17PD, 18Y5, 20H7, 725F, 725M, 725N, 725P
Sequence Code: 3	ESTB Date: REV Date: 9/19/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4911
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.navy.deps.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.

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 CHNAVPERS (Pers-402). This request must discuss the reason for the extension. Subsequent to initial certification or recertification the inspector/examiner must maintain certification when assigned to an NDT billet regardless of the duties to which assigned. NEC codes 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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-701-0033	CDP: 576W
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4942
Primary Advisor: OPNAV (N96)/(N97)	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	Billet Paygrades: E4-E6	Personnel Paygrades: E4- E9
Course: Mandatory	CIN: A-701-0057	CDP: 576Y
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: U48A	Related NEC:	Legacy NEC Code: 4943
Primary Advisor: OPNAV (N96)/(N97)	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	Billet Paygrades: E4-E6	Personnel Paygrades: E4- E9
Course: Mandatory	CIN: A-701-0058	CDP: 576Z
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: U48A	Related NEC:	Legacy NEC Code: 4944
Primary Advisor: OPNAV (N96)/(N97)	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	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: U49A or U50A	Related NEC:	Legacy NEC Code: 4946
Primary Advisor: OPNAV (N96)/(N97)	Technical Advisor: NAVSEA 04	ECM: BUPERS-32

NOTES:

1. To be awarded upon successfully certifying as an Examiner in the VT, MT, PT and one or both UT and RT inspection methods for Nonnuclear applications. Certification examinations shall be administered in accordance with NSTM Chapter 074 Volume 2. Applicant must have a minimum or one year as a 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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-711-4952 (P/L)	CDP: 02HW, 13A5, 13JA, 13J6, 13J7, 13J8, 13J9, 732G, 732H, 732N, 732P, 732R
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4952
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.

U53A - Advanced Welder

Qualified under NAVSEA 05 Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification, to perform categories A, B, C, D and E welds of NAVSEA 05 Technical Manual S9086-CH-STM-010/CH-074, Welding and Allied Process.

Source Rating: HT	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-701-0027	CDP: 4899, 4898
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4955
Primary Advisor: OPNAV (N96)/(N97)	Technical Advisor: NAVSEA 05	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/Brazer

Performs NAMTS operational and intermediate level maintenance procedures in welding plate or pipe and insert or face feed brazing. Demonstrates knowledge of operational and intermediate level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of industrial machinery.

Source Rating: HT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: OJT, JQR	CIN: V-700-4959 (P/L)	CDP: 13N2, 13N3, 13N4, 13N5, 13N6, 13N7, 13N8, 13N9, 13NA, 13NB
Sequence Code: 3	ESTB Date: 7/28/16 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4957
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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/.
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.

Source Rating: GS, GSE	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0329 A-652-0430 A-651-9007	CDP: 004X 14VA 11MX, 11MY, 18M7
Sequence Code: 3	ESTB Date: 10/2/17 REV Date:	NR Ind: R
Component NEC:	Related NEC: U05A	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (05)	ECM: BUPERS-32

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.

Source Rating: EM, IC	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: C-604-2032	CDP: 18MN
Sequence Code: 4	ESTB Date: 12/4/17 REV Date: 11/19/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4601
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.

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.

Source Rating: MM	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-652-8000	CDP: 18GG
Sequence Code: 3	ESTB Date: 6/28/18 REV Date: 8/21/18	NR Ind: R
Component NEC: U59A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N95)/(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: EM	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-690-0800	CDP: 17ZV, 17ZW
Sequence Code: 4	ESTB Date: 6/28/18 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N95)/(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-690-0801	CDP: 17ZX,17ZY
Sequence Code: 4	ESTB Date: 6/28/18 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N95)/(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-690-0122	CDP: 13T0
Sequence Code: 3	ESTB Date: 10/30/18 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (05)	ECM: BUPERS-32

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	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-651-9019 (P/L)	CDP: 20B5
Sequence Code: 3	ESTB Date: 2/5/19 REV Date: 3/12/19	NR Ind: R
Component NEC: 731A, 746A	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.

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	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-662-0015	CDP: 17ZS
Sequence Code: 3	ESTB Date: 2/5/19 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0365 (P/L)	CDP: 19HN
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.

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 - Amphibous Command Ship (LCC)/Landing Helicopter Dock (LHD) Steam Plant Operations (SPO) Qualified
Identifies personnel who have completed an assignment onboard a qualifiying 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 NAVEDTRA 43521-0B LHD-1 Engineering Officer of the Watch (EOOW) PQS or NAVEDTRA 43132-OC LCC-19 Class Engineering Officer of the Watch (EOOW) PQS; for lower watchstations NAVEDTRA 43708-LHD-1 Main Propulsion PQS or NAVEDTRA 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 sytems 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 (HMIs), 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:	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 sytems 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 (HMIs), 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:	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 eligiable 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.

U72A - DDG-51 IIA Gas Turbine Mechanical 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 mechanical plant control systems.

Source Rating: GS, GSM	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0366 (P/L)	CDP: 21FP
Sequence Code: 3	ESTB Date: 3/31/20 REV Date:	NR Ind: R
Component NEC:	Related NEC: U06A, U12A	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 undesignated 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:	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 journeymen-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	Billet Paygrades:	Personnel Paygrades: E1-E4
Course: Mandatory	CIN: A-100-0093	CDP: 10MY
Sequence Code: 6	ESTB Date: 1/28/20 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (PMS 339)	ECM: BUPERS-32

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	Billet Paygrades:	Personnel Paygrades: E2-E4
Course: Mandatory	CIN: A-100-0152	CDP: 19XE
Sequence Code: 6	ESTB Date: 1/28/20 REV Date:	NR Ind: A
Component NEC: V031	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (PMS 339)	ECM: BUPERS-32

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	Billet Paygrades:	Personnel Paygrades: E2-E3
Course: Mandatory	CIN: A-100-0094	CDP: 10MZ
Sequence Code: 6	ESTB Date: 2/28/20 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (PMS 339)	ECM: BUPERS-32

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0341	CDP: 12VP, 12VR
Sequence Code: 4	ESTB Date: 7/18/17 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
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.

V00B - Radar (AN/SPS-40E) Technician

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1511
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

V00C - AEGIS Computer Network Technician (ACNT) Mark (Mk) 6 Mod 0
Performs maintenance on AEGIS Weapon System (AWS) Mk 6 MOD 0 Computing Infrastructure (ACI) Client/Server Nodes and Networks, supported by core courses of Computer Networking, UNIX/Linux Operating System, and CISCO IOS training. Maintains the AWS Enterprise Computing Network of Layer 2 (switching) and Layer 3 (routing) switch devices and their interfacing nodes including the Mission Critical Equipment (MCE) cabinets containing the subassemblies of CISCO Nexus network switches, Themis RES Servers purposed as Network Attached Storage (NAS) servers, DOT Hill Storage Area Network (SAN), Emerson ATCA AXP1440 Tactical Server Chassis containing ATCA-7480 Blades, ATCA-F140 Network Switches, ATCA-PEM (Power Entry Modules), ATCA-Shelf Managers, as well as the Thin Client Display group. Maintains the Common Display (CDS) display consoles with locally installed Themis processors used to support all ship's missions including BMD. Maintains the Digital Video Distribution System (DiVDS) MCE cabinets for large screen, status board video projection, including various video inputs from surveillance cameras and video players as well as the Data Distribution System MCE cabinet equipment that provides the tactical radar sweep and video to the CDS display consoles. AEGIS Combat System (ACS) equipment maintained by the ACNT technician includes the cooling water skid, the T52 Training Interface Unit (TIU) used with the Advanced Training Domain (ATD), the Secure Voice System (SVS), surveillance cameras, and the Gun Weapon System (GWS) processors and CDS consoles. Operates and maintains the Operational Readiness Test System (ORTS) Servers, Thin Client Displays (TCD), Virtual Data Acquisition Converters (VDAC) and Data Busses for testing and Fault Detection/Fault Isolation (FD/FI) for the AWS.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-150-9041 (P/L)	CDP: 19LE
Sequence Code: 3	ESTB Date: 6/30/20 REV Date:	NR Ind: R
Component NEC:	Related NEC: V69A	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA PMS 339	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Attendance in the Fire Controlman (FC) class 'A' school, Networking or Tactical Operating Environment (TACTOE) course (A-150-0195), and AEGIS Fundamentals and Auxiliary Cooling Group (A-104-2000) is a prerequisite for attending A-150-9041 (P/L) course.

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0047	CDP: 09M6
Sequence Code: 5	ESTB Date: 11/21/11 REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC: V17A, V21A, V26A, V15A	Legacy NEC Code: 1050
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Secret security clearance required.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2069 (P/L)	CDP: 6201
Sequence Code: 5	ESTB Date: REV Date: 3/12/18	NR Ind: R
Component NEC: V03B, V04B	Related NEC:	Legacy NEC Code: 1517
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 3/12/18.

V01C - AEGIS Weapon System (AWS) Mark (Mk) 6 Mod 0 AEGIS Computer Network Technician (ACNT) 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 Mk 6 Mod 0 upgrades including the interface with other systems.

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN: A-150-4229 (P/L)	CDP: 19LL
Sequence Code: 3	ESTB Date: 6/30/20 REV Date:	NR Ind: R
Component NEC: V24A or V36A or V37A or V42A or V44A or V50A or V69A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV N96	Technical Advisor: NAVSEA PMS 339	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending the A-150-4229 course. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-4220 course for awarding proposed NEC code.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0048	CDP: 09M9, 09MA
Sequence Code: 5	ESTB Date: 2/2/12 REV Date: 10/1/17	NR Ind: A
Component NEC: V19A	Related NEC:	Legacy NEC Code: 1080
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-4020 (P/L)	CDP: 19C5, 19C6
Sequence Code: 4	ESTB Date: REV Date: 11/6/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1520
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "ET TRR" completed 11/6/17.

V02C - AEGIS Weapon System (AWS) Mark (Mk) 6 Mod 0 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 Mk 6 Mod 0 upgrades including the interface with other systems.

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN: A-150-4229 (P/L)	CDP: 19LL
Sequence Code: 3	ESTB Date: 6/3020 REV Date:	NR Ind: R
Component NEC: V23A or V28A	Related NEC: V47A, V54A, V59A, V63A	Legacy NEC Code:
Primary Advisor: OPNAV N96	Technical Advisor: NAVSEA PMS 339	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending the A-150-4229 course. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-4229 course for awarding proposed NEC code.

V03A - AEGIS Computer System Ballistic Missile Defense (BMD) 4.X Technician
Performs preventive and corrective maintenance on the BMD 4.X system and associated components following the BMD 4.X installation. Technicians perform maintenance including fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the BMD 4.X Operational Readiness Test System (ORTS) and supporting work package documentation.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-4208	CDP: 09MP
Sequence Code: 3	ESTB Date: 4/10/2012 REV Date: 10/1/17	NR Ind: R
Component NEC: V11A or V24A	Related NEC:	Legacy NEC Code: 1091
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

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

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2025	CDP: 5855
Sequence Code: 5	ESTB Date: REV Date: 3/12/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1529
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 3/12/18.

V03C - AEGIS Weapon System (AWS) Mark (Mk) 6 Mod 0 AEGIS Radar System SPY-ID 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 Mk 6 Mod 0 upgrades including the interface with other systems.

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-150-4229 (P/L)	CDP: 19LL
Sequence Code: 3	ESTB Date: 6/30/20 REV Date:	NR Ind: R
Component NEC: V04A or V13A or V16A or V43A or V70A or V71A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA PMS 339	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisiste to attending the A-150-4229 course. Attendance in the BMD 5.0 employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-4229 course for awarding proposed NEC code.

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.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-4000 (P/L)	CDP: 09MR
Sequence Code: 3	ESTB Date: 3/14/2012 REV Date: 10/1/17	NR Ind: R
Component NEC: V13A or V16A	Related NEC:	Legacy NEC Code: 1093
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

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 Airport Surveillance Radar (DASR)

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

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2018	CDP: 6039
Sequence Code: 5	ESTB Date: REV Date: 3/12/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1530
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 3/12/18.

V04C - AEGIS Weapon System (AWS) Mark (Mk) 6 Mod 0 Supervisor

Directs and coordinates work performed by assigned technicians in the functional integration and operation of all elements of the AWS Mk 6 Mod 0 upgrades including the interface with other systems. Organizes equipment technicians as a system team. Directly supervises efforts of AWS technicians. Assists maintenance officer with scheduling equipment maintenance requirements.

Source Rating: FCA	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Factory Training	CIN: A-150-4229 (P/L)	CDP: 19LL
Sequence Code: 2	ESTB Date: 7/2/20 REV Date:	NR Ind: R
Component NEC: V01C or V02C or V03C	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV N96	Technical Advisor: NAVSEA PMS 339	ECM: BUPERS-32

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) is a prerequisite to attending the A-150-4229 course. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-4229 course for awarding this NEC code.
3. Personnel in paygrade E6 who previously earned Component NEC V01C or V02C or V03C may be awarded this NEC code upon advancement to E-7.
4. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) to request NEC code is required.

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.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-4001 (P/L)	CDP: 09NO
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC: V14A or V23A	Related NEC:	Legacy NEC Code: 1094
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

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).

Source Rating: ET	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2115 (P/L)	CDP: 708F
Sequence Code: 5	ESTB Date: REV Date: 3/12/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1570
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

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: 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: 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: 07S7
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: 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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 3/12/18	NR Ind: R
Component NEC:	Related NEC: V08B	Legacy NEC Code: 1578
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05	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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0062 (P/L)	CDP: 11CG
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC: V24A	Related NEC:	Legacy NEC Code: 1111
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	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, sub-assemblies, and printed circuit cards.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2037	CDP: 706T
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC: V29B	Legacy NEC Code: 1579
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSEA 05, SPAWAR	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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-121-0057 (P/L)	CDP: 10KX
Sequence Code: 3	ESTB Date: REV Date: 7/13/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1112
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: 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.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0063 (P/L)	CDP: 11CL
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC: V16A	Related NEC:	Legacy NEC Code: 1113
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

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).

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2046	CDP: 706X
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1590
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

V14A - AEGIS Fire Control System MK-99/Operational Readiness Test System/Ballistic Missile Defense (BMD) 3.6 Technician

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

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0061 (P/L)	CDP: 11CF
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC: V23A	Related NEC:	Legacy NEC Code: 1114
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

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.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2063	CDP: 5255
Sequence Code: 5	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1592
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: FC	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0009	CDP: 04ZF
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC: V26A, V17A, V21A	Legacy NEC Code: 1116
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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)1 Tactical Computer Console (TCC), OL-724 Computer Groups, Tactical, Ship Self Defense (V1, V2 and V3), and automated Status Boards (ASTABS). Additional training includes associated AN/USQ-46(V) Battle Force Tactical Training (BFTT) System, ON-201(V) 1/UYQ-21(V) Intercommunications Interconnecting Group, and OJ-719(V) AN/SPS-48 Radar Set Control Console. Performs system level troubleshooting, Lowest Replaceable Unit (LRU) removal and replacement procedures, system monitoring, network manipulations, such as program load; initiation, transcription, copying, system security, addressing, and interface testing.

Source Rating: FC	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-150-1981	CDP: 05B3
Sequence Code: 3	ESTB Date: REV Date: 9/19/19	NR Ind: R
Component NEC:	Related NEC: V18B	Legacy NEC Code: 1601
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0070 (P/L)	CDP: 11FK
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1119
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 1/1/1970 REV Date: 5/29/18	NR Ind: R
Component NEC: V15B or V17B or V18B or V19B	Related NEC:	Legacy NEC Code: 1615
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. NEC code may be assigned to personnel who have three years supervisory experience in 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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 5/29/18.

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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0131	CDP: 574Z
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC: V15A, V21A, V26A	Legacy NEC Code: 1120
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0119 (P/L)	CDP: 11TW
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1624
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1121
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-150-0029	CDP: 637T
Sequence Code: 3	ESTB Date: REV Date: 9/19/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1628
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	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	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-113-0043	CDP: 08FS, 08FT
Sequence Code: 5	ESTB Date: REV Date: 11/14/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1122
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-121-0015	CDP: 627J, 981T
Sequence Code: 4	ESTB Date: REV Date: 5/29/18	NR Ind: N
Component NEC:	Related NEC: V41A	Legacy NEC Code: 1136
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0125	CDP: 582L
Sequence Code: 4	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC: V17A	Related NEC: V15A, V26A	Legacy NEC Code: 1139
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-0271	CDP: 590Z
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1658
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-104-0206	CDP: 574U
Sequence Code: 5	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1140
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: C-101-4003 (P/L)	CDP: 10UL
Sequence Code: 3	ESTB Date: 6/14/10 REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1690
Primary Advisor: OPNAV (N98)	Technical Advisor: SPAWAR PMW-750	ECM: BUPERS-32

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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0072 (P/L)	CDP: 11FM
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1143
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO ISW 1.0	ECM: BUPERS-32

NOTE: Secret security clearance required.

V23B - Data Link Communications System Maintenance Technician

Performs alignments and adjustments, fault detections and isolations, corrective maintenance procedures, and selective preventative maintenance procedures on: AN/USQ-125 CDS Data Link Terminal Set, MK-162 MOD 1 Ship Gridlock System, SSW-1 Data Terminal Set, SSW-2 Data Terminal Set, USQ-118 Data Terminal Set, AN/URC-93 UHF Radio Set, AN/URC-107 Joint Tactical Information Distribution System, AN/URC-141 Multifunctional Information Distribution System, Command and Control Processor System, Common Data Link Management System, and Link Systems.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0148	CDP: 577N
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9604
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0288 (P/L)	CDP: 11EA
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1144
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTE: Secret security clearance required.

V24B - Naval Modular Automated Communications Systems II (NAVMACS II) Maintenance Technician

Performs preventive and corrective maintenance on all versions of the NAVMACS II systems, including AN/SYQ-7A(V), AN/SYQ-7B, AN/SYQ-7B(V) PC Variant, AN/SYQ-26(V)1, 2, 3 & 4 (SMS), and AN/SYQ-26(V)7 TMS.

Source Rating: ET	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-101-0266	CDP: 478U, 478V
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9605
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0196	CDP: 749F
Sequence Code: 4	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC: V21A	Related NEC: V15A	Legacy NEC Code: 1146
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

V26B - High Frequency Radio Group (HFRG) Maintenance Technician
Performs organizational level preventive and corrective maintenance on AN/URC-(131) HFRG systems.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0248	CDP: 478T
Sequence Code: 4	ESTB Date: REV Date: 8/14/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9607
Primary Advisor: OPNAV (N2N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

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.

Source Rating: FC	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-104-0204	CDP: 574T
Sequence Code: 2	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1147
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0215	CDP: 006H
Sequence Code: 5	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9608
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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).

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0073 (P/L)	CDP: 11FN
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1148
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

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.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0222	CDP: 478W
Sequence Code: 4	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9610
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 9/19/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1149
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-103-2038	CDP: 01JL
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC: V34B	Related NEC:	Legacy NEC Code: 9614
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0052	CDP: 647L, 00A0
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1152
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0230	CDP: 00SP
Sequence Code: 4	ESTB Date: REV Date: 9/19/19	NR Ind: N
Component NEC:	Related NEC: V27B	Legacy NEC Code: 9615
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-104-0231	CDP: 00EV
Sequence Code: 4	ESTB Date: REV Date: 9/19/19	NR Ind: R
Component NEC: V27A	Related NEC:	Legacy NEC Code: 1156
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-471)	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. Prepares SSDS MK 1 for tactical, training, or testing operations and monitors system performance during operations. SSDS MK 1 equipment consists of the OK-644(V) Command Control Group, Single and Multi LAN Access Unit (LAU) Cabinets (SLCs and MLCs), Large Screen Projectors, Fiber Optic Data Distribution and ETHERNET interfaces, and associated File Servers and Application Processors. Directs or performs maintenance activities that may affect the operating system, such as using UNIX (HP-UX) networking utilities and commands needed to support the maintenance philosophy.

Source Rating: FC	Billet Paygrades: E4-E7	Personnel Paygrades: 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)	CDP: 19EP, 19ER
Sequence Code: 4	ESTB Date: 6/25/15 REV Date: 9/19/19	NR Ind: R
Component NEC:	Related NEC: V77A, V78A, V79A, V87A	Legacy NEC Code: 9620
Primary Advisor: OPNAV(N2/N6)	Technical Advisor: SPAWAR, PMS- 339, NAVIDFOR	ECM: BUPERS-32

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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC: V33A, 704B	Related NEC:	Legacy NEC Code: 1165
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

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-E7
Course: Mandatory	CIN: C-103-2117	CDP: 708H
Sequence Code: 4	ESTB Date: 2/17/16 REV Date: 12/3/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9621
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR (PMA213)	ECM: BUPERS-32

NOTE: 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	CDP: 197W, 0280
Sequence Code: 5	ESTB Date: REV Date: 9/19/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1169
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 6/10/16 REV Date: 10/1/17	NR Ind: N
Component NEC: V23B and V33B and V84A	Related NEC:	Legacy NEC Code: 9622
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA PMS 339	ECM: BUPERS-32

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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0929 (P/L)	CDP: 11FB
Sequence Code: 3	ESTB Date: REV Date: 4/18/19	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1318
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. NEC code awarded 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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0361	CDP: 12MZ, 12N0
Sequence Code: 4	ESTB Date: 10/5/16 REV Date: 10/1/17	NR Ind: A
Component NEC: 728A	Related NEC: V92A	Legacy NEC Code: 9623
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR, NAVSEA (05), NAVCYBERFOR	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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0933 (P/L)	CDP: 11FG
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1322
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	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	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: A-101-0138	CDP: 4323, 452L
	A-160-0116	213J, 453W
	A-101-0148	577N
	A-101-1003	10H6, 10H7
Sequence Code: 4	ESTB Date: 2/14/17 REV Date: 10/1/17	NR Ind: N
Component NEC: 728A and V23B and V33B and V84A or 728A and V35B	Related NEC:	Legacy NEC Code: 9624
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA PMS 500	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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-113-0065	CDP: 738A
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1324
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-2300	CDP: 5781, 5791
	A-101-0266	478U, 478V
	A-670-0017	11YW
Sequence Code: 4	ESTB Date: 2/8/17 REV Date: 10/1/17	NR Ind: N
Component NEC: 731A and V24B and V31B	Related NEC:	Legacy NEC Code: 9625
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA PMS 500	ECM: BUPERS-32

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: S-150-1001	CDP: 3013
Sequence Code: 5	ESTB Date: REV Date: 9/19/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1325
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-465)	ECM: BUPERS-32

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-113-0055	CDP: 09PA
Sequence Code: 5	ESTB Date: 4/18/16 REV Date: 3/1/18	NR Ind: A
Component NEC: V02A	Related NEC:	Legacy NEC Code: 9801
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-113-0162	CDP: 316K
Sequence Code: 5	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1326
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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:	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	ECM: BUPERS-32

NOTES:
1. Member must complete mission package (MP) unique training, and COMLSCRON training to be awarded this NEC code.
2. 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: A-113-0049 K-2G-0127 K-121-0181 or K-221-0165	CDP: 10P3, 10P4 06MV, 378H, 7420, 767D, 991F, 991G 587D, 741Z, 767E, 06MU, 991D, 991E or 00SM, 07J5, 07J6, 07J7, 07J8, 07J9
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	ECM: BUPERS-32

NOTES:
1. Per guidance set forth in NTP S-30-9411, upon assignment to staff duty, (group and numbered fleets) personnel awarded this NEC code must attend two additional courses: CINs: K-2G-3005 and J-2F-2100.
2. Prospective Staff Tomahawk Employment Assistants should utilize a "Functional Area Code" (FAC) in the manning requisition, requiring this additional training.

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
Course: Mandatory	CIN: A-101-0212	CDP: 633G, 633H
Sequence Code: 4	ESTB Date: REV Date: 8/24/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1410
Primary Advisor: OPNAV (N2N6)	Technical Advisor: SPAWAR, NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0930 (P/L)	CDP: 11FE
Sequence Code: 3	ESTB Date: REV Date: 4/18/19	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1335
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-150-0195) 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/WQC-2/2A Sonar Communications Set. Identify acoustic signatures to source. Operate the following subsystems; AN/SQQ-28(V) Sonar Signal Processing System, AN/SQR-19(V) TACTAS, AN/UYQ-25A(V)2 or AN/UYQ-25B and the AN/SQS-53B Sonar System.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-130-1131 (P/L) K-130-0282	CDP: 235J 091F
Sequence Code: 5	ESTB Date: 4/1/1987 REV Date: 10/15/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0414
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

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.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-104-0071 (P/L)	CDP: 11FL
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1337
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

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.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-130-1135 (P/L)	CDP: 235N
Sequence Code: 5	ESTB Date: 4/1/1989 REV Date: 5/29/18	NR Ind: N
Component NEC: V84B	Related NEC:	Legacy NEC Code: 0415
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

NOTES:
1. Personnel who previously completed K-130-1123 or K-130-0272 are eligible to be awarded 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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0931 (P/L)	CDP: 11FD
Sequence Code: 3	ESTB Date: REV Date: 4/18/19	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1339
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-150-0195) 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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: K-210-0500	CDP: 1271
Sequence Code: 2	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: V47B, V56B	Related NEC:	Legacy NEC Code: 0417
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Member must also complete Underwater Fire Control System (UFCS) training via one of the following courses: CIN: K-130-1149, 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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-121-0547	CDP: 198N
Sequence Code: 3	ESTB Date: REV Date: 5/29/18	NR Ind: N
Component NEC: V46A, V47A, V48A, V49A	Related NEC:	Legacy NEC Code: 1340
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. This NEC code is awarded based on advancement to E-7 of personnel who hold one of the component NEC codes.
2. Secret secur1ty clearance required.
3. Last reviewed during "NAVMAC Periodicity Review" completed 5/29/18.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-130-1149	CDP: 378N
Sequence Code: 4	ESTB Date: REV Date: 8/6/20	NR Ind: R
Component NEC: V84B or V50B	Related NEC:	Legacy NEC Code: 0430
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-411)	ECM: BUPERS-32

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.

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	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: V16A or V43A	Related NEC:	Legacy NEC Code: 1341
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.

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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-1134 (P/L)	CDP: 235M
Sequence Code: 5	ESTB Date: 4/1/1989 REV Date: 5/29/18	NR Ind: R
Component NEC: V84B	Related NEC:	Legacy NEC Code: 0455
Primary Advisor: OPNAV(N96)	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	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: V23A	Related NEC:	Legacy NEC Code: 1342
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.

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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: K-130-1157	CDP: 316S
Sequence Code: 5	ESTB Date: REV Date: 4/18/19	NR Ind: R
Component NEC: 709B	Related NEC: V56B	Legacy NEC Code: 0466
Primary Advisor: OPNAV (N96)	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-104-0062 (P/L)	CDP: 12J4
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, 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.

V49B - AN/SQS-53D Sensor Subsystem Level II Technician/Operator

Performs organizational level maintenance on subsystems including; AN/SQS-53D Sonar System, AN/UQN-4A/10 O&M Sonar Sounding Set and the AN/WQC-2/2A Sonar Communications Set. Identify acoustic signatures to source. Operate the following subsystem; AN/SQQ-28(V) Sonar Signal Processing System, AN/AQR-19 (V) TACTAS and AN/UYQ-25B (SIMAS).

Source Rating: STG	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-130-0052 (P/L)	CDP: 10FY
Sequence Code: 5	ESTB Date: REV Date: 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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-0932 (P/L)	CDP: 11FF
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1345
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Special qualification requires an FC-0000 Data Apprentice.
2. Secret security clearance required.

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-1159	CDP: 342P
Sequence Code: 5	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC: V84B	Legacy NEC Code: 0511
Primary Advisor: OPNAV (N96)	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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-150-9010	CDP: 10CS
Sequence Code: 5	ESTB Date: 6/16/14 REV Date: 10/1/17	NR Ind: N
Component NEC:	Related NEC: V39A	Legacy NEC Code: 1348
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA	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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-121-0005 (P/L)	CDP: 5584
Sequence Code: 3	ESTB Date: REV Date: 4/18/19	NR Ind: N
Component NEC: V53A, V54A, V55A	Related NEC:	Legacy NEC Code: 1350
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

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

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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: S-100-9035	CDP: 20B6
Sequence Code: 4	ESTB Date: 4/04 REV Date: 5/29/19	NR Ind: R
Component NEC: V55B	Related NEC:	Legacy NEC Code: 0522
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-104-0083(P/L)	CDP: 12J7
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC: V16A or V43A	Related NEC:	Legacy NEC Code: 1351
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.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-104-0083(P/L)	CDP: 12J7
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC: V23A	Related NEC:	Legacy NEC Code: 1352
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.

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-130-0061	CDP: 02VV
Sequence Code: 4	ESTB Date: 10/04 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0524
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-104-0083(P/L)	CDP: 12J7
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC: V24A or V36A or V37A or V42A or V44A or V50A or V69A	Related NEC:	Legacy NEC Code: 1355
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05, PEO IWS 1. 0	ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes V37A or V24A, ACNT difference course A-l50-5300/09XM is required.
2. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
3. Secret security clearance required.

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.

Source Rating: STG	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-130-0040 (P/L)	CDP: 09W1
Sequence Code: 4	ESTB Date: 10/04 REV Date: 9/19/19	NR Ind: R
Component NEC: V54B	Related NEC:	Legacy NEC Code: 0525
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: FCA	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-121-0700	CDP: 10YV, 10YW
Sequence Code: 3	ESTB Date: 1/7/15 REV Date: 10/1/17	NR Ind: R
Component NEC: V08A	Related NEC: V52A, V57A, V61A, V65A, V72A	Legacy NEC Code: 1356
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO IWS-1	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Graduates of COTS AEGIS Weapon System Supervisor COI's can attend the CSMM COTS CIN but will be unable to earn 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.

Source Rating: STG	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-130-0063	CDP: 02VX
Sequence Code: 3	ESTB Date: 10/04 REV Date: 3/1/18	NR Ind: R
Component NEC: 709B, V54B	Related NEC: V47B	Legacy NEC Code: 0527
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. NEC code 0527 is awarded upon completion of AN/SQQ-89A(V)15 Surface Ship USW Combat 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 waived 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 (BL7) Supervisor

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

Source Rating: FCA	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-121-0594 (P/L)	CDP: 12X2
Sequence Code: 3	ESTB Date: REV Date: 4/18/19	NR Ind: N
Component NEC: V58A, V59A, V60A	Related NEC:	Legacy NEC Code: 1360
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. This NEC code is awarded based on advancement to E-7 of personnel who hold one of the component NEC codes. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) requesting NEC code will be required.
2. Secret security clearance required.
3. 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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-102-0141	CDP: 10UN
Sequence Code: 4	ESTB Date: 5/10/13 REV Date: 9/19/19	NR IND: R
Component NEC: 713B	Related NEC:	Legacy NEC Code: 0541
Primary Advisor: OPNAV (N98)	Technical Advisor: PEO IWS 5.0	ECM: BUPERS-32

NOTES:
1. Secret Security Clearance required.
2. NEC code may be awarded to individuals who have completed AN/SQQ-34V2 In-Service Engineering Agent Factory Training.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-121-0594 (P/L)	CDP: 12X2
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC: V16A, V43A	Related NEC:	Legacy NEC Code: 1361
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.

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	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-130-0504	CDP: 07Z0
Sequence Code: 4	ESTB Date: 12/4/12 REV Date: 3/1/18	NR Ind: N
Component NEC: 714B	Related NEC:	Legacy NEC Code: 0552
Primary Advisor: OPNAV (N2N6)/(N96)/(N97)	Technical Advisor: PEO LMW PMS 485	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.

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-121-0594 (P/L)	CDP: 12X2
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC: V28A	Related NEC:	Legacy NEC Code: 1362
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.

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).

Source Rating: STG	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-130-0507	CDP: 07Z2
Sequence Code: 2	ESTB Date: 12/4/12 REV Date: 3/1/18	NR Ind: N
Component NEC: V58B	Related NEC:	Legacy NEC Code: 0553
Primary Advisor: OPNAV (N2N6)/(N96)/(N97)	Technical Advisor: PEO LMW PMS 485	ECM: PERS-32

NOTE: Secret security clearance required.

V60A - AEGIS Weapon System MK-7 (BL-7.X) Technician/AEGIS Computer Network Technician (BL-7.X) Supervisor

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

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-121-0594 (P/L)	CDP: 12X2
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC: V24A or V36A or V37A or V42A or V44A or V50A or V69A	Related NEC:	Legacy NEC Code: 1365
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes V37A or V24A, ACNT difference course A-l50-5300/09XM is required.
2. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.
3. Secret security clearance required.

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.

Source Rating: GM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: S-041-0006	CDP: 10X1
Sequence Code: 5	ESTB Date: 4/25/16 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0802
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05H	ECM: BUPERS-32

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: 12JJ
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)/12JJ 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: 12JJ
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)/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.

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.

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-104-0084	CDP: 12JJ
Sequence Code: 3	ESTB Date: REV Date: 12/19/19	NR Ind: N
Component NEC: V23A or V28A	Related NEC:	Legacy NEC Code: 1372
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)/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.

Source Rating: GM	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-113-2101 or A-113-2102	CDP: 735A or 735F
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: V62B	Related NEC:	Legacy NEC Code: 0880
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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).

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-104-0084	CDP: 12JJ
Sequence Code: 3	ESTB Date: REV Date: 12/19/19	NR Ind: R
Component NEC: V24A or V36A or V37A or V42A or V44A or V50A or V69A	Related NEC:	Legacy NEC Code: 1375
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Indviduals holding prerequisite NEC codes V24A or V37A, ACNT difference course A-l50-5300/09XM 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.

Source Rating: GM	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-121-0580	CDP: 627A, 627B
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: V65B	Related NEC: V66B	Legacy NEC Code: 0979
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-150-4219 (P/L)	CDP: 12CV
Sequence Code: 3	ESTB Date: 2/9/12 REV Date: 10/1/17	NR Ind: R
Component NEC: V66A or V67A or V68A	Related NEC:	Legacy NEC Code: 1380
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. NEC code awarded based on advancement to E-7 of personnel who have earned one of the component NEC codes. Submission of NAVPERS 1221/6 to NAVPERSCOM (PERS-4013) to request NEC code will be required.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to 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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-121-0522	CDP: 1993, 575C
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0981
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-4219 (P/L)	CDP: 12CV
Sequence Code: 3	ESTB Date: 2/9/12 REV Date: 10/1/17	NR Ind: R
Component NEC: V04A or V13A or V16A or V43A or V70A or V71A	Related NEC:	Legacy NEC Code: 1381
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-4219(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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: S-121-1000	CDP: 0136
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC: V65B	Related NEC:	Legacy NEC Code: 0983
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

V67A - AEGIS Weapon System (AWS) Technician Baseline 9A/AEGIS Fire Control System MK-99 Supervisor

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

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-4219 (P/L)	CDP: 12CV
Sequence Code: 3	ESTB Date: 2/9/12 REV Date: 10/1/17	NR Ind: R
Component NEC: V23A or V28A	Related NEC:	Legacy NEC Code: 1382
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-4219(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.

Rating: ET, IC	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-651-9008	CDP: 11MZ
Sequence Code: 4	ESTB Date: 8/27/15 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4705
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-4219 (P/L)	CDP: 12CV
Sequence Code: 3	ESTB Date: 2/2/12 REV Date: 10/1/17	NR Ind: R
Component NEC: V24A or V36A or V37A or V42A or V44A or V50A or V69A	Related NEC: V75A	Legacy NEC Code: 1385
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. If the individual holds prerequisite NEC codes V37A or V24A, ACNT difference course A-l50-5300/09XM is required.
2. Secret security clearance required.
3. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.

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.

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-623-0101	CDP: 713D
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4712
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Integrated Voice Communication System Terminal Maintenance (A-623-0106) is a prerequisite prior to attending CIN A-623-0101.

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.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-9020 (P/L)	CDP: 12LV
Sequence Code: 3	ESTB Date: 2/2/12 REV Date: 4/18/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1386
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Personnel awarded either 1090, V11A, V24A, V36A, V37A, V42A, V44A, or V50A NEC codes may earn this NEC code by attending difference course A-150-9019/12LU.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0195) 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.

Source Rating: IC	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-623-0022	CDP: 970H
Sequence Code: 4	ESTB Date: REV Date: 2/20/16	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4713
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

V70A - AEGIS AN/SPY-1 Radar System Baseline 9C BMD 5.0 Technician

Performs preventive and corrective maintenance on the (SPY-1D) B/L 9C Radar System and associated components following the Baseline 9 Destroyer (DDG 51-78) modernization program including the OL-771/SPY-1D Multi Mission Signal Processor (MMSP), OE-146/SPY-1D MOD Transmitter, Kill Assessment System (KAS) Warhead Data Receiver Cabinet MK 78 Mod 1, and modifications to the OE-375/SPY-1D Antenna Group. Operates the Radar System Controller Submode accessible on the Baseline 9C Common Display System (CDS) consoles under all conditions, tactical and test, in an Air Warfare and Ballistic Missile Defense environment. Performs maintenance including fault isolation, tests, alignments, and repair on assigned equipment at the organizational level using the Operational Readiness Test System (ORTS) MK 7 MOD 0 and supporting documentation.

Source Rating: FCA	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-9028(P/L)	CDP: 12M8
Sequence Code: 3	ESTB Date: 2/2/12 REV Date: 11/18/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1387
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Personnel awarded either V04A, V09A, V13A, V16A, V43A or V71A NEC codes may earn this NEC code by attending CIN/CDP: A-150-9030/12MA difference course.
3. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-9028 (P/L)/12M8 or the A-150-9030/12MA difference course and earn this NEC code.
4. To obtain NEC V70A, the AN/SPY-I 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. Isolates, identifies, and takes appropriate maintenance action through the utilization of on and off-line tests, test equipment, and user complaints. Ensures 24 hours-a-day operation during ship readiness conditions I through V.

Source Rating: IC	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-623-0002	CDP: 09R2
Sequence Code: 4	ESTB Date: 6/24/13 REV Date: 5/29/18	NR Ind: R
Component NEC:	Related NEC: V68B	Legacy NEC Code: 4717
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-150-9031 (P/L)	CDP: 12MB
Sequence Code: 3	ESTB Date: 2/2/12 REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1388
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Personnel awarded either V04A, V09A, V13A, V16A, or V43A NEC codes may earn this NEC code by attending CIN/CDP: A-150-9029/12M9 difference course.

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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: W-670-1000	CDP: 19HK
Sequence Code: 4	ESTB Date: REV Date: 5/8/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4727
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: A-150-4222 (P/L)	CDP: 12CY
Sequence Code: 2	ESTB Date: 2/9/12 REV Date: 10/1/17	NR Ind: R
Component NEC: V73A or V74A or V75A	Related NEC:	Legacy NEC Code: 1390
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attending A-150-4222 (P/L)/12CY course and earning the 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.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-670-0053	CDP: 295S
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 4738
Primary Advisor: OPNAV (N96)	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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-4222 (P/L)	CDP: 12CY
Sequence Code: 3	ESTB Date: 2/9/12 REV Date: 10/1/17	NR Ind: R
Component NEC: V04A or V13A or V16A or V43A or V70A or V71A	Related NEC:	Legacy NEC Code: 1391
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-4222 (P/L)/12CY course and earn this NEC code.
3. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-4222 (P/L)/12CY course for earning this NEC code.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.

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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-102-0256	CDP: 07HG
Sequence Code: 3	ESTB Date: 5/10/11 REV Date: 9/19/19	NR Ind: R
Component NEC:	Related NEC: V72B	Legacy NEC Code: 4739
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05H	ECM: BUPERS-322

NOTE: Successful completion of GEDMS Pre-Requisite training consisting of a self-paced Computer Based Training/Interactive Courseware (CBT/ICW) is required. This will be hosted on Navy E-Learning (NEL). The catalog number is CSCS-GEDMS-A-102-0256-00001. This CBT/ICW is to be completed within 60 days prior to reporting to GEDMS classroom training.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-4222 (P/L)	CDP: 12CY
Sequence Code: 3	ESTB Date: 2/9/12 REV Date: 10/1/17	NR Ind: R
Component NEC: V23A or V28A	Related NEC: V47A, V54A, V59A, V63A	Legacy NEC Code: 1392
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, PEO IWS 1.0	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Attendance in a Networking or Tactical Operating Environment (TACTOE) course (A-150-0194 or A-150-0195) is a prerequisite to attend A-150-4222 (P/L)/12CY course and earn this NEC code.
3. Attendance in the BMD 5.0 Employment pipeline A-150-5000/09UU is a requirement after attendance in the A-150-4222 (P/L)/12CY course for earning this NEC code.
4. E5 personnel must have a minimum of two years operational AEGIS experience before attending course.

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. Isolates, identifies, and takes appropriate maintenance action through the utilization of online and offline tests, test equipment, and user complaints. Ensures 24-hour-a-day operation during ship readiness conditions I through V.

Source Rating: IC	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 Baseline 9C AEGIS Computer Network Technician Supervisor

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

Source Rating: FCA	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-150-4222 (P/L)	CDP: 12CY
Sequence Code: 3	ESTB Date: 2/2/12 REV Date: 10/1/17	NR Ind: R
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-l50-5300/09XM 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

Operates and performs organizational level maintenance on the Integrated Launch and Recovery Television Surveillance (ILARTS) System.

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-191-0011	CDP: 160D
Sequence Code: 4	ESTB Date: REV Date: 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

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

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0011	CDP: 9387
Sequence Code: 4	ESTB Date: REV Date: 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.

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-191-0010	CDP: 160C
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4746
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVAIR, NAVSEA 05	ECM: BUPERS-32

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 trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0147	CDP: 651H, 651G
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC: V77A, V79A	Legacy NEC Code: 1405
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

V78B - Broadcast Engineering Technician

Performs organizational, intermediate and depot-level maintenance on shipboard SITE systems and commercial broadcast standard radio, television, satellite, and transmissions equipment. Designs integration of and installs broadcast components for full system operations. Maintains and operates broadcast control, distribution, redistribution, and production subsystems.

Source Rating: IC	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: S-198-0053	CDP: 959L
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: V77B	Related NEC:	Legacy NEC Code: 4747
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.
   4. An ACDUTRA performance evaluation by a NBS activity.

b. Upon receipt of all items listed above, NBS will convene a board to consider all applicatants. 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 trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-101-0145	CDP: 651D, 651E
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC: V77A, V78A	Legacy NEC Code: 1406
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05, SPAWAR (PMW 170)	ECM: BUPERS-32

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.

Source Rating: IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-623-2751	CDP: 722A
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4777
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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:	CIN:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 9/19/19	NR Ind: A
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	CDP: 201G
Sequence Code: 4	ESTB Date: REV Date: 9/19/19	NR Ind: N
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: C-198-2010	CDP: 390M
Sequence Code: 4	ESTB Date: REV Date: 9/24/18	NR Ind: R
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	CDP: 632N
Sequence Code: 4	ESTB Date: REV Date: 9/19/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4787
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

V82A - Surface HF Communications System Maintenance Technician

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

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0258	CDP: 452X
Sequence Code: 4	ESTB Date: REV Date: 5/29/18	NR Ind: R
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.

V82B - 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.

Source Rating: EM, ET, IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-623-4781 (P/L)	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, 685E, 685F, 685L, 685N
Sequence Code: 3	ESTB Date: 9/27/13 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4789
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.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).

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0209	CDP: 073E, 452P
Sequence Code: 4	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1424
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA (05), NAVIFOR N7/N1)	ECM: BUPERS-32

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.

Source Rating: ET	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-222-1000	CDP: 18WZ
Sequence Code: 5	ESTB Date: 9/25/17 REV Date: 5/2/18	NR Ind: A
Component NEC:	Related NEC: V80A	Legacy NEC Code:
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVSEA 05H	ECM: BUPERS-32

V84A - Communications Equipment (WSC-3/UHF DAMA) Technician

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

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0138	CDP: 4323, 452L
Sequence Code: 4	ESTB Date: REV Date: 9/24/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1425
Primary Advisor: OPNAV (N2N6)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

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-28(V)9 Sonar Signal Processing System, AN/SQR-19B(V)1/B(V)3 TACTAS, AN/UYK-25B(V)1 (SIMAS II), and the AN/SQS-53C Sonar. Identifies, tracks, and classifies targets and potential targets. Identify acoustic signatures to source. Recognizes abnormal panel/screen indications and responds appropriately to indications/alerts.

Source Rating: STG	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: K-130-1105	CDP: 140E
Sequence Code: 6	ESTB Date: REV Date: 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/SYQ-7B, AN/SYQ-7B(V) PC Variant, AN/SYQ-26(V)1, 2, 3, & 4 (SMS), and AN/SYQ-26(V)7 TMS systems, WSC-3, VRC-46, AN/URT-23, AN/URA-38 antenna coupler and R2368A/URR LF/MF/HF receivers.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0217 (P/L)	CDP: 452T
Sequence Code: 4	ESTB Date: REV 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: REV 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/3C/5C/6C, 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 (TCG); 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/UYQ 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: 7/17/17 REV 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	CDP: 213A, 390D
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	CDP: 0165, 703H
	A-830-0034	746T, 746U
	A-830-2215	00C6, 03JU
Sequence Code: 7	ESTB Date: 7/5/17 REV Date: 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)	CDP: 10R2
Sequence Code: 3	ESTB Date: 6/14/10 REV Date: 9/19/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1459
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	CDP: 12RX, 12RY
Sequence Code: 4	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	CDP: 181N
Sequence Code: 4	ESTB Date: REV Date: 9/24/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1465
Primary Advisor: OPNAV (N2N6)	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.

Source Rating: ET	Billet Paygrades: E5	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-160-0116	CDP: 213J, 453W
	A-102-0239	4256, 452Z
	A-102-0062	4784
Sequence Code: 5	ESTB Date: 4/19/17 REV Date: 7/1/18	NR Ind: R
Component NEC: 728A and V91A and V07B	Related NEC:	Legacy NEC Code: 98GA
Primary Advisor: OPNAV (N96)	Technical Advisor: LCSRON-ONE, LCSRON-TWO	ECM: BUPERS-32

NOTES:
1. Component NEC codes will be removed once principal NEC code is awarded.
2. Must obliserve for 24 months in addition to the 36 months obliserved for the LCS program.
3. Member must hold one of the core LCS NEC codes V40B, 721B, 777B, 776B, or 778B.

V91A - URN-25 Tactical Air Navigation Technician

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

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-102-0239	CDP: 4256, 452Z
Sequence Code: 5	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1471
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: ET	Billet Paygrades: E5	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-101-0059	CDP: 09HB, 09HC
	A-102-0239	4256, 452Z
	S-102-0085	931G
	A-102-0062	4784
Sequence Code: 5	ESTB Date: 4/21/17 REV Date: 7/1/18	NR Ind: R
Component NEC: V79A and V91A and V06B and V07B	Related NEC:	Legacy NEC Code: 98LA
Primary Advisor: OPNAV (N96)	Technical Advisor: LCSRON-ONE	ECM: BUPERS-32

NOTES:
1. Component NEC codes will be removed once principal NEC code is awarded.
2. Must obliserve for 24 months in addition to the 36 months obliserved for the LCS program.
3. Member must hold one of the core LCS NEC codes 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-84 and the AN/WSC-43 equipment.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-160-0125 (P/L)	CDP: 390K, 453X
Sequence Code: 4	ESTB Date: REV Date: 9/24/18	NR Ind: R
Component NEC: 728A	Related NEC:	Legacy NEC Code: 1486
Primary Advisor: OPNAV (N2N6)	Technical Advisor: NAVSEA (05), SPAWAR, NAVIFOR (N7/N1)	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-623-0003	CDP: 12UU
Sequence Code: 4	ESTB Date: 4/16/18 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05H	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	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-130-0078	CDP: 20AA
Sequence Code: 4	ESTB Date: 12/11/19 REV Date: 7/9/20	NR Ind: R
Component NEC: V54B	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: CSCS	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.

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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-101-0817	CDP: 702X
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC: 728A	Related NEC:	Legacy NEC Code: 1493
Primary Advisor: OPNAV(N98)	Technical Advisor: SPAWAR	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	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-130-0079	CDP: 20AB
Sequence Code: 4	ESTB Date: 10/2/19 REV Date:	NR Ind: R
Component NEC: V93B	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: CSCS	ECM: BUPERS-32

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	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-101-0234	CDP: 577P
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 1494
Primary Advisor: OPNAV (N96)	Technical Advisor: SPAWAR	ECM: BUPERS-32

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

V96A - 57MM MK 110 Mod 0 Gun Mount Operator and Maintainer

Operates and maintains the 57MM MK 110 Mod 0 Gun Mount. Uses general and special purpose test equipment and built-in test equipment to perform organizational level maintainence. Loads, stows, and unloads 57MM ammunition. Inspects and maintains magazines including magazine sprinkling systems.

Source Rating: GM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-113-0197	CDP: 18GP
Sequence Code: 5	ESTB Date: 5/7/20 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05H	ECM: BUPERS-32

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.

V97A - Radar (SPS-55) Technician

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0162	CDP: 350S, 453G
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1504
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, SPAWAR	ECM: BUPERS-32

V97B - AN/GRN-33(V) Instrument Landing System (ILS) Signals Maintenance Technician

Performs organizational level preventative and corrective maintenance on the AN/GRN-33(V) Transmitting Set, Electronic Guidance Signals and Instrument Landing System (ILS). Uses general and special-purpose test equipment, built-in test equipment, diagnostic computer programs and technical manuals for trouble analysis to restore equipment to optimum operating condition.

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Factory Training	CIN:	CDP:
Sequence Code: 4	ESTB Date: 2/18/20 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR PMA-213	ECM: BUPERS-32

NOTES:
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

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0177	CDP: 453J
Sequence Code: 4	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1507
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 5/29/18.

V99A - Radar AN/SPS-49(V) 5, 7 & 8 Technician

Source Rating: ET	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-104-0209	CDP: 453M
Sequence Code: 4	ESTB Date: REV Date: 5/29/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1510
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: MN	Billet Paygrades:	Personnel Paygrades: E2-E5
Course: Mandatory	CIN: A-100-0154	CDP: 20DF
Sequence Code: 6	ESTB Date: 1/28/20 REV Date:	NR Ind: N
Component NEC: W001	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (PMS 339)	ECM: BUPERS-32

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.

Source Rating: MN	Billet Paygrades:	Personnel Paygrades: E1-E4
Course: Mandatory	CIN: A-100-0117	CDP: 8169
Sequence Code: 6	ESTB Date: 1/28/20 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA (PMS 339)	ECM: BUPERS-32

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.

Source Rating: MN	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: 4/93 REV Date: 9/24/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1204
Primary Advisor: OPNAV(N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: MN	Billet Paygrades: E5-E6	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-647-2754	CDP: 06JR
Sequence Code: 5	ESTB Date: 7/93 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1205
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E4-E6	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-647-2756	CDP: 06JT
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1211
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-130-0048	CDP: 06JZ
Sequence Code: 4	ESTB Date: 10/09 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1214
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSURWARCEN	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	Billet Paygrades: E4-E7	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: A-130-0093	CDP: 06K0
Sequence Code: 4	ESTB Date: 10/09 REV Date: 3/1/18	NR Ind: A
Component NEC: W04A	Related NEC:	Legacy NEC Code: 1215
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSURWARCEN	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-060-0631	CDP: 06HZ
Sequence Code: 6	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0107
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	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. Employs International and Inland Rules of the Road, navigational, visual, and radio communications procedures. Directs the operation and maintenance of engineering plant, deck machinery, firefighting and other emergency equipment. Assists in sea/air rescue and missions of mercy operations. Directs the movement of non-self-propelled Yard Craft within the boundaries of harbors, bays and sounds.

Source Rating: BM, QM	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 2	ESTB Date: REV Date: 8/17/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0161
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Candidates for and personnel holding this NEC code must meet and maintain qualification standards (including physical requirements) contained in OPNAVINST 3171.2.
2. Must 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:	CDP:
Sequence Code: 5	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0164
Primary Advisor: 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-4013D2.
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: REV 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 REV Date: 9/24/18	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 REV Date: 3/1/18	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	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: J-4N-0009	CDP: 09GN
Sequence Code: 2	ESTB Date: 3/4/15 REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0202
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	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	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-061-0300	CDP: 12YB, 12YC, 12YD, 12YE, 12YF
Sequence Code: 5	ESTB Date: 6/6/17 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0203
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA PMS 339	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	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 2	ESTB Date: 7/18/11 REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0215
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Personnel Paygrades: E1-E7
Course: OJT, PQS	CIN:	CDP:
Sequence Code: 5	ESTB Date: 10/87 REV Date: 3/21/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0302
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	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	Billet Paygrades: E5-E6	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-221-4010(P/L)	CDP: 12MR, 12MS
Sequence Code: 3	ESTB Date: REV Date: 7/5/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0318
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel who have maintained Air Controller proficiency and DNEC as an AICS will continue to receive SDAP at the W16A 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 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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-221-0015	CDP: 2024, 2025
Sequence Code: 3	ESTB Date: REV Date: 7/5/18	NR Ind: N
Component NEC: W16A	Related NEC:	Legacy NEC Code: 0319
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Personnel who have maintained air control proficiency and DNEC as an AICS will continue to receive SDAP at 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 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, relief 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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-221-2503	CDP: 586X, 743B
Sequence Code: 3	ESTB Date: 1/1/1993 REV Date: 5/7/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0324
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Course ASTAC Basic Preparatory, CIN: A-221-0097, must be completed within six (6) months prior to enrollment in ASTAC (K-221-2503).
2. 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.
3. 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.
4. Last reviewed during “OS TRR” completed 5/7/20.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-221-0001	CDP: 3885, 06H8
Sequence Code: 4	ESTB Date: 1/1/1999 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0327
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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) Weapons and Tactics Instructor (WTI)

Performs advanced level supervisory experience in training and performance of ASW/ASUW Tactical Air Controllers (ASTAC) and Supervisory ASW/ASUW Tactical Air Controllers (ASTACS); provides primary expertise to Carrier Strike Group (CSG) Commanders to monitor, train, and evaluate CSG/Littoral Combat Craft (LCS)/Amphibious Ready Group ASTACs. Performs as advisor to Theater ASW and SUW Commanders for ASW/ASUW aircraft employment tactics.

Source Rating: OS	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 7/1/2008 REV Date: 7/9/20	NR Ind: A
Component NEC: W18A	Related NEC:	Legacy NEC Code: 0328
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. Member must meet all COMNAVSURFOR/COMNAVAIRFORINST 1211.2 (series) currency requirements.
2. Member must be designated as a Level-4 ASTAC.
3. Minimum of 3 years in an ASTAC W18A billet.
4. Designation Authority:

   a. Must be qualified and current ASTAC WTI to be authorized for final Level-5 ASTAC WTI qualification.
   b. All prerequisite oral board and practical exercises must be validated by a Qualified ASTAC WTI or SEAWOLF Weapons and Tactics Instructor (SWTI) prior to members final qualification.
   c. A SWTI or ASTAC WTI Level-5 recommendation letter with Commanding Officer's endorsement must be submitted via NAVPERS 1221/6 to PERS-4013 for awarding of this NEC code.

5. Additional prerequisites:

   a. Must complete Level 1-4 Shipboard Air-Control Training Syllabus (SATS) PQS, NAVEDTRA 43496-8.
   b. Must complete HSM Basic ASTAC Training Course (BATC).
   c. Must complete the Helicopter Advanced Readiness Program (HARP), academic and Simulator phases only.

6. Members holding Component NEC W18A and billeted to a W20A billet must meet all pre-requisites and awarded the W20A NEC code in less than 6 months from report date or be de-screened for the billet.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-101-4002	CDP: 10UK
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0336
Primary Advisor: OPNAV (N96)	Technical Advisor: SPAWAR	ECM: BUPERS-32

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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: OJT	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0346
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA-05	ECM: BUPERS-32

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 NAVPERS 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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-221-0124	CDP: 378F, 382N, 783A
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0348
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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 (ICO)

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

Source Rating: OS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-2G-0114	CDP: 742M, 742V
Sequence Code: 2	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC: W23A	Related NEC:	Legacy NEC Code: 0350
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Billet Paygrades: E4	Personnel Paygrades: E4-E6
Course: Mandatory	CIN: A-221-0001	CDP: 06H8, 3885
	K-221-0124	378F, 382N, 783A
	A-221-0201	09WS, 09WT
Sequence Code: 4	ESTB Date: 4/19/17 REV Date: 7/1/18	NR Ind: R
Component NEC: W19A and W23A and 706B	Related NEC:	Legacy NEC Code: 98LC
Primary Advisor: OPNAV (N96)	Technical Advisor: LCSRON-ONE	ECM: BUPERS-32

NOTES:

1. Component NEC codes will be removed once principal NEC code is awarded.
2. 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 track processing, sensor information correlation and link integration within the theater of operations. Resolves link operation problems and communicates joint hierarchy interface faults to higher authority. Performs Joint Services (JS) and Navy specific applications and processes. Manages Command, Control, Communications, Computers, and Intelligence (C4I) database management functions, communications operations, and Force Over the Horizon Track Coordinator (FOTC) functions. Maintains the Common Operating Picture (COP) and provides input to the Command Tactical Picture (CTP) at the unit, battle group, component commander, joint and coalition level. These functions are performed at both afloat and ashore commands.

Source Rating: OS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-221-4009	CDP: 12MN, 12MP
	K-221-0124	378F, 382N, 783A
	A-221-0201	09WS, 09WT
Sequence Code: 4	ESTB Date: 4/18/17 REV Date: 7/1/18	NR Ind: R
Component NEC: W18A and W23A and 706B	Related NEC:	Legacy NEC Code:98OS
Primary Advisor: OPNAV (N96)	Technical Advisor: LCSRON-ONE, LCSRON-TWO	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	Billet Paygrades: E6-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-2A-2806	CDP: 747A
Sequence Code: 2	ESTB Date: 8/16/18 REV Date:	NR Ind: N
Component NEC: W16A or W17A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAWDC TOPGUN	ECM: BUPERS-32

NOTES:
1. Top Secret/Sensitive Compartmented Information (TS/SCI) Security Clearance is required.
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.”

Source Rating: ALL	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: REV Date: 7/6/16	NR Ind:
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor:	Technical Advisor:	ECM: OPNAV (N13)

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

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

Source Rating: ALL	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: 2/16/2012 REV Date: 10/16/17	NR Ind:
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor:	Technical Advisor:	ECM: OPNAV (N13)

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.

Source Rating: ALL	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: REV Date: 9/24/18	NR Ind:
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: CNIC (N95)	Technical Advisor: CNIC	ECM: CNIC

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)

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.

Source Rating: ABH, BM, GSE, GSM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: S-062-0020	CDP: 6051, 6052
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0172
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

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, AWF, AWO, AWR, AWS, AWV, ET, ETV, FC, MN, OS, QM	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: K-193-0436 K-062-0120	CDP: 0623, 424K 04SD, 04SE
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC: T23A	Legacy NEC Code: 0304
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. 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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 8/24/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 8364
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-113-1001	CDP: 0285, 197X
Sequence Code: 3	ESTB Date: REV Date: 9/19/19	NR Ind: R
Component NEC: V35A	Related NEC:	Legacy NEC Code: 0334
Primary Advisor: OPNAV (N96)	Technical Advisor: SPAWAR	ECM: BUPERS-32

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 tactical ballistic 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	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: S-100-0005	CDP: 02P9
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0345
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

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.

Source Rating: OS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E7
Source Rating: FC	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-0005	CDP: 5395
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0347
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-461)	ECM: BUPERS-32

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 Interceptor Controller Supervisor, Amphibious Assault Craft Controller, Auto Track Manager/Sensor Supervisor, Combat Direction Center/Combat Information Center Supervisor, Electronic Warfare Supervisor, Identification Operator, Tactical Information Coordinator, and Sea Combat Air Controller (Surface and Subsurface.

Source Rating: OS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: CTT	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-150-0028	CDP: 638K, 02GM
Sequence Code: 4	ESTB Date: 10/1/2001 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0349
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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

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.

Source Rating: CTT, FC, IS, MN, OS, STG	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-221-0201	CDP: 09WS, 09WT
Sequence Code: 3	ESTB Date: 2/19/13 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0356
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N13)	ECM: BUPERS-32

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

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.

Source Rating: STG, MN	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-647-0931	CDP: 06JP
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0410
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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:	Personnel Paygrades: E3-E8
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 7/17/2012 REV Date: 8/24/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90IW
Primary Advisor: OPNAV (N2N6)	Technical Advisor: COMNECC, NAVIFOR N13	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:	CDP:
Sequence Code: 2	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0416
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: ONI	ECM: BUPERS-32

NOTES:
1. ONI responsible for ensuring that personnel assigned to ride on submarines are physically qualified to perform duty onboard submarines.
2. Personnel who are assigned to a billet other than a NEC code 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.

Source Rating: STG, AW, AWO	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-210-0529	CDP: 164X
Sequence Code: 3	ESTB Date: 4/1/1986 REV Date: 3/1/18	NR Ind: R
Component NEC: G06A or G07A	Related NEC:	Legacy NEC Code: 0450
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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.

Source Rating: STG, STS	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: 7/1994 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0506
Primary Advisor: OPNAV (N97)	Technical Advisor: PEO SUBS PMS 485	ECM: BUPERS-32

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.

Source Rating: AW, AWO, STG, STS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: OJT	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC: 715B	Related NEC:	Legacy NEC Code: 0507
Primary Advisor: OPNAV(N2N6)/(N97)	Technical Advisor: PMS-485	ECM: BUPERS-32

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.

Source Rating: AW, AWR, AWO, STG	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-210-0046	CDP: 10US
Sequence Code: 4	ESTB Date: 5/15/13 REV Date: 9/19/19	NR IND: R
Component NEC:	Related NEC:	Legacy NEC Code: 0540
Primary Advisor: OPNAV (N98)	Technical Advisor: PEO IWS 5.0	ECM: BUPERS-32

NOTES:
1. Secret Security Clearance required.
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.

Source Rating: AWO, AWR, STG, STS	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-130-0513	CDP: 19RP, 19RR
Sequence Code: 4	ESTB Date: 12/4/12 REV Date: 10/1/19	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0550
Primary Advisor: OPNAV (N97)	Technical Advisor: PMS-485	ECM: BUPERS-32

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: 12/4/12 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-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-123-0174	CDP: 012T
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 0746
Primary Advisor: OPNAV(N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: AO, AW, AWR, AWS, BU, CE, CM, CU, EA, EO, EOD, FC, FCA, GM, MA, MN, ND, SB, SO, STG, SW, TM, UT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-041-0148	CDP: 0165, 703H, 691K
Sequence Code: 7	ESTB Date: REV Date: 10/15/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0812
Primary Advisor: OPNAV (N96)/(N98)	Technical Advisor: NAVAIR, 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.

Source Rating: AO, AW, BU, CE, CM, CU, EA, EO, EOD, FC, FCA, GM, MA, MN, ND, SB, SO, STG, SW, TM, UT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-830-2215	CDP: 00C6, 03JU
Sequence Code: 7	ESTB Date: REV Date: 10/15/19	NR Ind: A
Component NEC:	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	CIN: V-652-1010 (P/L)	CDP: 12UB, 12UC, 12UD, 12UE, 12UF
Sequence Code: 7	ESTB Date: 3/3/16 REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 95AA
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Award of this NEC code is based on documented completion of Fleet-specified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current Job Qualification 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:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date: 10/1/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 98GD
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO Ships (PMS 501) (PMS 339), COMLCSRON ONE	ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; GD ship unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

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	CIN:	CDP:
Sequence Code: 2	ESTB Date: 4/1/1984 REV Date: 8/29/18	NR Ind: A
Component NEC: 770B	Related NEC:	Legacy NEC Code: 8300
Primary Advisor: OPNAV (N98)	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	CIN: J-500-2104	CDP: 382C
Sequence Code: 2	ESTB Date: REV Date: 1/24/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1321
Primary Advisor: OPNAV(N96)	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	CIN: W-250-0751	CDP: 13LA, 18UN, 18UP, 18UR
Sequence Code: 3	ESTB Date: 8/31/17 REV Date: 3/28/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6)	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.

Source Rating:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5301
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: AD, AE, AF, AM, AME, AT, AV, AZ, PR	Billet Paygrades: E7-E8	Personnel Paygrades: E7-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 10/16/17 REV Date:	NR Ind: A
Component NEC: 770B	Related NEC: 788A	Legacy NEC Code:
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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
Performs specialized duties to recognize and report Electromagnetic Interference (EMI) during scheduled/unscheduled maintenance. Responsible for the ship's Topside Electromagnetic (EM) Control Drawing, verifies placement and condition of EM control measures and corrects or reports discrepancies. Performs standardized Industrial and Divisional Electromagnetic Compatibility (EMC) work practices. Sustains EMC/RADHAZ certification in accordance with Joint Fleet Maintenance Manual (JFMM) in support of Navy Task Assignment (NTA) 5.5.6.1 Control Electromagnetic Interference (EMI). Assist Communication and Radar Planning using Real Time Spectrum Operations (RTSO) in support of NTA 5.5.6 Perform Spectrum Management.

Source Rating: CTT, CTM, ET, FC, IC,	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-101-0250	CDP: 187D
Sequence Code: 3	ESTB Date: REV Date: 8/20/18	NR Ind: R
Component NEC:	Related NEC: H00A, H01A	Legacy NEC Code: 1419
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVSEA 05H, SPAWAR 59440	ECM: BUPERS-32

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/assets/missions, and monitors the battle space in the Joint/Maritime Theater of Operations. Operates the MIPS to develop IAMD plans/Maritime 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.

Source Rating: FC, OS	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-150-0084	CDP: 11N1
Sequence Code: 5	ESTB Date: 1/29/18 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA, PEO IWS 6.0	ECM: BUPERS-32

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.

Source Rating: ET, CTM	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-160-0116	CDP: 213J, 453W
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1460
Primary Advisor: OPNAV (N2N6)	Technical Advisor: NAVSEA (05), SPAWAR, NAVIFOR (N7/N1)	ECM: OPNAV (N132D5)

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.

Source Rating: AD, AE, AM, AT, AWF, AWV, DC, EM, EN, GSE, GSM, HT, IC, MM, MR	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: S-062-0021	CDP: 6049, 6050
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 4130
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: PERS-4011D5

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.

Source Rating: ET, ETV, ITS	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-198-6671	CDP: 713T
Sequence Code: 5	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 1589
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05, NNWC, N1B, NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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.

Source Rating: AD, AE, AF, AM, AT, AV, AWF, AWV, DC, EM, EN, GS, GSE, GSM, HT, IC, MM, MMA, MR	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-652-0312 K-062-0120	CDP: 0622, 424J 04SD, 04SE
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC: 730B	Related NEC:	Legacy NEC Code: 4131
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

1. A minimum ASVAB Score of AR+MK+EI+GS = 204 is required for entry into the training courses. Interested candidates who meet the requisite ASVAB score should contact their detailer for nomination to the LCAC program. PERS-409 will coordinate assignment with the appropriate detailer.
2. Individual must be physically qualified for special duty in accordance with the Manual of the Medical Department (NAVMED P117).
3. Individual must be qualified as a second class swimmer in accordance with NAVPERS 15560C.
4. NEC code will be awarded after completion of Advanced Qualification Training (AQT) and qualification check ride.
5. Individual shall attend LCAC 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 2000) and the primary MTR test system (AN/USM-674).

Source Rating: ET, ETN, ETV, IT, ITS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Source Rating: AT, AE, FC, FCA, FT, CTT, GM, GSE, MN, MT, STG, STS, IC	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-100-0008 (P/L)	CDP: 08LC, 08LD, 08LE, 08LG, 08LH, 08LF
Sequence Code: 3	ESTB Date: 1/1/00 REV Date: 4/9/20	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-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.

Source Rating: AD, AE, AM, AWF, EN, GS, GSE, GSM, HT, MM, MMA	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-652-0314 K-652-0380	CDP: 0609, 645S 06ZD
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4133
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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, XYLAN OMNI Switch, CISCO Routers, and Local Area Networks (LAN).

Source Rating: ET, ITS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-2300	CDP: 5781, 5791
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	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 K-652-0314	CDP: 0610, 646M 0609, 645S
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4135
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	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, CTT, IS	Billet Paygrades:	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: 5/22/2012 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 1705
Primary Advisor: OPNAV (N2N6)	Technical Advisor: OPNAV (N2N6)	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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-9011	CDP: 13LJ
Sequence Code: 4	ESTB Date: 4/26/16 REV Date: 7/1/18	NR Ind: R
Component NEC: 733B	Related NEC:	Legacy NEC Code: 4149
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

733A - FLTSATCOM (SSIXS-OPCONCEN) Operator

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

Source Rating: IT, ITS	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: OJT, PQS	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2354
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N7/N1)	ECM: BUPERS-32

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

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-9003	CDP: 10XW, 10XX, 10XY
Sequence Code: 4	ESTB Date: 9/24/14 REV Date: 9/23/19	NR Ind: A (EM, EN, IC) R (ET, IT)
Component NEC:	Related NEC:	Legacy NEC Code: 4150
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. All ITs are required to obtain 746A before or after A-652-9003 course comnpletion.
2. All ETs are required to obtain 731A before or after A-652-9003 course completion.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/23/19.

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, IT, ITS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: W-101-3500	CDP: 07PT
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2378
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)	CDP: 036Y
Sequence Code: 3	ESTB Date: REV Date: 7/13/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4204
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	CDP: 01E3, 5576, 04R4, 04R5
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC: 4252	Legacy NEC Code: 4208
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Must be qualified in submarines and complete DODUSNSLCSOBT 03173.
2. Last reviewed during "EMN TRR" completed 2/7/18.

736A - Global Command and Control System-Maritime 4.X (GCCS-M 4.X) System Administrator

Performs installation, configuration, administration, repair, and basic operation of the GCCS-M 4.0 system. Maintains databases, establishes accounts, and configures communications and system interfaces. Performs basic troubleshooting and disaster recovery procedures. These functions are performed at afloat and ashore commands.

Source Rating: FT, IT, ITS	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-0045	CDP: 00SA, 00SB, 03TS, 03VR, 04JL, 04JM
Sequence Code: 3	ESTB Date: 3/7/06 REV Date: 3/1/18	NR Ind: A
Component NEC: 745A	Related NEC: 738A, 739A	Legacy NEC Code: 2710
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIDFOR (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.

Source Rating: ABE, ABF, DC, EN, GSM, MM, MR	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-652-4222 (P/L)	CDP: 657G, 657H, 657L, 657M, 657N, 657P, 657R, 02HA, 11WS, 11WP, 12G1, 12RK, 13BD, 13K8, 13K9, 13KA, 13KB, 13KC, 15GK, 15GU, 15GV, 15GX, 15GY, 15GZ, 15H2, 15H3, 15H4, 15H5, 15H6, 15H7, 15HB, 15HD, 17P6, 18PO
Sequence Code: 3	ESTB Date: 7/31/13 REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4227
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 as specified in the current Job Qualification Requirement (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.

737A - Naval Tactical Command Support System (NTCSS) II Manager

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

Source Rating: ET, 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: REV Date: 4/9/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2730
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: REV 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	NR Ind: A
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	Billet Paygrades: E4-E7	Personnel Paygrades: E4-E7
Course: Mandatory	CIN: A-123-0198	CDP: 03NJ
Sequence Code: 5	ESTB Date: REV Date: 10/15/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4236
Primary Advisor: OPNAV (N97)	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-150-3400	CDP: 09N5, 09N6
Sequence Code: 3	ESTB Date: 4/25/12 REV Date: 9/24/18	NR Ind: A
Component NEC: 745A	Related NEC: 736A	Legacy NEC Code: 2766
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVCYBERFOR (N15)	ECM: BUPERS-32

NOTES:
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	Billet Paygrades: E4-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0150	CDP: 044W, 050V, 354X, 5501, 8126, 07K3
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4246
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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 entites.

Source Rating: IT, FC, FT	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: J-243-2952	CDP: 293R
Sequence Code: 3	ESTB Date: 10/93 REV Date: 10/5/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2778
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVAIR	ECM: BUPERS-32

740B - Electrolytic Oxygen Generator (Model 6L16) Operator/Mechanical Maintainer
Operates, troubleshoots, and performs basic corrective maintenance on the Model 6L16 Electrolytic Oxygen Generator.

Source Rating: EM, MMA	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-652-0050	CDP: 044Y, 354M
Sequence Code: 5	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC: 4208, Q53A	Legacy NEC Code: 4252
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: ETV, FT, IT, ITS, STS	Billet Paygrades: E6-E8	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-531-0009	CDP: 7440, 7443, 04KL, 04KM, 04KN, 04KP, 04KR
Sequence Code: 3	ESTB Date: REV Date: 4/9/20	NR Ind: A
Component NEC: 746A	Related NEC:	Legacy NEC Code: 2779
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

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 O2N2 compressed gas cylinders prior to and after charging them to the proper pressure. Manufactures liquid oxygen and liquid nitrogen by operating liquid oxygen and nitrogen generating plants to achieve capacity production under various climatic conditions. Operates and maintains mechanical refrigeration systems, reciprocating high pressure and centrifugal low pressure air compressors, cryogenerators, vacuum pumps, and gaseous distribution systems. Detects, analyzes, and corrects abnormal situations which may arise during the operation of liquid oxygen/nitrogen generating plants and associated equipment as prescribed on PMS maintenance requirement cards and applicable instructions. Documents corrective maintenance on relevant MDCS forms.

Source Rating: MM, MMA	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: J-750-0015	CDP: 809U
Sequence Code: 4	ESTB Date: REV Date: 5/8/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4283
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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's recommendation in order to attend the prerequsite 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.

Source Rating: ETV, FT, IT, ITS, STS	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-531-0022	CDP: 588P, 588N, 659J, 633T, 654G, 04LH
Sequence Code: 3	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC: 746A	Related NEC:	Legacy NEC Code: 2780
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

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: REV Date: 7/13/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4291
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.

743B - Shipboard Elevator Mechanical Maintenance

Tests, inspects, and performs organizational maintenance on shipboard weapons and cargo handling elevators on a system and component level. Troubleshoots and repairs hydraulic, mechanical and hydromechanical systems and equipment, not including electronic and electrical components and interfaces. Coordinates efforts with operators and maintainers of other ratings using or servicing the systems.

Source Rating: MM, MMA	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Source Rating: GM, AO	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-690-0902 (P/L)	CDP: 21FL
Sequence Code: 4	ESTB Date: REV Date: 4/15/20	NR Ind: R
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 4/15/20.

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: 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: 4/9/20	NR Ind: R
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: REV Date: 9/17/19	NR Ind: A
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 restoral procedures, assigns or changes user accounts, and password resets. Provides desktop support to network users. Performs troubleshooting procedures, documents technical support advice, and maintains media libraries. Installs new hardware, workstation components, peripherals, and documents, media hardware and software licenses. Manages and updates directory information, and monitors equipment status. Assists technical personnel in providing critical voice and data communication links between ship and shore commands. Operates and performs system monitoring and circuit restoration of various HF, UHF, SHF, and EHF communication suites. Performs corrective and preventative maintenance as required. Maintains logs, files, and publications as it relates to communication and network operations. Performs local System Administrator functions IAW SECNAVMAN 5239.2.

Source Rating: IT, ITS	Billet Paygrades: E1-E5	Personnel Paygrades: E1-E6
Course: Mandatory	CIN: A-202-2100	CDP: 09B1
	A-150-1200	20EJ
	A-150-1201	20DT
Sequence Code: 4	ESTB Date: 3/22/10 REV Date: 5/6/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 2790
Primary Advisor: OPNAV (N2/N6)/(N97)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

NOTES:
1. Favorably completed and adjudicated Single Scope Background Investigation is required.
2. Advanced Technical Field (ATF) IT accession Sailors (4YO) who previously completed IT Block Learning (CIN: A-150-1200) must also complete CIN: A-150-1201 to earn this NEC code.
3. Last reviewed during “ET TRR” completed 5/6/20.

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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-652-0321	CDP: 005G
Sequence Code: 3	ESTB Date: REV Date: 9/19/13	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4310
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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: IT, ITS	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-150-1980	CDP: 04MV, 04MW, 04NO
	A-150-1202	20DU
	A-150-1203	20DV
	A-150-1250	20ZS
Sequence Code: 3	ESTB Date: 3/22/10 REV Date: 5/11/20	NR Ind: A
Component NEC: 745A	Related NEC: H09A	Legacy NEC Code: 2791
Primary Advisor: OPNAV (N2/N6)/(N97)	Technical Advisor: NAVIFOR (N7/N1)	ECM: BUPERS-32

NOTES:
1. Favorably completed and adjudicated Single Scope Background Investigation is required.
2. Advanced Technical Field (ATF) IT accession Sailors (6YO) who previously completed Block Learning (CIN: A-150-1200) must also complete CINs: A-150-1202 and A-150-1203 to earn this NEC code.
3. ATF ITS accession Sailors must complete Block Learning (CIN: A-150-1250) to earn this NEC code.
4. Last reviewed during “ET TRR” completed 5/6/20.

746B - Outboard Engine Maintenance Technician

Performs periodic and routine maintenance, preoperational and operational inspections, troubleshooting procedures, and repairing outboard eng1nes.

Source Rating: MM	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Source Rating: BM, CM, EM, EOD, HT, ND, SB, SO	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: K-652-0237B S-062-0009	CDP: 093D, 12AW 532P
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4313
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
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	Personnel Paygrades: E5-E6
Course: Mandatory	CIN: A-622-0012 (P/L)	CDP: 626H
Sequence Code: 4	ESTB Date: REV Date: 3/19/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5642
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA	ECM: BUPERS-32

NOTES:
1. NEC code awarded upon completion of Air Force cources: A-622-0005 (CDP 626G) Fiber Optic, A-622-006 (CDP 233X) Digital Voice Switching, A-622-0018 (CDP 20B3) Building Industry Consulting Services International, A-622-0014 (CDP 0712) CISCO CALL MGR W VOIP, A-622-0015 (CDP 07T3) Meridian 1 Option 61C, A-622-0017 (CDP 07T5) Configuration Accounting Information Retrieval Systems (CAIRS).
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	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-652-0311	CDP: 696G, 696F
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4314
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: K-651-0109	CDP: 089Y
Sequence Code: 3	ESTB Date: REV Date: 4/25/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4502
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-822-0017 (P/L)	CDP: 07U0
Sequence Code: 5	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2821
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (4B, N00B)	ECM: BUPERS-32

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	CDP: 4131
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4503
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Failure to maintain certification as specified in Series OPNAVINST 9220.3A and SGPI Inspection manual will result in removal of NEC code.

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	CDP: 635D, 635E
Sequence Code: 3	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4508
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	CDP: 635F, 635G
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC: 4508	Related NEC:	Legacy NEC Code: 4509
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	CDP: 044D, 356P
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC: N41Z, N53Z, 766A	Legacy NEC Code: 4752
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: To attend the course and receive this NEC code, MMA personnel must be qualified as a 6L16 EOG inspector at a submarine squadron, staff or IMA, and have at least 2 years of 6L16 EOG operating experience.

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
Source Rating: EM	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: C-670-2013	CDP: 479C, 548A
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4758
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: IC, EM	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-670-0064	CDP: 0094
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 4779
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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.

Source Rating: IC, EM	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-623-0010	CDP: 06SR
Sequence Code: 2	ESTB Date: REV Date: 7/1/18	NR Ind: N/A
Component NEC:	Related NEC:	Legacy NEC Code: 4784
Primary Advisor: OPNAV(N95)/(N96)	Technical Advisor: NAVSEA 05 (PMS-490)	ECM: BUPERS-32

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.

Source Rating: CSS, EMN, ETN, ETV, FT, ITS, LSS, MMA, MMN, MT, RS, STS, TM, YNS	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-840-0013	CDP: 23ED, 23EE
Sequence Code: 6	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC: S010	Related NEC:	Legacy NEC Code: 3122
Primary Advisor: OPNAV (N41)	Technical Advisor: NAVSUP (05, 09B), NEXCOM	ECM: BUPERS-32

NOTES:
1. EMN, ETN and MMN source rating personnel must be submarine designated.
2. Component NEC S010 applies to E3 Apprentice RS personnel.
3. Last reviewed during “CSCS TRR” completed 6/29/20.

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.

Source Rating: DC, HT, HM, MR, PR	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Source Rating: AD, AE, AM, AME, AT	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Source Rating: AF, AV	Billet Paygrades: E9	Personnel Paygrades: E9
Course: Mandatory	CIN: A-495-2062	CDP: 437M
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 4805
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6802
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)	CDP: 02HJ, 679Y, 6808, 680A, 680B, 680C, 680D, 680E, 680F, 680G
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4541
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. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certification.

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	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4615
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) N-701-0009 (AS)	CDP: 884X, 907S, 9119, 931F 884Z, 933E, 938J, 9120
Sequence Code: 5	ESTB Date: REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7222
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 perform systems test on UNREP systems.

Source Rating: EM, IC	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: J-690-0029	CDP: 703D
Sequence Code: 4	ESTB Date: REV Date: 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/performs optical inspection equipment, gaseous leak detection equipment, electrical conductivity measurement equipment, hardness testing equipment, ultrasonic leak detection equipment, magnetic rubber inspection, and radiation safety procedures. Interprets indications and determines type and extent of flaws.

Source Rating: AM	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-603-3191	CDP: 708Z
Sequence Code: 5	ESTB Date: REV Date: 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 Electrical Maintenance

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-690-0901 (P/L)	CDP: 21FK
Sequence Code: 4	ESTB Date: REV Date: 4/15/20	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 4/15/20.

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 test and monitoring systems (TAMS) using calibration and working standards.

Source Rating: EM, IC	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: A-670-0043	CDP: 577E
Sequence Code: 3	ESTB Date: REV Date: 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.

Source Rating: IC, EM	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: K-670-2152	CDP: 4703
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4720
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

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. These systems include: AN/ALQ-222 Common Console, AN/ALQ-223 Sensor Deployment System (Carriage, Stream, Tow, and Recovery System), AN/AQS-20A Detecting Set, Sonar Mine, AN/ASQ-235 Mine Sweeping Equipment, AN/AES-1 Airborne Laser Mine Detection System, AN/ALQ-220 Countermeasures Set, and AN/AWS-2 Rapid Airborne Mine Clearance System.

Source Rating: AT, MN	Billet Paygrades: E5-E7	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: C-102-0114	CDP: 03WA, 03WB
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC: 768B	Legacy NEC Code: 8373
Primary Advisor: OPNAV(N95)/(N98)	Technical Advisor: NAVSEA 05, NAVAIR	ECM: BUPERS-32

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.

Source Rating: AD, EN, GSM, MM, MMA	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: A-491-0017	CDP: 624R
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 6403
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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).

Source Rating: AD, AM, AE, AT	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: C-601-9448 (P/L) AD/AM	CDP: 459R
	C-602-9947 (P/L) AE	459G
	C-102-9728 (P/L) AT	458Y
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8391
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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

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, PR	Billet Paygrades: E7-E8	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: C-600-3210	CDP: 07JD, 07RB, 07RC, 21AB, 5360, 5361, 5362, 5365, 5366
Sequence Code: 2	ESTB Date: REV Date: 2/6/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8800
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. The AWF "Source Rating" is limited to the FTS community members who previously earned the NEC code prior to 1 October 2008 ONLY. This NEC code is not authorized for NEW assignment to AWF members who did not previously earn the NEC code prior to 1 October 2008.
2. Due to the unique nature of the AWF FTS community, personnel who earned the NEC codes 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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: K-431-7002	CDP: 11U1
Sequence Code: 3	ESTB Date: 2/27/16 REV Date: 7/1/18	NR Ind: R
Component NEC: 804G	Related NEC:	Legacy NEC Code: 9187
Primary Advisor: SPECWARCOM	Technical Advisor: NSWG TEN	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7352
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. NEC code is assigned to personnel in paygrades E4 and above who have been assigned to parachute jumping duty by competent orders. Must be designated as a Navy and Marine Corps Parachutist and have completed approved static-line, Military Freefall (MFF) and Static-Line Jumpmaster (SLJM) courses prescribed by competent authority, as well as the following:

   a. 2-night static line jumps with combat equipment.
   b. 75 MFF jumps.
   c. 2 water landing jumps (1 Day/1 Night).
   d. 4 MFF jumps with combat equipment requiring the use of oxygen (2 Day/2 Night).
   e. Performed as SLJM for a minimum of 10 parachute operations.

2. A NAVPERS 1221/6 with supporting documentation shall be submitted to PERS-4013 by the Commanding Officer via the respective ECM for NEC code 772A award 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, ETV, FC, FCA, FT, GM, GSE, IC, IT, ITS, MN, MT, STG, STS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-100-0058	CDP: 8722, 452C, 004P, 753J, 759V, 759W
Sequence Code: 7	ESTB Date: REV Date: 4/9/20	NR Ind: A
Component NEC: 783A	Related NEC:	Legacy NEC Code: 9503
Primary Advisor: OPNAV (N43)	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 E5-E8 AE and AT; and E7-E8 CTT, EM, ET, FC, FCA, FT, GM, GSE, IC, IT, MT, STG, and STS.
3. For the CTT source rating only, NEC codes 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
Source Rating: PR	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: C-860-0011	CDP: 11MN
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 7353
Primary Advisor: OPNAV (N95)	Technical Advisor: 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

Conducts formal training course for Miniature and Microminiature Electronic Repair, 2M Inspector, Microminiature Recertification Training and 2M Instructor culminating in certification. Applies requirements of 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, ETV, FC, FCA, FT, GM, GSE, IC, IT, ITS, MN, MT, STG, STS	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-100-0074 (P/L)	CDP: 452F, 450J, 5310, 5312
Sequence Code: 7	ESTB Date: REV Date: 4/9/20	NR Ind: A
Component NEC: 805A and 783A	Related NEC: 772B	Legacy NEC Code: 9509
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVAIR, NAVSEA 04	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, 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

Identifies 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, ETV, ITS, LS, LSS, MMA, MMN, TM, YN, YNS	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 1	ESTB Date: 2/19/13 REV Date: 4/9/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9902
Primary Advisor: BUPERS-32	Technical Advisor: BUPERS-32	ECM: BUPERS-32

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	CIN:	CDP:
Sequence Code: 9	ESTB Date: 8/28/14 REV Date: 8/14/19	NR Ind: A
Component NEC: 804G	Related NEC:	Legacy NEC Code: 90MS
Primary Advisor: OPNAV (N95)	Technical Advisor: CRG-l/CRG-2	ECM: BUPERS-32

NOTES:

1. NEC code may be awarded after completion of one year of OJT familiarization with Maritime Expeditionary Security tasks and functions while assigned to a sea duty command subordinate to Coastal Riverine Group ONE (CRG-1) or Coastal Riverine Group TWO (CRG-2). Commanding Officers shall submit NAVPERS 1221/6 for awarding of NEC code.
2. NEC code may also be awarded retroactively to source rating personnel who meet the following requirements:

   a. Previously earned component NEC code 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:	CIN:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 8/24/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8202
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. Personnel assigned to this DNEC are assigned to BUPERS designated special billets with joint services, foreign services and special assignments where USN coding is not applicable.
2. This NEC is assigned as a distributive NEC only to personnel by BUPERS and billets may be coded only with prior BUPERS concurrence.
3. The use, applicability and retention of this NEC are of a restricted nature.
4. The goal is to prevent entry level naval aircrewmen assigned to these billets from trying to earn aircrew designation without complying with the requirements established for all naval aircrewmen.

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:	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date: 7/5/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 98MC
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO USC, PEO IWS, COMLCSRON ONE	ECM: BUPERS-32

NOTES:

1. Member must complete required prerequisite training; mission package (MP) unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.
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 aircrew 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, AWR, AWS, AWV, CTI, CTR, CTT	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-050-0836	CDP: 751U
Sequence Code: 4	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8210
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. All aircrew attending prerequisite courses must be in an UP status for flying, must be NATOPS current and qualified in model.
2. “Rotary Wing” CIN: S-050-0836 required for AWR 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 Aircrewmen.
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, LS, MM, MN, OS, QM, STG	Billet Paygrades:	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date: 10/1/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 98LM
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO Ships (PMS 501) (PMS 339), COMLCSRON ONE	ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; LM ship unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: OJT, JQR	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 3/12/18	NR Ind: A
Component NEC: 802A	Related NEC:	Legacy NEC Code: 8289
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
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	Billet Paygrades:	Personnel Paygrades: E4-E8
Course:	CIN:	CDP:
Sequence Code: 2	ESTB Date: 1/24/13 REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 98SU
Primary Advisor: OPNAV (N96)	Technical Advisor: PEO LMW (PMS 420), PEO IWS, COMLCSRON ONE	ECM: BUPERS-32

NOTE: Member must complete required prerequisite training; mission package (MP) unique training, and COMLSCRON training to be awarded this NEC code. Submit NAVPERS 1221/6 via COMLCSRON ONE to PERS-4013C.

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	Billet Paygrades: E3-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-041-0004	CDP: 10V3, 10V4
Sequence Code: 4	ESTB Date: 3/3/15 REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0857
Primary Advisor: OPNAV (N96)	Tech Advisor: NAVSEA 05H	ECM: BUPERS-32

NOTES:

1. Personnel who have previously completed CINs A-041-0003 and CIN J-041-2236 difference courses are eligible to earn NEC code 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

Performs organizational maintenance on F-35C Aircraft systems: Power Plants, Electrical, Airframes/Hydraulics, Environmental Control, Ordnance, Avionics, and Survival Equipment.

Source Rating: AD, AE, AM, AME, AO, AT, PR	Billet Paygrades: E3-E7	Personnel Paygrades: E1-E7
Course: Mandatory	CIN: C-601-0050 (AD)	CDP: 07FK (AD)
	C-602-0041 (AE)	07FM (AE)
	C-603-0007 (AM)	07FP (AM)
	C-602-0042 (AME)	07FN (AME)
	C-646-0007 (AO)	07FR (AO)
	C-102-0430 (AT)	07FJ (AT)
	C-602-0040 (PR)	07FL (PR)
Sequence Code: 4	ESTB Date: 10/22/12 REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8348
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:

1. AT requires Top Secret/Sensitive Compartmented Information (TS/SCI), Special Access Required (SAR) security clearance; AM and AO require Secret/SAR security clearance; there are no security clearance requirements for AD, AE, AME, and PR.
2. Member may be awarded NEC code through initial contractor facilitated training and successful completion of unit-level training syllabus via NEC change request from either the F-35C Fleet Readiness Squadron or Commander Strike Fighter Wing Pacific Maintenance Officer.

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	CDP: 378D, 423D
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 4303
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
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	CDP: 11N0
Sequence Code: 5	ESTB Date: 4/17/18 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA PEO IWS 6.0	ECM: BUPERS-32

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	CDP: 19NR, 20B9
Sequence Code: 2	ESTB Date: 10/5/18 REV Date: 7/24/20	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 4239
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA	ECM: BUPERS-32

NOTE. Last reviewed during "FT/TM TRR" completed 7/24/20.

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, ETN, ETV, FC, FCA, FT, GM, GSE, IC, IT, ITS, MN, MT, STG, STS	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-100-0073 S-100-7300	CDP: 092V, 093Y, 452E, 439U, 769H, 8706 12WN, 12WP, 12WR, 12WS, 12WT
Sequence Code: 7	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC: 784A	Related NEC: 730A	Legacy NEC Code: 9526
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 04, NAVAIR	ECM: BUPERS-32

NOTES:
1. Continued NEC code qualification requires recertification per the 2M MTR Certification Manual (NAVSEA TE000-AA-MAN-010/2M, NAVAIR SE-004-PQS-000.
2. NEC code is normally assigned to AE, AT, CTT, EM, ET, FC, FCA, FT, GM, GSE, IC, MT, IT, STG, STS, MN.
3. CIN: S-100-7300 and CDPs: 12WN, 12WP, 12WR, 12WS, 12WT are for use by the 2M MTR Fleet Coordinators only.
4. For the CTT source rating only, NEC codes 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 Decsion 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	CDP: 03UA, 06J1 12TF
Sequence Code: 3	ESTB Date: 10/31/18 REV Date:7/17/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA (PMS 495)	ECM: BUPERS-32

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, ETV, FC, FCA, FT, GM, GSE, IC, IT, ITS, MN, MT, STG, STS	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E6
Course: Mandatory	CIN: A-100-0072 S-100-7200	CDP: 093X, 350T, 439G, 439T, 452D, 769F 12W8, 12W9, 12WB, 12WC NR Ind: R
Sequence Code: 7	ESTB Date: REV Date: 4/9/20	Legacy NEC Code: 9527
Component NEC:	Related NEC:	ECM: BUPERS-32
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 04, NAVAIR	

NOTES:
1. Continued NEC code qualification requires recertification per the 2M MTR Certification Manual (NAVSEA TE000-AA-MAN-010/2M, NAVAIR SE-004-PQS-000).
2. NEC code is normally assigned to 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, ETV, HT, IC, ITS, MMA, MR	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E8
Course: Mandatory	CIN: K-431-0306 K-431-0087	CDP: 5300 5301
Sequence Code: 7	ESTB Date: REV Date: 4/9/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9534
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05, SPECWAR	ECM: BUPERS-32

NOTES:
1. Course K-102-0306 is for ETV and ITS 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 ETV and ITS 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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 3	ESTB Date: 9/20/17 REV Date:12/23/19	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: H17A
Primary Advisor: JSOC J3	Technical Advisor: NAVIFOR	ECM: BUPERS-32

NOTES:
1. Must possess a Top Secret/Sensitive Comparted 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

Perform organizational and intermediate level maintenance training on the ASDS. Possesses the unique skills required to conduct preventive and corrective maintenance on hull, mechanical, electronic and electronic and electrical systems on this new acquisition combatant submersible. Duties also include crewmember of the vehicle and forward deployment as independent duty technician on board a host ship or forward operating base.

Source Rating: EM, ETV, HM, HT, ITS, MMA, MR, STS	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: PQS	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 4/9/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9535
Primary Advisor: SPECWAR	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. Formal training and PQS is required to receive this NEC code.
2. Personnel will normally be qualified in submarines.

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	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: C-602-0002	CDP: 3610
Sequence Code: 3	ESTB Date: REV Date: 2/26/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 7012, D13A
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-041-0002	CDP: 5836
Sequence code: 7	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9536
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

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, AWR, AWS, AWV, AZ, LS, LSS, PR	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: 1/97 REV Date: 11/14/19	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9549
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR, NAVSUP (04)	ECM: BUPERS-32

NOTES:
1. NEC code awarded upon completion of the Defense Acquisition University (DAWIA) courses ACQ-101 and LOG-101.
2. Acquisition Manufacturing and Production or Quality Assurance Specialists: Upon completion of the Defense Acquisition University (DAWIA) courses ACQ-101, PQM-101, and 6 months of satisfactory performance in the acquisition billet.
3. DAWIA training courses are obtained and funded for Navy personnel through the Defense Acquisition Career Management (DACM) Office via the DON Acquisition Training Registrar, Naval Acquisition Career Management Center, 5450 Carlisle Pike, P.O. Box 2033, Mechanicsburg, PA 17055 using quotas that are assigned to the requesting command. Individuals must be currently in, or ordered to, an identified Acquisition billet.

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, ETV, FT, IS, ITS, MMA, ND, OS, SO, STG, STS, TM	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: OJT, PQS	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 4/9/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9550
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA PMS 406 & 408	ECM: BUPERS-32

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	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC: 772A, 805A	Related NEC:	Legacy NEC Code: 9554
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-3C-0001	CDP: 925X, 925W
Sequence Code: 7	ESTB Date: REV Date: 3/1/18	NR Ind: A
Component NEC:	Related NEC: A19A	Legacy NEC Code: 9556
Primary Advisor: DUSN (Policy)	Technical Advisor: DUSN (Policy)	ECM: BUPERS-32

NOTES:
1. Must be a U.S. Citizen and must have security clearance eligibility.
2. Submit NAVPERS 1221/6 with appropriate documentation and Commanding Officer's endorsement to NAVPERS (Code 4013) via ECM BUPERS-32.

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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: C-555-0026	CDP: 07YK, 07YM, 07YN, 09G4, 12BT, 12BU, 12BV, 571X, 2165
Sequence Code: 7	ESTB Date: REV Date: 1/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9590
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-661-1025	CDP: 946C
Sequence Code: 7	ESTB Date: REV Date: 3/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9594
Primary Advisor: OPNAV (N97)/(N98)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

794A - Naval Special Warfare (NSW) Communications Technician

Operate and maintain ship and shore related communications systems as fielded by Naval Special Warfare; equipment is deployed and/or utilized with and by Mobile Communications Teams, commissioned ships, Special Boat Units, Seal and SDV Teams, and NSW Units. Personnel will possess the unique skills to operate and maintain primary and secondary equipment associated with Special Operation Forces (SOF) equipment such as Joint Base Station variants 1, 2, 3 and CORE systems, SINCGARS, Havequick and Low Probability of Exploitation (LPE) capable radios, and other Multi-Band and HF SOF unique radios. Personnel will have advanced working knowledge of the frequency spectrum ELF-EHF, data transmission and waveforms, modulation techniques, field expedient antennas, EKMS fundamentals and security procedures, and DAMA and TACSAT procedures.

Source Rating: CTM, ET, IT, ITS	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: S-101-0001	CDP: 02PB
Sequence Code: 4	ESTB Date: REV Date: 4/9/20	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9613
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:
1. Secret security clearance required.
2. Personnel must complete the Naval Special Warfare Communications course and be assigned to a Naval Special Warfare (NSW) Command. Upon reporting, personnel must complete the NSW Tactical Communications Technician 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.

or

Personnel must have completed the Special Operator Radio Course (SOROC) and be assigned to Joint Communications Unit.

796A - AN/SSN-2(V)5 Precise Integrated Navigation System (PINS) O & M Technician

Operates the AN/SSN-2(V)5 PINS during mine hunting/sweeping operations. Performs as a team member in the Mine Countermeasure (MCM) ship Combat Information Center (CIC) by providing precise navigation information and command and control functions such as ship's position, speed and direction, and location of mine-like objects using all available navigation and environmental sensors including sonar, surface radar, and ship's control displays. Maintains operator logs and ensures proper documentation of mission records. Performs organizational level maintenance on the AN/SSN-2(V)5 PINS equipment to include components and parts replacement. Completes all planned maintenance requirements to restore the system to an operational status.

Source Rating: ET, MN, STG	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-130-0025, A-130-0023	CDP: 06J7, 06J5
Sequence Code: 3	ESTB Date: 2/1/2009 REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9616
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

797A - NAMTS Rigger/Weight Tester

Performs Navy Afloat Maintenance Training Strategy (NAMTS) intermediate-level repair of rigging equipment, providing general rigging and manufacturing services, and the weight testing of equipment, fixtures, ladders, handrails and elevators. Demonstrates knowledge of intermediate-level repair procedures, repair and maintenance standards, quality assurance specifications, and proper use of maintenance industrial machinery.

Source Rating: All	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: OJT, JQR		
	CIN: V-060-0120 (P/L)	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
Sequence Code: 3	ESTB Date: 7/31/13 REV Date: 5/29/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0121
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.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:	CDP:
Sequence Code: 3	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0169
Primary Advisor: OPNAV (N95)	Technical Advisor: NAVFAC SSPO	ECM: BUPERS-32

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).
4. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

799B - Basic MK 18 Unmanned Underwater Vehicle (UUV) Operator and Maintainer

Performs system operation and maintenance, sonar image interpretation, sensor data analysis, and mine warfare mission execution essentials of the MK 18 UUV Family of Systems (FoS) to safely and effectively conduct assigned tasking.

Source Rating: AG, BM, EN, ET, IT MN, OS, STG	Billet Paygrades: E3-E8	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: A-062-0200	CDP: 13T8
Sequence Code: 6	ESTB Date: 7/24/20 REV Date:	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N96)	Technical Advisor: PMS-408	ECM: PERS-406

NOTES:
1. Must be eligible to hold a SECRET security clearance.
2. Personnel must be currently filling a UUV Operator and Maintainer billet or in route to an operational command or learning site where the MK 18 FoS is currently being utilized to earn this NEC code.

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:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-562-0612	CDP: 08HM, 08HN, 08HP, 08HR, 08HS, 08HT, 08HU, 08HV, 08HW, 08HX, 08HY, 08HZ, 08JO, 08J1, 08J2, 08J3, 08J4, 08J5, 08J6, 08J7, 08J8, 08J9, 08JA, 08JB, 08JC, 08JD, 08JE, 08JF, 08JG, 08JH, 08JJ, 08JK, 08JL, 08KL, 08KM, 08KN, 08KP, 08KR, 08KS, 08KT, 08KU, 08KV, 08KW, 08KX, 08KY, 08KZ, OSLO, 08L1, 08L2, 08L3, 08L4, 08LU, 08LV, 08MX
Sequence Code: 7	ESTB Date: 7/30/14 REV Date: 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 orP-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	Billet Paygrades: E8-E9	Personnel Paygrades: E8-E9
Course: Mandatory	CIN: A-570-4500	CDP: 788J
Sequence Code: 2	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9579
Primary Advisor: OPNAV (N97)	Technical Advisor: PERS-403	ECM: OPNAV (N13)

NOTES:

1. Commanding officers must periodically review the performance of personnel assigned this NEC for purpose of NEC quality control.
2. Completion of Senior Enlisted Academy (CIN/CDP: P-920-1301/960F) required in conjunction with assignment to NEC code 8COB billets.
3. Completion of regional Command Master Chief Course using the NAVEDTRA 38204-A, Student's Source Book is required.

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	Billet Paygrades: E8	Personnel Paygrades: E8-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: 9578
Primary Advisor: OPNAV (N00D)	Technical Advisor: OPNAV (N00D)	ECM: BUPERS-32

NOTES:

1. Upon award of the 8CMC 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.

8MTS -Master Training Specialist

Demonstrates advanced instructional techniques; develops, implements and evaluates curricula, instructions and course supporting materials; perfonns adjunct training management functions including: Instructor In-service Training, Instructor Evaluations and Formal Course Reviews.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E5-E9
Course: PQS	CIN:	CDP:
Sequence Code: 7	ESTB Date: 12/19/19 REV Date:	NR Ind: A
Component NEC: 805A	Related NEC:	Legacy NEC Code:
Primary Advisor: NETC	Technical Advisor: NETC	ECM: OPNAV (N13)

NOTES:

1. Open to all personnel meeting the eligibility requirements to be a Navy Instructor or service equivalent and assigned to an instructor or training support billet within the training and education environment for a minimum of six months.
2. 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.

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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-012-0037	CDP: 4060
Sequence Code: 7	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC: 805A	Related NEC:	Legacy NEC Code: 9508
Primary Advisor: OPNAV N7	Technical Advisor: NETC	ECM: OPNAV (N13)

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 LHAs, LHDs, LPDs, and LSDs and across surf and beach interfaces. Executes current amphibious assault tactics employing International and Inland Rules of the Road, navigation, and radio and visual communications procedures. Supervises LCAC crew in all phases of craft operation.

Source Rating: All	Billet Paygrades: E7-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: K-062-0100 K-062-0120	CDP: 0621, 424H 04SD, 04SE
Sequence Code: 2	ESTB Date: REV Date: 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.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: S-501-0006	CDP: 525F
Sequence Code: 3	ESTB Date: REV Date: 1/23/18	NR Ind: N
Component NEC: 803R or 805R	R elated NEC:	Legacy NEC Code: 2186
Primary Advisor: CNRC	Technical Advisor: CNRC	ECM: BUPERS-32

NOTES:

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

801A - Surface Rescue Swimmer

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

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: C-050-0500	CDP: 6952, 889Y
Sequence Code: 5	ESTB Date: 1/1/93 REV Date: 5/29/18	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 0170
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTES:

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

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/16/17	NR Ind: A
Component NEC:	Related NEC: 804G	Legacy NEC Code: 90CA
Primary Advisor: NECC	Technical Advisor: NECC (N7/N8)	ECM: BUPERS-32

NOTES:

1. This course requirement will be satisfied by formal training via Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training or Maritime Civil Affairs Combat Skills Qualification course or Navy Individual Augmentee Combat Training, followed by Maritime Civil Affairs Generalist course or formal US Army Civil Affairs course (28 days) or both Maritime Civil Affairs Operations and Planning course and Maritime Civil Affairs Operations and Interagency course or completion of an operational Civil Affairs deployment.
2. Submit NAVPERS 1221/6 to PERS-4013 for award.
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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 10/1/17	NR Ind: N
Component NEC: 803R, 805R	Related NEC: 800R	Legacy NEC Code: 2187
Primary Advisor: CNRC	Technical Advisor: CNRC	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	Billet Paygrades:	Personnel Paygrades: E1-E8
Course: Mandatory	CIN: C-050-1500	CDP: 806E
Sequence Code: 8	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 8201
Primary Advisor: OPNAV (N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

NOTES:
1. This NEC is assigned to those personnel undergoing flight indoctrination training and evaluation prior to completing a course of instruction leading to a crewmember NEC.
2. Members awarded this NEC must meet basic aircrew prerequisites, be in training for a valid Aircrew billet, and qualify for such training under the provisions of the BUPERSINST 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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: 801G	Legacy NEC Code: 90CD
Primary Advisor: NECC	Technical Advisor: ECRC	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	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: S-501-0031	CDP: 945P
Sequence Code: 3	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 2612
Primary Advisor: PERS-40	Technical Advisor: PERS-40	ECM: BUPERS-32

803A - Unmanned Aerial Vehicle (UAV) Systems Organizational Maintenance Technician
Performs organizational level maintenance on UAV systems and support equipment.

Source Rating: All	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: Commercial	CIN:	CDP:
Sequence Code: 6	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 8361
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: BUPERS-32

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: V18A, V19A	Legacy NEC Code: 90CR
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 46

NOTES:
1. This course will be a combination of formal training and OJT coordinated through U.S. Fleet Forces Command.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

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 guidance as well as an in-depth knowledge of all Navy officer and enlisted programs. Communicates and relates effectively with customers, strategic partners, groups and the community.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-501-0020	CDP: 942H
Sequence Code: 8	ESTB Date: REV Date: 5/7/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9585
Primary Advisor: CNRC	Technical Advisor: CNRC	ECM: OPNAV (N13)

804A - Antiterrorism Training Supervisor
Provides entry and sustainment level security force training in direct support of antiterrorism and force protection readiness; including the capability to effectively interact with the command's Antiterrorism Training Team (ATTT) in management of unit-level antiterrorism training, force protection training, reaction force training in accordance with U.S. Navy directives and guidelines that govern the tactics, techniques, procedures, and fleet-wide force protection training requirements and will assist the ATO with readiness and vulnerability assessments.

Source Rating: All	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-830-0034	CDP: 746T, 746U
Sequence Code: 7	ESTB Date: REV Date: 5/31/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9501
Primary Advisor: USFF N1SF	Technical Advisor: CENSECFOR N5	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 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: REV Date: 2/9/15	NR Ind: A
Component NEC:	Related NEC: 801G, 809G, 805G, 807G, 810G, 811G, 815G, 816G, 825G, 826G	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:

   a. Expeditionary Combat Skills (CIN: A-830-0030).
   b. U.S. Marines Corps School of Infantry (CIN: A-020-0020 – prior to 1 February 2009.)
   c. Seabee Replacement Training Plus Basic Combat Skills II (prior to 1 October 2009).
   d. Explosive Ordnance Disposal Tactical Training (CIN: S-431-0119 – prior to 1 October 2009).
   e. Field Medical Service Technician (CIN B-300-0013) and awarded NEC code 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	CDP: 1976
	A-661-0108	333P
	A-661-0109	333V
	A-012-0077	10WZ, 10XO, 631K, 4642, 4648, 4647, 4649, 4645, 4640, 4641, 979A
	E-050-0804	09KT
	A-661-0110	1021, 203J
	K-431-0300	03MB
	A-661-0107	1016, 203H
Sequence Code: 7	ESTB Date: REV Date: 10/1/17	NR Ind: R
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	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: 807G	Legacy NEC Code: 90DO
Primary Advisor: NECC	Technical Advisor: NEGB	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by formal U.S. Army training via Fort Lewis, Washington. Personnel will undergo 19-day company, platoon, and squad level training model that includes a one-day detainee camp operations Situational Training Exercise (STX) per camp immediately followed by two additional days of Mission Readiness Exercise (MRX) in each camp for a total of nine days of STX/MRX for the company. Completed indoctrination and screening at CBC Gulfport, MS and Detention Operations Training by U.S. Army in Fort Lewis, Washington for permanent or temporary duty at Navy Expeditionary Guard Battalion, Guantanamo Bay, Cuba.
2. Member must complete 6 months OJT to earn this NEC code.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: S-501-0168	CDP: 09E4
Sequence Code: 8	ESTB Date: REV Date: 11/29/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9587
Primary Advisor: CNRC	Technical Advisor: CNRC	ECM: OPNAV (N13)

NOTE: Personnel may earn this NEC code by OJT/PQS or course completion.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: B-570-0101	CDP: 1237
Sequence Code: 7	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC: 805A	Related NEC:	Legacy NEC Code: 9504
Primary Advisor: OPNAV(N98)	Technical Advisor: NAVAIR	ECM: OPNAV (N133D)

NOTE: Hospital Corpsmen who possess NEC code L07A do not require component NEC 805A to be awarded this NEC code.

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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC: 805G	Legacy NEC Code: 90DP
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.
3. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

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	Billet Paygrades: E6-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-501-0011	CDP: 23DT, 477B
Sequence Code: 7	ESTB Date: REV Date: 6/29/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9588
Primary Advisor: OPNAV (N96)	Technical Advisor: PERS-206	ECM: BUPERS-32

NOTES:
1. NEC code is not awardable to NC personnel.
2. Last reviewed during "CSCS TRR" completed 6/29/20.

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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: E-012-0001	CDP: 448C, 07Z7
Sequence Code: 7	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC: 805A	Related NEC:	Legacy NEC Code: 9505
Primary Advisor: NETC	Technical Advisor: CENSECFOR	ECM: OPNAV (N13)

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	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: OJT	CIN: See Note 2	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90DS
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by on-the-job and formal training to include Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training or Navy Individual Augmentee Combat Training. Followed by Formal U.S. Army Detainee Operations Training at FT Bliss and FT Lewis.
2. 6 months OJT required for NEC.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.

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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: R-501-0005	CDP: 6963
Sequence Code: 7	ESTB Date: 9/21/10 REV Date: 12/19/17	NR Ind: A
Component NEC:	Related NEC: 806R	Legacy NEC Code: 9592
Primary Advisor: CNRFC (N1)	Technical Advisor: NRPDC	ECM: BUPERS-32

808A - Basic Swimming and Water Survival Instructor

Instruct basic swimming strokes and water survival to include breast, side, elementary back and American crawl strokes, survival floating, treading water, survival swimming, abandon ship procedures, auxiliary floatation devices, marine environmental hazards, rescue techniques to include spinal injury, and CPR/First Aid. Also conducts, organizes, and manages classroom and poolside classes.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-012-1014	CDP: 300F
Sequence Code: 6	ESTB Date: REV Date: 10/16/17	NR Ind: A
Component NEC: 805A	Related NEC: 806A	Legacy NEC Code: 9510
Primary Advisor: NETC	Technical Advisor: NETC	ECM: OPNAV (N13)

NOTE: Last reviewed during "NAVMAC Periodicity Review" completed 10/16/17.

808G - GWOT IA/ILO Confinement Operations-Non Deployed

GWOT IA/ILO personnel receiving orders, via the U.S. Army Detainee Operations Training Center, to perform confinement operations at Fort Suse, Iraq or Guantanamo Bay, Cuba. Sailors that have NOT done a "boots on the ground" tour can earn this NEC.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC: 807G, 826A, P08A	Legacy NEC Code: 90DT
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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course: Mandatory	CIN: A-500-0612 (P/L)	CDP: 09K3
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9515
Primary Advisor: OPNAV (N17)	Technical Advisor: OPNAV (N17)	ECM: OPNAV (N17)

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	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: 804G	Legacy NEC Code: 90ET
Primary Advisor: NECC	Technical Advisor: ETC	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by completion of either Embedded Training Team pipeline training or completion of Expeditionary Training Command (4587A) training requirements.
2. Submit NAVPERS 1221/6 to PERS-4013 for award.

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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-831-0002	CDP: 572D
Sequence Code: 8	ESTB Date: REV Date: 12/12/19	NR Ind: R
Component NEC: 826A	Related NEC:	Legacy NEC Code: 9516
Primary Advisor: OPNAV ((N96)	Technical Advisor: NAVSEA 05	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 CHNAVPERS (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
	A-011-2223	19HR
	A-011-2224	19HS
Sequence Code: 9	ESTB Date: 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: 23DM, 23EF
Sequence Code: 7	ESTB Date: REV Date: 6/29/20	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 "CSCS TRR" completed 6/29/20.

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
	A-011-2225	19HM
Sequence Code: 9	ESTB Date: 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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 10/1/17	NR Ind: R
Component NEC: 805A	Related NEC:	Legacy NEC Code: 9518
Primary Advisor: OPNAV (N1)	Technical Advisor: NETC	ECM: OPNAV (N13)

NOTES:

1. NITC instructors and SEA Faculty Advisors (FAs) require high caliber personnel with advanced facilitation skills. Previous experience as an instructor is desired when selecting personnel to teach NITC, the course that trains future instructors and awards NEC code 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 obliserve requirement to be awarded this NEC code.
2. Individual must successfully complete NITC (CIN: A-012-0077) and/or be awarded component NEC code 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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90IN
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

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	Billet Paygrades: E5-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-232-5072	CDP: 929G
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9520
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NETWARCOM (N17)	ECM: BUPERS-32

NOTES:

1. Currently only Russian linguists serving, or have served at OSIA are eligible. NEC may be awarded by BUPERS upon achieving advanced level qualifications (Level 3) in listening and speaking on the Defense Language Proficiency Test (DLPT) and upon successful completion of six months translator duty. Continued NEC qualification requires annual recertification by means of the DLPT. Personnel no longer serving at OSIA must achieve advance qualifications (Level 3) in listening and in one functional area (i.e., reading or speaking) to retain the NEC.
2. Currently only course offered is in Russian (71RU-OSIA Special) in Defense Language Institute Foreign Language Center Catalog.

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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90IT
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-041-0040	CDP: 8175, 9098, 03PK, 05K1
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9525
Primary Advisor: OPNAV (N4)	Technical Advisor: NAVSUP	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	Billet Paygrades:	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90JS
Primary Advisor: OPNAV (N95)	Technical Advisor: JSOC USN/HRE	ECM: Pers 40

NOTES:
1. NEC will be awarded retroactively to the start of CY07.
2. NEC is awarded based on completion of organic unit training prior to deployment to support a Joint Special Operations Task Force, to identify personnel who have received unique Joint Special Operations experience.

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	Billet Paygrades:	Personnel Paygrades: E3-E6
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: REV Date: 12/19/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9545
Primary Advisor: USFF N1SF	Technical Advisor: NECC	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	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: See Note 2	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: 824A	Legacy NEC Code: 90LG
Primary Advisor: NECC	Technical Advisor: NAVELSG TEU	ECM: BUPERS-32

NOTES:
1. Expeditionary Combat Skills (CIN: A-830-0030) or Basic Cargo Handling (CIN G-060-2010) or Basic Air Cargo Handling (CIN: G-060-2030) or Advanced Cargo Handling (CIN: G-060-2020) or Advanced Air Cargo Handling (CIN: G-060-2102) or Cargo Supervisor (CIN: G-060-2040) or pre-deployment training by Expeditionary Logistics Support Group.
2. A forward deployment with a NMCB, Logistic Support Unit or Expeditionary Support Unit will be considered OJT for NEC.
3. Submit NAVPERS 1221/6 to PERS-4013 for award.

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code: 9557
Primary Advisor: OPNAV (N95)	Technical Advisor: JSOC USN/HR	ECM: BUPERS-32

NOTES:
1. Assigned personnel, regardless of rank or rating, attend rigorous organic and service sponsored courses of instruction that include, but not limited to, Basic Army Airborne Qualification, Combat Life Saver, Integrated Special Operations Medic course, tactical driving, executive protection and combat specific courses of instruction.
2. All candidates must undergo an intensive screening process prior to selection.
3. All candidates must be able to obtain a TS/SCI clearance.
4. All personnel must meet/exceed U.S. Army physical fitness standards and annually qualify with various small arms and crew served weapons.

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.

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN: See Note 2	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: 824A, 815G	Legacy NEC Code: 90LS
Primary Advisor: NECC	Technical Advisor: NAVELSG TEU	ECM: BUPERS-32

NOTES:
1. Expeditionary Combat Skills (CIN A-830-0030) or Basic Cargo Handling (CIN G-060-2010) or Basic Air Cargo Handling (CIN G-060-2030) or Advanced Cargo Handling (CIN G-060-2020) or Advanced Air Cargo Handling (CIN G-060-2102) or Cargo Supervisor (CIN G-060-2040) or pre-deployment training by Expeditionary Logistics Support Group.
2. NEC code is removed when member becomes eligible for 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.

Source Rating: All	Billet Paygrades: E5-E7	Personnel Paygrades: E5-E7
Course: Mandatory	CIN: K-821-2145	CDP: 254G
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9559
Primary Advisor: NAVPETOFF	Technical Advisor: NAVAIR, NAVSEA 05, NAVFACENG	ECM: OPNAV (N13)

NOTES:
1. In lieu of applicable course, personnel completing a regular duty assignment at a shore bulk facility may be recommended for this NEC code. (For inactive duty select reserve (SELRES) personnel, the term regular duty assignment refers to drills, Annual Training (AT), and Inactive Duty Training and Travel (IDTT)). Specific OJT and experience must be documented in the NAVPERS 1221/6 to PERS-4013D2 via the Commanding Officer, Navy Petroleum Office, Cameron Station, Alexandria, VA 22314. The CO, Navy Petroleum Office will provide final adjudication based upon personnel qualifications.
2. NEC code normally assigned to active duty personnel in the ABF, MM, EN, HT, and UT ratings.
3. NEC code normally assigned to inactive duty SELRES in the above ratings as well as in the following: AD, AE, BM, EM, MM, MR, BU, CE, CM, EO, and SW.
4. NEC code normally assigned to active duty personnel in paygrade E5 through E7 per Chapter IV of NEC manual. NEC normally assigned to inactive duty SELRES in paygrades E4 through E8.

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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90MN
Primary Advisor: ADCNO (N1B)	Technical Advisor: Pers-4	ECM: Pers 40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

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	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-101-0024	CDP: 03CT
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9560
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: SPAWAR	ECM: BUPERS-32

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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90MP
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 4G

NOTES:
1. This course will be a combination of formal training and OJT coordinated through U.S. Fleet Forces Command.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E3-E9
Course: OJT	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9562
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

NOTES:
1. Normally assigned to CS, CSS, ET, HM, LS, LSS, MM, ND, YN, and YNS personnel.
2. Personnel must have successfully completed a formal certification program established by the type commander.
3. Must qualify as pilot of the DSV/ADS, Internal Attendant on SRS, or SRC 0perator.

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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: 809G	Legacy NEC Code: 90MT
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: Pers 46

NOTES:
1. This course will be a combination of formal training and OJT coordinated through U.S. Fleet Forces Command.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

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	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-557-0003 or B-557-3100	CDP: 05A5, 08D8 or 08S8
Sequence Code: 7	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9564
Primary Advisor: OPNAV (N120)	Technical Advisor: NAVSEA, NAVAIR	ECM: BUPERS-32

NOTES:
1. NEC code will be awarded through a combination of formal training at the local activity and OJT. NEC will be awarded if member is a certified Green Belt as per local command policy and recommended by the Commanding Officer via the local command's Certified Black Belt/Master Black Belt (NMSC CPI/LSS PMO for Navy Medicine). The local command's certified Black Belt/Master Black Belt (NMSC CPI/LSS PMO for Navy Medicine) will validate completion of the following 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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC: 821G	Legacy NEC Code: 90NI
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. 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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9566
Primary Advisor: CMSC	Technical Advisor: NAVSEA 05	ECM: COMNAVRESFOR

NOTES

1. This NEC code is awarded to Selected Reserve (SELRES) personnel only and will not be used to identify active duty personnel or billets.
2. 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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 9/24/18	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.
3. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

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	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: S-250-0500	CDP: 779G
	K-2G-3615	481Z
Sequence Code: 7	ESTB Date: 7/28/08 REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90SI
Primary Advisor: ADCNO (N1B)	Technical Advisor: PERS-4	ECM: PERS-40

NOTE: This course will be a combination of formal U.S. Army training and OJT.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: 7/28/08 REV Date: 12/19/17	NR Ind: R
Component NEC: 822A	Related NEC:	Legacy NEC Code: 9569
Primary Advisor: OPNAV (N96)	Technical Advisor: SPECWAR, NAVSEA 05	ECM: BUPERS-32

NOTES:

1. JTAC instructor-qualified personnel must instruct JTAC trainees. JTAC Instructors require one year of operational experience as a qualified JTAC (or one year as 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	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 90SP
Primary Advisor: ADCNO (N1B)	Technical Advisor: PERS-4	ECM: Pers 40

NOTES:

1. This course will be a combination of formal U.S. Army training and OJT.
2. Last reviewed during “NAVMAC Periodicity Review” completed 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	Billet Paygrades: E5-E8	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: G-060-2010	CDP: 04X4
	G-060-2020	04X7
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9570
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVELSG, NAVSUP, NAVFACENG	ECM: OPNAV (N13)

NOTES:

1. NEC code may be assigned upon completion of formal training and completion of NAVEDTRA 43335 (Series) Personnel Qualification Standards (PQS) Hatch Captain Watchstation (306) or Ship Supervisor (307).
2. NEC code is used primarily to identify requirements and pretrained augmented personnel necessary to support the OPNAV Special Augmentation Plan (OPNAVINST 5440.73 Series).

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course: OJT	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 10/1/17	NR Ind: A
Component NEC:	Related NEC: 803A	Legacy NEC Code: 90UE
Primary Advisor: NECC	Technical Advisor: ECRC	ECM: PERS-46

NOTES:
1. This course will be a combination of formal training and OJT coordinated through U.S. Fleet Forces Command.
2. Submit NAVPERS 1221/6, via ECRC, to PERS-4013 for award.

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.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: 4/1/1984 REV Date: 10/1/17	NR Ind: R
Component NEC:	Related NEC: B22A	Legacy NEC Code: 9571
Primary Advisor: OPNAV (N09F)	Technical Advisor: OPNAV (N09F)	ECM: OPNAV (N13)

NOTES:
1. NEC code may be earned upon completion of:

a. Safety Program Afloat PQS, NAVEDTRA series; Watchstation 301 - Divisional Safety Petty Officer.
b. Completion of ONE of the following:

1. Aviation Safety Specialist (A-493-0065) or (A-493-0665 for the online course).
2. Safety Programs Afloat Course (A-493-2099) or (A-493-2098 for the online course).
3. Introduction to Navy Safety and Occupational Health (Ashore)(A-493-0050) or (A-493-0550 for the online course).
4. Submarine Safety Officer Afloat Course (F-4J-0020) or (F-4J-0023 for the online course).

2. Submit NAVPERS 1221/6 to 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).

Source Rating: All	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC: 804G, 826G	Legacy NEC Code: 90UN
Primary Advisor: NECC	Technical Advisor: CRG1/CRG2	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by formal training to include Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training or Navy Individual Augmentee Combat Training.
2. Submit NAVPERS 1221/6 to PERS-4013 for award.
3. Last reviewed during “NAVMAC Periodicity Review” completed 9/24/18.

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/detainees/prisoners within and outside places of confinement. Supervises awardees in a non-incarcerative setting providing leadership and guidance by instruction and by example. Is knowledgeable of correctional programs and administration as practiced in both the brig and correctional custody unit environments. Has ability to supervise both brig prisoners and detainees and correctional custody unit awardees while applying the level of control supervision and guidance appropriate to each. Performs such other duties as area shakedown strip and frisk searches escorting tool and key control and disaster fire disturbance and riot control.

Source Rating: All	Billet Paygrades: E4-E9	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-831-0001	CDP: 572B
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9575
Primary Advisor: PERS-84	Technical Advisor: PERS-84	ECM: OPNAV (N13)

NOTES:
1. To be assigned this NEC, personnel must meet selection screening criteria set forth in MILPERSMAN 1306-904.
2. This NEC code applies to all non-MA personnel only. MA rating personnel will be awarded NEC code 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	Billet Paygrades: E3-E9	Personnel Paygrades: E1-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 9	ESTB Date: REV Date: 9/24/18	NR Ind: A
Component NEC:	Related NEC: 804G, 825G	Legacy NEC Code: 90UV
Primary Advisor: NECC	Technical Advisor: CRG1/CRG2	ECM: BUPERS-32

NOTES:
1. This course requirement will be satisfied by formal training to include Expeditionary Combat Skills (CIN: A-830-0030) or USMC School of Infantry (CIN: A-020-0020) or SEABEE Replacement Training or Navy Individual Augmentee Combat Training.
2. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

827A - Rubber and Plastics Worker

Fabricates and repairs rubber and plastic parts of equipment. Formulates, compounds, and processes rubber and plastic to obtain required characteristics. Operates various types of mixing, heating, molding, pressing, shaping, and related machinery to repair, replace, or modify rubber or plastic items. Performs routine maintenance on ship machinery.

Source Rating: All	Billet Paygrades: E4-E8	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9581
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

NOTES:
1. Member must complete one year of experience at an IMA rubber and plastics shop and receive Comamanding Officer's recommendation.
or
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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E8
Course: Mandatory	CIN: A-011-0002	CDP: 18LE
	A-011-2219	18X7
	A-011-2221	18X5
Sequence Code: 9	ESTB Date: 3/25/19 REV Date:	NR Ind: A
Component NEC: 804G	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N95)	Technical Advisor: NECC, CRG 1, CRG 2	ECM: BUPERS-32

NOTE: 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	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: Mandatory	CIN: A-557-0009	CDP: 07HE
	or	or
	B-557-3005	09M5
Sequence Code: 7	ESTB Date: 3/8/13 REV Date: 9/24/18	NR Ind: A
Component NEC: 820A	Related NEC:	Legacy NEC Code: 9582
Primary Advisor: OPNAV (N120)	Technical Advisors: OPNAV (N96)/(N97)/(N98)	ECM: BUPERS-32

NOTES:

1.The DON approved JQR standards have been met:

a. Lead two full DMAIC projects and one KAIZEN/Rapid 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.

3. Last reviewed during "NAVMAC Periodicity Review" completed 9/24/18.

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	Billet Paygrades: E4-E6	Personnel Paygrades: E3-E9
Course: OJT	CIN:	CDP:
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9583
Primary Advisor: OPNAV (N43)	Technical Advisor: NAVSEA 05	ECM: OPNAV (N13)

NOTE: Seabee personnel assigned to the Naval Support Unit, State Department attend a two-week formal training course, Safe and Lock Maintenance course, given by the Diplomatic Security Service, Diplomatic Security Physical Security Laboratory, Newington, VA.

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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: A-322-2600	CDP: 05BK, 05C2, 05HV, 05LZ, 06WL, 07AV, 07AW, 07AX, 07B1, 07B4, 09PZ, 09YK, 10CX, 438D, 592X
	A-322-2600	438D
	A-322-2604	10ZZ
Sequence Code: 7	ESTB Date: REV Date: 5/8/19	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9595
Primary Advisor: OPNAV(N45)	Technical Advisor: NAVSUP (04)	ECM: OPNAV (N13)

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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: H-2G-1001	CDP: 04RF
Sequence Code: 3	ESTB Date: 8/9/11 REV Date: 12/19/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 9596
Primary Advisor: NWC (N0)	Technical Advisor: NWC (70)	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	Billet Paygrades: E4-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-670-0020	CDP: 03W3
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9597
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	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	Billet Paygrades: E5-E8	Personnel Paygrades: E5-E8
Course: Mandatory	CIN: A-494-0006	CDP: 07RM, 07RN
Sequence Code: 7	ESTB Date: REV Date: 12/19/17	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 9598
Primary Advisor: OPNAV (N96)/(N97)/(N98)	Technical Advisor: NAVFACENG	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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: OJT, JQR	CIN: V-652-4540 (P/L)	CDP: 02HH, 11WW, 11WX, 12HG, 12RH, 13BF, 698P, 698R, 698W, 698X, 698Y.
Sequence Code: 7	ESTB Date: 5/9/16 REV Date: 12/19/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 95AB
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	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.

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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E8
Course: OJT, JQR	CIN: V-495-4812 (P/L)	CDP: 01J9, 11WZ, 11XO, 12HJ, 12RD, 13BG, 689A, 689B, 689G, 689H, 689J
Sequence Code: 7	ESTB Date: 8/3/16 REV Date: 12/19/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 95AC
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Awarding of this NEC code is based on documented completion of Fleet-specified tasks for this skill and demonstration of advanced-level proficiency during hands-on training and production work as specified in the current JQR located at https://navsea.portal.navy.mil/field/cnrmc/namts. Training is led by journeyman-level craftsmen and supplemented by appropriate self-paced instruction consistent with Department of Labor journeyman certified.

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	Billet Paygrades: E6-E9	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 7	ESTB Date: 2/16/17 REV Date: 12/19/17	NR Ind: R
Component NEC: 823A	Related NEC:	Legacy NEC Code: 95AE
Primary Advisor: OPNAV (N98)	Technical Advisor: SPECWAR, NAVSEA 05	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	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: PQS	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 3/4/20	NR Ind: A
Component NEC: 804G	Related NEC:	Legacy NEC Code: 5307
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. Must complete the Naval Special Warfare (NSW) Expeditionary Warfare (EXW) PQS qualification 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 and HELO Egress training. Additionally, member 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 Component NEC for future personnel management.
3. SECRET security clearance is required.
4. Must be a 2nd Class Swimmer.
5. NAVPERS 1221/6 must be endorsed by NSW Echelon III command and submitted to NSW ECM (BUPERS-324) for awarding of this NEC code.
6. Selected Reserve (SELRES) must be assigned to a NSW command for a minimum of 12 months prior to final qualification, be in a satisfactory drill status, complete at least three periods of annual training (AT), Active Duty Training (ADT), or an equivalent Active Duty Special Work (ADSW) of which a minimum of two periods of AT/ADT or equivalent ADSW is on the same type NSW EXW command.

838A - 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	Billet Paygrades: E4-E8	Personnel Paygrades: E4-E9
Course: OJT, JQR	CIN:	CDP:
Sequence Code: 3	ESTB Date: 8/15/16 REV Date: 7/1/18	NR Ind: A
Component NEC: 854A, 837A	Related NEC: 803A, 8464	Legacy NEC Code: 5308
Primary Advisor: OPNAV (N2/N6)	Technical Advisor: NAVAIR PMA-263	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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course:	CIN:	CDP:
Sequence Code: 4	ESTB Date: 10/96 REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5344
Primary Advisor: OPNAV (N97)	Technical Advisor: OPNAV N873	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	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-433-0023	CDP: 6419
	A-433-0052	385G
Sequence Code: 4	ESTB Date: 1/70 REV Date: 7/1/18	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5345
Primary Advisor: OPNAV (N97)	Technical Advisor: NAVSEA 05	ECM: BUPERS-32

NOTE: Source Ratings are in accordance with MILPERSMAN 1220-100.

841A - Reserve Pay and Personnel Management (RPPM) Clerk

Manages Navy Reseve 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	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: R-500-0020	CDP: 12NW, 4769
Sequence Code: 7	ESTB Date: 12/23/19 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N0951)	Technical Advisor: COMNAVRESFOR (N1)	ECM: BUPERS-35

843A - Navy Debriefer

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course:	CIN: K-244-2304	CDP: 12BA, 12L3, 13NO, 15MM
Sequence Code: 8	ESTB Date: 11/9/17 REV Date:	NR Ind: A
Component NEC:	Related NEC: K13A	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

NOTE: Secret security clearance required.

844A - Defense Strategic Debriefer (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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date:	NR Ind: A
Component NEC:	Related NEC: K13A	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E4-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date:	NR Ind: A
Component NEC:	Related NEC: K13A	Legacy NEC Code:
Primary Advisor: OPNAV(N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date:	NR Ind: A
Component NEC:	Related NEC: K13A	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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.

850A - Advance Operational Support Specialist

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	Billet Paygrades:	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date:	NR Ind: A
Component NEC: 849A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV(N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

NOTES:
1. Top Secret/Sensitive Compartmented Information security clearance required.
2. NEC code is award upon completion of Joint Operations Support Training Advance Planners Course or equivalent course at the Joint CI Training Activity, Quantico, VA. Member must previously be awarded NEC 849A, Operational Support Specialist. 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.

851A - Defense Counterintelligence (CI) Agent

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	Billet Paygrades:	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date: 12/4/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N2N6I2X)	Technical Advisor: NAVIFOR (N13)	ECM: BUPERS-32

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.

852A - Advance Counterintelligence (CI) Collection Specialist

Conduct active CI collections, missions, and functions against Foreign and Domestic Intelligence Elements as well as insider and foreign threats using advanced CI tactics, techniques, and procedures. 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 related activities are to be conducted in accordance with national, DoD and DON policy and guidance.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E6-E9
Course:	CIN:	CDP:
Sequence Code: 8	ESTB Date: 11/9/17 REV Date: 12/4/17	NR Ind: A
Component NEC: K13A or 851A	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV(N2N6I2X)	Technical Advisor: COMNAVIFOR (N13)	ECM: BUPERS-32

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.

853A - Force Protection Boat Coxswain

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

Source Rating: All	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-062-0050	CDP: 03ZF
Sequence Code: 9	ESTB Date: 7/18/11 REV Date: 7/1/2018	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 0190
Primary Advisor: USFF	Technical Advisor: CSF	ECM: BUPERS-32

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	Billet Paygrades:	Personnel Paygrades: E4-E9
Course: JQR, PQS	CIN:	CDP:
Sequence Code: 4	ESTB Date: REV Date: 7/1/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code: 5306
Primary Advisor: OPNAV (N95)	Technical Advisor: SPECWAR	ECM: BUPERS-32

NOTES:
1. Candidates must complete the Naval Special Warfare (NSW) Job Qualification Requirements (JQR)/Personnel Qualification Standards (PQS) for the Expeditionary Warfare (EXW) training modules 101 thru 117 to include Safety, First Aid, History of Special Operations Forces (SOF), SOF command structure, Admin command and control, Supply/Logistics, Communications, CESE, AT/FP, Military Security, Navigation, Convoy Operations, Mission Planning, Operational Risk Management (ORM), and Weapons fundamentals and Small boat coxswain. Candidates must complete a training pipeline to include Expeditionary Combat Skills (ECS), Certified Combat Skills (CCS) course or Individual Augmentee (IA) course of instruction, must be a second class swimmer, and must have PRT scores within standards for the last five cycles.
2. Member will retain previously earned NECs upon completion of NEC 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:	Billet Paygrades: E3-E9	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: A-431-0049	CDP: 066F
Sequence Code: 4	ESTB Date: REV Date: 1/10/20	NR Ind: R
Component NEC:	Related NEC:	Legacy NEC Code: 5348
Primary Advisor: OPNAV (N96)	Technical Advisor: NAVSEA 05 (PMS-EOD)	ECM: BUPERS-32

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	Billet Paygrades:	Personnel Paygrades: E1-E4
Course:	CIN:	CDP:
Sequence Code: 9	ESTB Date: 6/28/18 REV Date:	NR Ind: N
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: PERS 40B	Technical Advisor: PERS 40B	ECM: 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	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: J-2G-6075	CDP: 19PY
Sequence Code: 4	ESTB Date: 7/5/18 REV Date: 8/16/18	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: USSOCOM J8	Technical Advisor: USSOCOM J7	ECM: BUPERS 32

NOTES:
1. Secret Security Clearance required.
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	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN: R-7A-0020	CDP: 4770
Sequence Code: 7	ESTB Date: 9/9/19 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N0951)	Technical Advisor: COMNAVRESFORCOM (N31)	ECM: BUPERS-35

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	Billet Paygrades: E3-E8	Personnel Paygrades: E3-E9
Course: OJT, JQR	CIN: V-063-0237 (P/L)	CDP: 19N4, 19N5, 19N6, 20T5, 20T7, 20T8, 20TB
Sequence Code: 5	ESTB Date: 11/14/19 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
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. 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.

861A - Navy Primary Prevention (PP) and Human Factors Process (HFP) Advanced Professional Development Train the Trainer Certification
Provides oversight, training and quality assurance checks regarding the use of HFP/PP-related information and tools for Command Resilience Team (CRT) members and others within the CRT Network locally staffed within the Region.

Source Rating: All	Billet Paygrades: E5-E9	Personnel Paygrades: E5-E9
Course: Mandatory	CIN:	CDP:
Sequence Code: 8	ESTB Date: 6/11/20 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV N17	Technical Advisor: OPNAV N17	ECM: BUPERS-32

NOTES:
1. NEC code is awarded through completion of formal 5-day Advanced Training Course held on an annual basis at Embry-Riddle Aeronautical University, followed by 3 days of Expanded Operation Stress Control (EOSC) face-to-face training in either San Diego, CA, or Norfolk, VA, followed by an additional 12 days total of collaborative online scenario-based question and answer, group discussion and activity generated training.
2. To obtain the NEC code, members must be certified as Cultural Champions. No recertification is required.
3. NEC is awarded by submitting NAVPERS 1221-6 to PERS-4013.

862A - Navy Reserve Order Writing System (NROWS) Orders Specialist
Process and approve Active Duty for Training (ADT), Annual Training (AT), Inactive Duty Training Travel (IDTT), and associated travel orders in the Navy Reserve Order Writing System (NROWS) and Defense Travel System (DTS) for Selected Reserve (SELRES) and Inactive Ready Reserve (IRR) Sailors at Navy installation ashore and commands afloat under the supervision of the Order Writing Authority.

Source Rating: All	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E9
Course: Mandatory	CIN: R-510-5514	CDP: 07YH
Sequence Code: 5	ESTB Date: 3/31/20 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N095)	Technical Advisor: COMNAVRESFORCOM (N33)	ECM: BUPERS-35

863A - Navy Reserve Activity (NRA) Command Senior Enlisted Leader (CSEL)

Provides leadership to the enlisted force and advises Commanding Officers on enlisted matters that support mission accomplishment for all Sailors assigned to their NRA or Navy Operational Support Center (NAVOPSPTCEN). As the NRA or NAVOPSPTCEN Commanding Officer's direct representative, they provide input in the formulation, implementation, and execution of policies concerning morale, welfare, job satisfaction, discipline, utilization, family support, training, reserve management, mobilization, and demobilization of reserve Sailors assigned to their NRA or NAVOPSPTCEN.

Source Ratings: All	Billet Paygrades: E7-E9	Personnel Paygrades: E7-E9
Course: Mandatory	CIN: R-521-0001	CDP: 10JF
Sequence Code: 2	ESTB Date: 6/3/20 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV N095	Technical Advisor: COMNAVRESFORCOM (N00C)	ECM: BUPERS-35

864A - Board of Inspection and Survey (INSURV) Inspector

Identifies qualifications, skills and knowledge required to perform the duties and/or functions of an INSURV Inspector. Inspectors are required to remain current in their respective specialty area by keeping pace with technological advancements, new initiatives and by attending or participating in additional technical training briefings.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E6-E9
Course: OJT, JQR	CIN:	CDP:
Sequence Code: 8	ESTB Date: 7/7/20 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: USFF (N1)	Technical Advisor: USFF (N1)	ECM: BUPERS-32

NOTES:

1. Must possess or be able to attain a valid United States Passport.
2. Must possess a Secret security clearance, Top Secret for certain functional areas.
3. Member must successfully complete the requisite INSURV Inspector OJT and JQR in the respective functional inspection area(s). Verification that Inspector has met the prerequisite requirements must be approved via Command Endorsement Letter signed by President, Board of Inspection and Survey (PRESINSURV).

866A - Reserve Medical Administration Technician (RMAT)

Manages Navy Reserve Activity (NRA) medical and dental systems, in accordance with Navy Reserve policy, for assigned Selected Reserve Sailors to include deployability, distributive mobilization, service treatment record administration, healthcare benefits, injury case management, gains, losses, individual Reserve Health Readiness Program contract administration, mobilizations, command assessments, and audits.

Source Rating: All	Billet Paygrades: E3-E7	Personnel Paygrades: E3-E7
Course: Mandatory	CIN: R-500-0007	CDP: 12NU, 6965
Sequence Code: 7	ESTB Date: 6/10/20 REV Date:	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV N0951	Technical Advisor: COMNAVRESFORCOM (N9)	ECM: BUPERS-35

LANGUAGE CAREER FIELD

9ACE-9ZHO - Language Capability (Billets and Personnel)
Identifies proficiency in a foreign language required for billets and personnel.

Source Rating: All
Course:
Sequence Code: 6
Component NEC:
Primary Advisor: OPNAV (N13F)

Billet Paygrades: E3-E9
CIN:
ESTB Date: 12/6/10 REV Date: 10/18/17
Related NEC:
Technical Advisor: NAVIFOR (N17)

Personnel Paygrades: E1-E9
CDP:
NR Ind: A
Legacy NEC Code:
ECM: BUPERS-32

NEC	LANGUAGE TITLE	CIN	CDP
9ACE	ACHINESE		
9AEB	ARABIC-TUNISIAN		
9AFR	AFRIKAANS		
9AMH	AMHARIC		
9APD	ARABIC-SUDANESE	A-232-1605	09VS
9ARA	ARABIC	K-431-5202	09BN, 09BS, 09BT
9ARB	ARABIC (MODERN STANDARD)	A-232-5006, A-232-6006, A-232-0083	877U, 913Z, 03BG
9ARQ	ARABIC-ALGERIAN		
9ARY	ARABIC-MOROCCAN		
9ARZ	ARABIC-EGYPTIAN		
9AYL	ARABIC-LIBYAN		
9AZE	AZERBAIJANI		
9BAL	BALUCHI	A-232-1603	09VM
9BAM	MANDINGO-BAMBARA		
9BAN	BALINESE		
9BEN	BENGALI	K-431-5213	09CB, 09CC
9BUL	BULGARIAN	A-232-5083	0486
9CBK	CHAVACANO		
9CHE	CHECHEN		
9CMN	CHINESE-MANDARIN	A-232-5007, A-232-6007, A-232-0081, K-431-5218	877V, 914A, 03BE, 10JU
9DAN	DANISH	A-232-1604	09VR
9DEU	GERMAN	A-232-5017	889F
9ELL	GREEK		
9EST	ESTONIAN		
9FIN	FINNISH		
9FRA	FRENCH	A-232-5008, K-431-5207	877W, 09BW/09BX/09U3
9FUL	FULANI		
9GAN	CHINESE-GAN		
9GRN	GUARANI		
9GSW	GERMAN-SWISS		
9GUJ	GUJARATI		
9HAT	HAITIAN-CREOLE	A-232-0005	993Z
9HAU	HAUSA	A-232-V99A	09VJ
9HBS	SERBO-CROATIAN	A-232-5024*	437E*
9HEB	HEBREW	A-232-5009, A-232-6009	877X, 914C
9HIL	HILIGAYNON		
9HIN	HINDI	A-232-6032	993Y

NEC	LANGUAGE TITLE	CIN	CDP
9HYE	ARMENIAN		
9IBO	IBO		
9IND	INDONESIAN	A-232-5087	06T0
9ITA	ITALIAN	A-232-5020	11BA
9JAV	JAVANESE		
9JPN	JAPANESE	A-232-5021, A-232-V04B	890D, 09VP
9KAN	KANARESE		
9KAT	GEORGIAN	A-232-5086	048A
9KAZ	KAZAKH		
9KHM	CAMBODIAN	A-232-5084	0487
9KOR	KOREAN	A-232-6010, A-232-5010, A-232-0082	914D, 877Y, 03BF
9CKB	KURDISH		
9LAO	LAO		
9LAV	LATVIAN		
9LIN	LINGALA		
9LIT	LITHUANIAN		
9MAD	MADURESE		
9MAL	MALAYALAM		
9MAR	MARATHI		
9MDH	MAGINDANAON		
9MKD	MACEDONIAN		
9MLY	MALAY		
9MYA	BURMESE		
9NAN	CHINESE-AMOY (SOUTH MIN)		
9NEP	NEPALESE		
9NLD	DUTCH	A-3B-0030	0488
9NOB	NORWEGIAN	A-3B-0031*	0492*
9ORI	ORYIA		
9OSS	OSSETIC		
9PAN	PUNJABI		
9PAP	PAPIAMENTO		
9PBT	PASHTO-AFGHAN	A-232-6029	987K
9PBU	PASHTO-PESHAWARI		
9PES	PERSIAN-FARSI (IRANIAN)	A-232-5011, A-232-6011, K-431-5206	877Z, 914E, 09BV/09U2
9POL	POLISH	A-232-5027*	890K*, 987M*
9POR	PORTUGUESE		
9PRS	PERSIAN-DARI (AFGHAN)	K-431-5216	10D4, 10D5
9PUS	PASHTO	K-431-5024	09C0, 09C1
9QAC	ARABIC-CLASSICAL		
9QAG	ARABIC-GULF		
9QAI	ARABIC-IRAQI	A-232-V52A	07KR
9QAJ	ARABIC-JORDANIAN		
9QAL	ARABIC-SYRIAN	A-232-1250, A-232-1280	07KP, 07KT
9QAM	ARABIC-MAGHREBI	A-232-1602	09VH
9QAV	ARABIC-Levantine		

NEC	LANGUAGE TITLE	CIN	CDP
9QAS	ARABIC-PENINSULA		
9QAY	ARABIC-YEMENI	A-232-V02B	09VN
9QBS	VISAYAN OR BISAYAN		
9QGN	GREEK (NEW TESTAMENT)		
9QHN	HINDUSTANI		
9QLB	ARABIC-LEBANESE		
9QLE	LATIN (ECCLESIASTIC)		
9QPB	PORTUGUESE-BRAZILIAN	A-232-5023	890F
9QPE	PORTUGUESE-EUROPEAN		
9QSA	SPANISH-AMERICAN		
9QSC	SPANISH-CREOLE		
9QSE	SPANISH-CASTILLIAN	K-431-5208	09C2, 09C3, 09U4
9QSO	SOTHO		
9QUE	QUECHUA		
9RON	ROMANIAN		
9RUS	RUSSIAN	A-232-5012, A-232-6012, A-232-1850, K-431-5211	878A, 914F, 06T5, 09C8
9SAI	SOUTH AMERICAN		
9SEH	SENA		
9SLK	SLOVAK		
9SLV	SLOVENIAN		
9SND	SINDHI		
9SOM	SOMALI	A-232-6030	737J
9SPA	SPANISH	A-232-0080, A-232-5013, A-232-6013	03BD, 878B, 914G
9SQI	ALBANIAN		
9SRN	TAKI-TAKI		
9SWA	SWAHILI	A-232-V15B, K-431-5214	09VG, 09ZW
9SWE	SWEDISH		
9TAM	TAMIL		
9TEL	TELUGU		
9TGK	TADJIK (TAJIK)		
9TGL	TAGALOG	A-232-5015	889D
9THA	THAI	A-232-5029	11B9
9TIR	TIGRINYA		
9TSG	MORO		
9TUR	TURKISH	A-232-5030	890M
9UIG	UIGHUR		
9UKR	UKRAINIAN	A-232-5074	2102
9URD	URDU	A-232-6031	993V
9UZB	UZBEK		
9VIE	VIETNAMESE-HANOI		
9WOL	WOLOF		
9WUU	CHINESE-WU		
9YOR	YORUBA		
9YUE	CHINESE-CANTONESE		
9ZHO	CHINESE		

NOTES:
1. Courses, CINs and CDPs:

a. Courses without CIN or CDP listed are not currently available. Courses can be developed if a requirement exists. Contact OPNAV (N13F) for further guidance.

b. CINs and CDPs marked with an asterisk "*" are deactivated per CANTRAC.

c. CINs and CDPs marked with a double asterisk "**" are Naval Special Warfare initial acquisition training courses.

2. NEC Code Awarding Criteria:

a. May be awarded for foreign language proficiency as measured by an approved Department of Defense (DoD) language proficiency test at the 1+ level in reading and the 1+ level for listening on the Interagency Language Roundtable (ILR) scale. May also be awarded for speaking proficiency at the 1+ level as measured by a DoD approved Oral Proficiency Interview (OPI) if no DoD proficiency test is available for the specific language.

b. Personnel awarded language NEC codes must recertify language proficiency annually, and report results to NETPDC.

c. For languages that do not have a course or a DoD approved test or OPI, the NEC code may be awarded upon approval from OPNAV (N13F).

9ACH-9ZUN - Language Capability (Personnel Only)
Identifies a foreign language in which an individual is proficient.

Source Rating: All	Billet Paygrades:	Personnel Paygrades: E1-E9
Course:	CIN:	CDP:
Sequence Code: 6	ESTB Date: 12/6/10 REV Date: 3/8/17	NR Ind: A
Component NEC:	Related NEC:	Legacy NEC Code:
Primary Advisor: OPNAV (N13F)	Technical Advisor: NAVIFOR (N17)	ECM: BUPERS-32

* See Note 2 for specific requirements to be awarded an NEC code in this series.

NEC	LANGUAGE	CIN	CDP
9ACH	ACHOLI		
9ADY	ADIGEY		
9AII	ASSYRIAN		
9AKA	AKAN		
9ALE	ALEUT		
9ALN	ALBANIAN-GHEG		
9ALS	ALBANIAN-TOSK		
9APA	APACHE		
9ASM	ASSAMESE		
9AVA	AVAR		
9AVE	AVESTAN		
9AYM	AYMARA		
9AZB	AZERBAIJANI, SOUTH		
9AZJ	AZERBAIJANI, NORTH		
9BAI	BAMILIKE		
9BAK	BASHKIR		
9BAR	GERMAN-BAVARIAN		
9BAS	BASSA (CAMAROONS)		
9BDQ	BAHNAR		
9BEJ	BEJA		
9BEL	BELORUSSIAN		
9BEM	BEMBA		
9BER	BERBER		
9BHB	BHILI		

NEC	LANGUAGE TITLE	CIN	CDP
9BIH	BIHARI		
9BIK	BICOL		
9BIN	BINI		
9BLA	BLACKFOOT		
9BOD	TIBETAN		
9BRE	BRETON		
9BRH	BRAHUI		
9BRI	BAKWERI		
9BSK	BURUSHASKI		
9BSQ	BASSA-KRU		
9BTB	BETI		
9BTK	BATAK		
9CAT	CATALAN		
9CEB	CEBUANO		
9CES	CZECH		
9CGG	CHIGA		
9CHA	GUAMANIAN		
9CHK	TRUKESE		
9CHO	CHOCTAW		
9CHR	CHEROKEE		
9CHU	OLD SLAVONIC		
9CHV	CHUVASH		
9CJK	CHOKWE		
9CKT	CHUKCHI		
9CLD	CHALDEAN		
9COP	COPTIC		
9COR	CORNISH		
9CPF	FRENCH CREOLE		
9CRE	CREE		
9CSB	KASHUBIAN		
9CYM	WELSH		
9CZH	CHINESE-ANHWEI		
9DAK	DAKOTA		
9DCR	DUTCH-CREOLE		
9DIN	DINKA		
9DIQ	DIMLI		
9DIV	DIVEHI		
9DOI	DOGRI-KANGRI		
9DUA	DUALA		
9DYU	MANDINGO-DIOULA		
9DZO	DZONGKHA		
9EFI	EFIK		
9EUS	BASQUE		
9EVN	TUNGUSU		
9EWE	EWE		
9EWO	EWONDO		
9FAO	FAROESE		

NEC	LANGUAGE TITLE	CIN	CDP
9FIJ	FIJIAN		
9FNG	FANA		
9FON	FON		
9FRC	CAJUN		
9FRO	OLD FRENCH		
9FRY	FRISIAN		
9FUD	FUTNIAN		
9FUF	FUUTA JALON		
9GAA	GA		
9GIL	KIRIBATI		
9GLA	SCOTCH-GAELIC		
9GLE	GAELIC		
9GLG	GALICIAN		
9GLK	GILAKI		
9GLV	MANX		
9GOG	GOGO		
9GOH	OLD HIGH GERMAN		
9GON	GONDI		
9GOT	GOTHIC		
9GRC	GREEK-ANCIENT		
9GUZ	GUSII		
9HAK	CHINESE-HAKKA		
9HAW	HAWAIIAN		
9HAY	HAYA		
9HBO	HEBREW-ANCIENT		
9HDY	HADIYYA		
9HER	HERERO		
9HMN	HMONG		
9HMO	PAPUAN		
9HOC	HO		
9HOP	HOPI		
9HSN	CHINESE-HSIANG		
9HUN	HUNGARIAN		
9HWC	HAWAIIAN CREOLE		
9IBA	IBAN		
9IBG	IBANAG		
9IJO	IJAW		
9ILB	ILA-TONGA		
9ILO	ILOCANO		
9ISL	ICELANDIC		
9JAM	ENGLISH CARIBBEAN CREOLE		
9JBN	ZERBA		
9JRA	JARAI		
9KAB	KABYLE		
9KAC	KACHIN		
9KAM	KAMBA		
9KAR	KAREN		

NEC	LANGUAGE TITLE	CIN	CDP
9KAS	KASHMIRI		
9KAU	KANURI		
9KBP	KABRE		
9KIK	KIKUYU		
9KIN	KINYARWANDA		
9KIR	KIRGHIZ		
9KMB	KIMBUNDU		
9KMR	KURMANJE		
9KOK	KONKANIS		
9KON	KIKONGO		
9KOS	KUSAIE		
9KPE	KPELLE		
9KPG	KAPINGAMARANGI		
9KPO	AKPOSSO		
9KRC	KARACHAI-BALKHAR		
9KRI	KRIO		
9KRU	KURUKH		
9KTB	KAMBATTA		
9KTU	KITUBA		
9LAD	LADINO		
9LAH	LAHNDA		
9LAM	LAMBA		
9LAT	LATIN		
9LCF	LUBU		
9LDD	LURI		
9LHU	LAHU		
9LIS	LISU		
9LJP	LAMPUNG		
9LKT	LAKOTA		
9LNS	KUMBO/LAMNSO		
9LOL	LOMONGO		
9LOM	LOMA		
9LUA	LUBA KASAI		
9LUB	LUBA KATANGA		
9LUE	LUVALE		
9LUG	LUGANDA		
9LUN	LUNDA		
9LUO	LUO		
9LUY	LUYIA		
9MAH	MARSHALESE		
9MAK	MAKASSAR		
9MAS	MASAI		
9MEN	MENDE		
9MER	MERU		
9MFA	MALAY PATTANI		
9MIN	MINANGKABAU		
9MIQ	MISKITO		

NEC	LANGUAGE TITLE	CIN	CDP
9MLG	MALAGASY		
9MLQ	MANDINGO-MALINKE		
9MLT	MALTESE		
9MNI	MEITHEI		
9MNP	CHINESE-FUCHOW		
9MON	MONGOLIAN		
9MOS	MOSSI		
9MRI	MAORI		
9MRL	MORTLOCKESE		
9MRW	MARANAO		
9MSI	PIZAR MALAY		
9MTQ	MUONG		
9MUS	MUSKOGEE		
9MWR	RAJASTHANI		
9MYE	MPONGWE		
9MYG	AMASHI		
9MYN	MAYA		
9MZN	MAZANDERANI		
9NAP	ITALIAN-NEAPOLITAN		
9NAU	NAURUAN		
9NAV	NAVAJO		
9NDE	NDEBELE		
9NGL	LOMWE		
9NIU	NIUE		
9NNO	LANDSMAL		
9NOD	LANNA		
9NON	OLD NORSE		
9NUB	NUBIAN		
9NUP	NUPE		
9NUT	NUNG		
9NYA	NYANJA		
9NYN	NYANKOLE		
9NYO	NYORO		
9OJI	OGIBWA		
9OOD	PAPAGO-PIMA		
9ORM	GALLA		
9PAG	PANGASINAN		
9PAM	PAMPANGAN		
9PAU	PALAUAN		
9PDC	PENNSYLVANIA DUTCH		
9PLI	PALI		
9PON	PONAPEAN		
9PRV	PROVENCAL		
9PUW	PULAP		
9QBA	BAULE		
9QBG	BUGINESE-MAKASSARESE		
9QCB	SPANISH-CARIBBEAN		

NEC	LANGUAGE TITLE	CIN	CDP
9QCS	CHINESE-SWATOW		
9QDK	KADAZAN-DUSUN		
9QDS	DJERMA-SONGHAI		
9QES	ESKIMO		
9QFB	FANG		
9QFO	FORMOSAN		
9QGD	GREEK DEMOTIC		
9QGK	GREEK KATHAREVOUSA		
9QKE	KERES		
9QKS	KISSI		
9QLO	LOLO		
9QMI	YAO (CHINA)		
9QMN	CHINESE-FUKIENESE		
9QMR	MORDVIN		
9QNC	VIETNAMESE-CENTRAL		
9QNG	NGBANI		
9QNS	VIETNAMESE-SAIGON		
9QPA	PAHARI		
9QRY	RYUKYUAN		
9QSB	KHERWARI		
9QSM	SAMA		
9QSN	SUKUMA-NYAMWEZI		
9QTH	TAPACHULA		
9QTO	CHINESE-TOISHAN		
9RAD	RHADE		
9RAR	ROROTONGAN		
9REJ	REJANG		
9RIF	TARIFT		
9ROH	RHAETO-ROMANCE		
9ROM	ROMANY		
9RUN	RUNDI/KIRUNDI		
9SAG	SANGO		
9SAH	YAKUT		
9SAN	SANSKRIT		
9SAS	SASAK		
9SAT	SANTALI		
9SCN	ITALIAN-SICILIAN		
9SDH	SORANI		
9SED	SEDANG		
9SHI	SHLUH		
9SHN	SHAN		
9SID	SIDAMO		
9SIN	SINGHALESE		
9SMI	LAPP		
9SMO	SAMOAN		
9SNA	SHONA		
9SNK	SONINKE		

NEC	LANGUAGE TITLE	CIN	CDP
9SOP	SONGE		
9SOU	PAKTAI		
9SRB	SARA		
9SRD	ITALIAN-SARDINIAN		
9SRR	SERER		
9SSW	SWATI		
9SUN	SUNDANESE		
9SUS	SUSU		
9SUX	SUMERIAN		
9SWB	COMORIAN		
9SYC	SYRIAC		
9SYL	SYLHETTI		
9SYR	ARAMAIC		
9TAH	TAHITIAN		
9TAT	TATAR		
9TCY	TULU		
9TEM	TEMNE		
9TET	TETUM		
9TIG	TIGRE		
9TIV	TIV		
9TKL	TOKELAUAN		
9TLL	OTETELA		
9TMH	TAMACHEK		
9TOI	TONGA-TOI		
9TOU	THO		
9TPI	PIDGIN ENGLISH		
9TSC	TSWA		
9TSN	TSWANA		
9TSO	TSONGA		
9TUK	TURKOMAN		
9TUM	TUMBUKA		
9TUP	TUPI		
9TVL	TUVULAN		
9TZM	TAMAZIGHT		
9ULI	ULITHI		
9UMB	UMBUNDU OR MBUNDU		
9VAI	VAI		
9VMW	MAKUA		
9VOL	VOLAPUK		
9WAL	WALAMO		
9WAR	WARAY-WARAY		
9WBM	WA		
9WEN	WENDISH		
9WES	WESCOS		
9WLS	WALLISIAN		
9WOE	WOLEAI		
9XHO	XHOSA		

NEC	LANGUAGE TITLE	CIN	CDP
9XOG	SOGA		
9YAO	YAO (MALAWI & MOZAMBIQUE)		
9YAP	YAPPESE		
9YID	YIDDISH		
9YKA	YAKAN		
9ZAP	ZAPOTECO		
9ZEN	ZENAGA		
9ZHA	T-UNG		
9ZNE	ZANDE		
9ZUL	ZULU		
9ZUN	ZUNI		

NOTES:

1. Courses, CINs and CDPs:

a. Courses without CIN or CDP listed are not currently available. Courses can be developed if a requirement exists. Contact OPNAV (N13F) for further guidance.

2. NEC Code Award Criteria:

a. May be awarded for foreign language proficiency as measured by an approved Department of Defense (DoD) language proficiency test at the 1+ level in reading and the 1+ level for listening on the Interagency Language Roundtable (ILR) scale. May also be awarded for speaking proficiency at the 1+ level as measured by a DoD approved Oral Proficiency Interview (OPI) if no DoD proficiency test is available for the specific language.

b. Personnel awarded language NEC codes must recertify language proficiency annually, and report results to 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).