

## MILPERSMAN 1510-030

### ADVANCED ELECTRONICS FIELD, ADVANCED TECHNICAL FIELD, AND NUCLEAR FIELD PROGRAMS

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<b>References</b>	(a) OPNAVINST 1160.6C (b) COMNAVCRUITCOMINST 1130.8K (c) NAVMED P-117, Manual of the Medical Department (MANMED) (d) NAVPERS 18068F, Navy Enlisted Manpower and Personnel Classifications and Occupational Standards, Volume 1, Navy Enlisted Occupational Standards (e) OPNAVINST 6110.1K (f) OPNAVINST 5350.4E (g) SECNAVINST 5510.35D (h) BUPERSINST 1430.16G (i) SECNAVINST 5510.30C
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1. **Purpose.** The Advanced Electronics Field (AEF), Advanced Technical Field (ATF), and Nuclear Field (NF) Programs provide incentives for enlistment or reenlistment of enlisted personnel in the Navy and Navy Reserve. The programs are designed to provide technical or nuclear-trained personnel for naval service.

2. **Enrollment**

a. Personnel may only request enrollment into the AEF or ATF as an enlistment program or while at Navy Recruit Training Command or naval training activities. This requirement does not bar fleet Sailors from requesting and being enrolled in "A" school for any rating in the AEF or ATF Program. Fleet Sailors can request enrollment into the programs while stationed at the training activity. Sailors approved for conversion to a rating

which is only AEF or ATF will be automatically enrolled in the respective program and must incur sufficient obligated service (OBLISERV). For Sailors approved for conversion to a rating having both 4 year obligation (YO) and 6-YO options, training activities must request enrollment by [NAVPERS 1306/7](#) Electronic Personnel Action Request to Bureau of Naval Personnel (BUPERS) Enlisted Community Management Division (BUPERS-32) for Active Component or Reserve Community Management Division (BUPERS-35) for Selected Reserve (SELRES) and Training and Administration of the Reserve (TAR). For personnel requesting enrollment into the NF Program refer to [MILPERSMAN 1306-500](#), [1306-502](#), [1306-504](#), and reference (a).

b. Entrance into these programs provide initial "A" school training and accelerated advancement:

To pay grade...	for personnel enrolled in...
E-2	AEF or ATF upon graduation of recruit training.
E-3	NF upon date of entry on active duty.

### 3. Program Ratings

a. The ratings in the AEF and ATF Programs are determined by BUPERS-32. Ratings for the NF Program are determined by the Office of the Chief of Naval Operations Nuclear Propulsion Program Manager (OPNAV N133) and updated, per reference (b), as changes occur. Ratings in the programs include:

<b>AEF</b>
• Advanced Electronic Computer Field (AECF), Electronics Technician (ET), Fire Controlman (FC), and Fire Controlman Aegis (FCA))
• Cryptologic Technician (Maintenance) (CTM)
• Cryptologic Technician (Technical) (CTT)
• Missile Technician (MT)
• Sonar Technician (Surface) (STG)
<b>ATF</b>
• Naval Aircrewman (Mechanical) (AWF)
• Naval Aircrewman (Tactical Helicopter) (AWR)
• Naval Aircrewman (Helicopter) (AWS)
• Naval Aircrewman (Operator) (AWO)
• Naval Aircrewman (Avionics) (AWV)

• Cryptologic Technician (Interpretive) (CTI)
• Cryptologic Technician (Networks) (CTN)
• Explosive Ordnance Disposal (EOD)
• Interior Communications Electrician (IC)
• Intelligence Specialist (IS)
• Information Systems Technician (IT) and Information Systems Technician Submarine (ITS)
• Navy Diver (ND)
• Special Warfare Boat Operator (SB)
• Special Warfare Operator (SO)
• Search and Rescue Medical Technician (HM L00A)
• Fleet Marine Force Reconnaissance Independent Duty Corpsman (HM L02A)
• Medical Deep Sea Diving Technician (HM L27A)
<b>NF</b>
• Electricians Mate, Nuclear power (EMN)
• Electronics Technician, Nuclear Power (ETN)
• Machinist Mate, Nuclear Power (MMN)

b. An individual must volunteer and be qualified for duty in submarines for entry into the MT or ITS rating. The NF Program also provides opportunities for duty in submarines.

c. All individuals entering the CTM, CTI, and CTT ratings must be volunteers for both aircrew and submarine duty.

d. All naval aircrewman (AW) ratings must meet and comply with the requirements of [MILPERSMAN 1220-010](#).

e. All special warfare operators must meet and comply with the requirements in [MILPERSMAN 1220-300](#).

f. All special warfare boat operators must meet and comply with the requirements in [MILPERSMAN 1220-400](#).

4. **Types of Training**. Training is generally categorized in two phases:

a. **"A" School - Initial Skill Training**

(1) Any appropriate preliminary or prerequisite training or the respective class "A" school.

(2) AEF and ATF personnel who volunteer and are selected for permanent duty in submarines will attend Naval Submarine School.

(3) "A" school curricula is basic to the rating and not considered specialized except for language training for CTI. All graduates of language training are awarded the Navy enlisted classification (NEC) for that particular language so they can be tracked in the Navy personnel system.

(4) Successful completion of Hospital Corpsman (HM) "A" School is a pre-requisite to attend HM L00A, L02A, and L27A.

**b. "C" School - Advanced Training**

(1) Consists of at least one "C" school or as annotated below:

(a) Advanced training for NF ratings consists of Nuclear Power School and training at a nuclear power training unit.

(b) Advanced training for CTI consists of the Apprentice Cryptologic Language Program before beginning initial tour. Graduates of this phase of training are awarded NEC C30A-C33A depending on language apprentice cryptologic linguist.

(c) CTN "A" School, Joint Cyber Analysis Course (JCAC), is an advanced technical 24-week NEC producing "A" school.

(d) Advanced training for AW consists of graduation from a fleet replacement squadron. AW personnel who do not require a fleet replacement squadron do not have an advanced training requirement.

(e) Advanced training for EOD, ND, SB, and SO is included in "A" school pipeline.

(f) Advanced training for MT consists of NEC T33A Trident II SWS MK 98 MOD 6.

(g) Advanced training for IS may be upon graduation of "A" school or after completion of first tour enroute to next command depending on defined career path or awarded NEC.

(h) Advanced training for HM L00A requires successful completion of HM "A" School. Upon completion of the L00A "C" School pipeline the member will be awarded the L00A NEC.

(i) Advanced training for HM L02A requires successful completion of HM "A" School and L03A (Field Medical Service Technician) "C" School. Upon successful completion of L03A "C" School, each member will be awarded the NEC before entering the L02A training pipeline. Upon completion of L02A "C" School training pipeline, the member will be awarded the L02A NEC.

(j) Advanced training for HM L27A requires successful completion of HM "A" School. Upon completion of L27A "C" School training the member will be awarded the L27A NEC.

(2) Temporary assignments to general duty for approximately 24 months (usually aboard ship) may be required to await assignment to advanced training.

(3) The specific path of advanced training is determined by needs of the Navy for CTT, ET, FC, FCA, IC, IS, IT, and STG ratings.

## 5. Eligibility Criteria

a. The following are minimum eligibility requirements:

- (1) Must be a U.S. citizen,
- (2) Must successfully complete "A" school training,
- (3) Must meet minimum Armed Services Vocational Aptitude Battery Test scores as delineated per [MILPERSMAN 1306-618](#), and
- (4) Must be a high school graduate (General Education Development (GED)) acceptable.

b. Physical Requirements

- (1) Must meet vision and hearing requirements as applicable to the rating per [MILPERSMAN 1306-618](#), and references (c) and (d);

(2) Applicants for submarines and NF duty must meet physical requirements per reference (c);

(3) Must meet physical readiness test and body fat requirements per reference (e);

(4) Applicants for the Aircrew (AIRC), Aviation Rescue Swimmer (AIRR), and Search and Rescue Medical Technician (SRMT) Programs must meet the physical requirements per the Navy Aeromedical Reference and Waiver Guide; and

(5) Applicants for special warfare operator, special warfare boat operator, ND, and EOD operators must meet physical requirements per [MILPERSMAN 1220-410](#).

c. Personnel with more than 10 years prior service in any branch of the Military Services are not eligible for these programs but may be eligible to submit conversion packages for these ratings per [MILPERSMAN 1440-010](#).

d. Must be of sound moral character:

(1) Applicants who have a history of disciplinary infractions either in the military or civilian community are ineligible for entry. Navy Personnel Command (NAVPERSCOM) Lead Professional Apprenticeship Career Track (PACT) and "A" School Assignment Detailer (PERS-4010S) or NAVPERSCOM Submarine Nuclear Qualifications Coordinator (PERS-403F) for submarine duty may grant waivers for minor infractions. OPNAV Nuclear Enlisted Quality Control Manager (N133D2) may grant NF waivers for minor infractions.

(2) In an effort to protect the applicant from possible disenrollment as a result of subsequent screening, all questionable or borderline cases will be referred to BUPERS-32 for a determination of eligibility or PERS-403F for submarine duty and OPNAV N133D2 for NF eligibility.

(3) A waiver for pre-service drug use or abuse may be granted. The waiver request will be submitted to BUPERS-32. Waivers for submarine duty will be submitted to PERS-403F and waivers for NF duty will be submitted to OPNAV N133D2 only under the following circumstances:

(a) Evidence of honesty and complete rejection of further drug use and abuse;

(b) Request must include a signed drug rejection statement; and

(c) Policy and waiver procedures for drug abuse as contained, per reference (f), will be strictly adhered.

#### 6. Security Clearances

a. The following ratings require eligibility for a security clearance:

AW	CTI	CTN	CTT
EOD	ET	STG	ND
FC	SO	IC	IS
IT and ITS	MT	NF (ETN, EMN, MMN)	SB
HM	CTM	FCA	

b. Personnel selected for training in occupational fields who are normally assigned to billets in the Personnel Reliability Program must meet requirements per reference (g).

#### 7. Obligated Service (OBLISERV)

a. Assignment in AEF, ATF, or NF Program requires a 6-year active service obligation. This obligation is computed from the time of entry onto active duty on current enlistment. For Navy veterans or other service veterans, the 6 years will be counted from the date of reentry into the Navy and may be accomplished by extension or reenlistment.

b. Applicants must have an initial 4-year active service obligation and concurrently execute two 12-month agreements to extend on active duty. The extension of active OBLISERV is to ensure personnel will have sufficient OBLISERV remaining for payback for advanced training received.

c. Active duty Navy Reserve personnel who are in the TAR Program are not required to be discharged and reenlisted in the Regular Navy but must execute an agreement to extend their active service as TAR for a total 6-year active service obligation. Personnel requesting submarine and or NF duty must be in the Regular Navy.

d. In the case of personnel who apply for these programs while in recruit training, the extension for OBLISERV will be executed at the time of notification of acceptance.

e. Extension Reasons:

(1) Twelve-month extension of enlistment on [NAVPERS 1070/621](#) Agreement to Extend Enlistment or [NAVPERS 1070/622](#) Agreement to Recall or Extend Active Duty is executed with the following narrative reason:

"Training in the Advanced Electronics Field (AEF), Advanced Technical Field (ATF), or Nuclear Field (NF) Program. MILPERSMAN 1510-030, 1220-010, 1306-500, 1306-502, and 1306-504 are governing directives. I understand that this extension of active service becomes binding upon execution and thereafter may not be cancelled, except as set forth in MILPERSMAN 1160-040 and 1510-030."

(2) Twelve-month extension of enlistment on [NAVPERS 1070/621](#) or [NAVPERS 1070/622](#) is executed with the following narrative reason:

"Advancement to rate and grade per [MILPERSMAN 1430-010](#). I understand this extension becomes binding upon advancement and may not be cancelled except as per [MILPERSMAN 1160-040](#)."

[NAVPERS 1070/621](#) and [NAVPERS 1070/622](#) may be accessed on the MyNavy HR Web site using the following Web address:  
<https://www.mynavyhr.navy.mil/References/Forms/NAVPERS/>

## 8. Unable to Complete Training

a. If a member is unable to complete the training pipeline, refer to [MILPERSMAN 1160-040](#) for extension policy cancellation or adjustment. The member will then be made available for reassignment to the rating detailer or NAVPERSCOM Shore Special Programs Branch (PERS-4010) (as appropriate).

b. If a member is unable to complete the required "A" or "C" school training, refer to [MILPERSMAN 1236-020](#) for rating disposition and subparagraph 9a below for extension cancellation.



c. Members who have completed Naval Submarine School and are recommended to retain the "SU" designator may be reclassified to another submarine source rating (if a vacancy exists) and assigned to submarine duty after completion of the new training.

9. **Advancement or Reduction in Rate and Extension Cancellation**

a. For those personnel reduced in rate and or disenrolled from the program, the following applies:

	<b>If advanced training...</b>	<b>and the member...</b>	<b>then...</b>
(1)	<b>was</b> received,	<b>was</b> advanced to E-4	the extensions of enlistment are <b>not</b> cancelled.
(2)	<b>was</b> received,	<b>has not</b> yet advanced to E-4 (i.e., reduced from E-3 to E-2 prior to time-in-rate (TIR) eligibility for E-4),	eligibility for advancement to E-4 <b>is terminated</b> and the extensions of enlistment <b>are not</b> canceled.
(3)	<b>was not</b> received, (has successfully completed "A" school),	<b>was</b> advanced to E-4,	12-month extension of enlistment for advancement to E-4 <b>remains valid</b> , 12-month extension of enlistment advanced training (AEF/ATF/NF) <b>is cancelled</b> , and new extension is required for the amount of training received IAW MILPERSMAN 1160-040 subpara 9f.
(4)	<b>was not</b> received (has successfully completed "A" school),	<b>was not</b> advanced to E-4,	eligibility for advancement to E-4 <b>is terminated</b> , both

			extensions <b>are cancelled</b> , and new extension is required for the amount of training received IAW MILPERSMAN 1160-040 subpara 9f.
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b. Personnel enrolled in these programs are authorized accelerated advancement to pay grade E-2 for AEF or ATF upon completion of recruit training or later acceptance into these programs, or to pay grade E-3 for NF upon date of entry to active duty. This is not to prevent enlistment at pay grade E-2 or E-3 for those individuals who qualify on the basis of other enlistment programs.

c. Personnel are authorized guaranteed advancement to E-4 after successfully completing "A" school or advanced training (when applicable) and serving 6 months time-in-grade as an E-3. The following must also be completed or obtained prior to advancement to E-4:

(1) All requirements completed for advancement in rate;

(2) Commanding officer's (CO) recommendation via [NAVPERS 1336/3](#) Special Request/Authorization. For NF personnel graduating NF "A" School, the CO's recommendation will be provided via a listing of Sailors eligible for advancement vice individual [NAVPERS 1336/3](#). [NAVPERS 1336/3](#) may be accessed by using the following Web address:  
<https://www.mynavyhr.navy.mil/References/Forms/NAVPERS/>.

**Note:** Sailors are advanced to E-4 after serving 6 months TIR and successful completion of the rating's required training. Participation in the Navy-wide examination is not required. Advancement to E-4 will be on the 16<sup>th</sup> of the month after 6 months of service as an E-3. TIR will be established per reference (h).

d. For personnel who fail to complete "A" school training, members will have their pay grades administratively reduced to the pay grades held when their active duty commenced:

(1) Depending on the member's TIR date on the date member was disenrolled, member may be eligible for normal advancement to pay grade E-2 or E-3.

(2) This is not to preclude enlistment at pay grade E-2 or E-3 for those individuals who qualified on the basis of other enlistment programs.

e. Benefits of these programs do not pertain if the member is dropped from training. Per [MILPERSMAN 1133-090](#), new accession training (NAT) Sailors are eligible for accelerated advancement to E-4 in the same manner as their Active Component counterparts.

#### 10. **Disenrollment**

a. Individuals who fail to remain qualified per paragraphs 5, 6, and 7 of this article will not be entitled to further training. In all cases the full narrative reason for disenrollment and the authorization will be recorded in the member's service record by an appropriate entry on [NAVPERS 1070/613](#) Administrative Remarks and acknowledged by the member. Except as indicated below, all disenrollments must be approved by PERS-4010S or OPNAV N133D2 for the NF Program. [NAVPERS 1070/613](#) may be accessed by using the following Web address: <https://www.mynavyhr.navy.mil/Portals/55/Reference/Forms/NAVPERS/>.

b. To facilitate prompt efficient processing and classification of personnel in recruit training, authority is granted to the Officer in Charge, Transaction Service Center, Great Lakes to disenroll personnel under the following circumstances:

(1) Failure to meet qualifying test scores, OBLISERV requirements, or requisite physical and mental standards:

(a) Personnel with a history of suicidal attempts or suicidal gestures are not qualified and should be disenrolled.

(b) Personnel with any other potentially disqualifying physical or mental condition should continue in processing and classification pending a determination of their eligibility for a waiver by the Bureau of Medicine and Surgery (BUMED) (for submarine or NF duty, submit waivers to PERS-403F via BUMED (BUMED-21)).

(2) Inability to qualify for a security clearance without extended observation of the member's performance or behavior per reference (i).

(3) Identified as a drug abuser per reference (f).

c. To prevent loss of productive manpower, authority is granted to COs of training activities to disenroll personnel under the following circumstances:

(1) Inability to qualify for a security clearance without extended observation of the member's performance or behavior per reference (i),

(2) Identification as a drug abuser per reference (f),

(3) Disciplinary infractions, or

(4) Academic failure:

(a) Personnel who graduate from "A" school training are not considered academic failures for purposes of dropping AEF or ATF.

(b) Markedly inferior performance or obvious lack of effort constitutes grounds for disenrollment.

#### 11. **Processing Disenrollees**

a. Accession Sailors who have not reached their first permanent duty station and fail to complete the training pipeline (including NF) may be reclassified if they meet the provisions of [MILPERSMAN 1236-020](#).

b. Individuals not assigned another school or not eligible for reclassification will be made available for general assignment.

c. Personnel who fail to complete "A" school training, will have their pay grades administratively reduced per subparagraph 9d above.

d. Assignment to another class "A" school is not guaranteed and is subject to needs of the Navy.

e. If disenrollment is for ineligibility present and documented at the time of application, PERS-4010S or NAVPERSCOM Enlisted Performance and Separations Branch (PERS-832) may authorize discharge from the naval service as an option.

f. Those who do not meet the basic eligibility criteria prescribed in this article and in [MILPERSMAN 1306-618](#) subsequent to enlistment or enrollment are subject to disenrollment even if they are not at fault.

g. In cases where adjudicated clearance investigation (completed upon entrance into the Navy) contains significant derogatory information which cannot be favorably resolved and it is apparent an affirmative determination of eligibility for a security clearance cannot be made without extended observation of performance or behavior, the member will be disenrolled. Disenrollment in this category will be limited to cases in which it is determined the member does not meet the security clearance requirements as indicated in reference (i). As a result PERS-832 may authorize discharge from the naval service based on needs of the Navy.

h. Extension of enlistment(s) is or are cancelled or adjusted as delineated per subparagraph 9a.

12. **Disenrollment Due to Not Meeting Physical Requirements for Submarines.** Submarine and NF volunteers who no longer meet the physical requirements for assignment to duty in connection with submarines or NF duty, per reference (c), articles 15-106 and 15-103, will be disenrolled from training. Those personnel found fit for duty, other than submarine or NF duty, will be reclassified and forced-converted by request to the Bureau of Naval Personnel, Active Enlisted Program Branch (BUPERS-328).

13. **Voluntary Disenrollment.** For ND, EOD, SO, SB, and AW ratings refer to the appropriate individual rating MILPERSMAN articles. All other personnel may not request voluntary disenrollment.