

MILPERSMAN 1510-030

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

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References	(a) OPNAVINST 1160.6C (b) COMNAVCRUITCOMINST 1130.8P (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) 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 should 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 may 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) per paragraph 7. For Sailors approved for conversion to a rating having both 4-year obligation and 6-year obligation options, training activities must request enrollment by [NAVPERS 1306/7](#) Electronic Personnel Action Request to Bureau of Naval Personnel (BUPERS) Enlisted Community Management Branch (BUPERS-312) for Active Component or Reserve Community Management Branch (BUPERS-315) for Selected Reserve and Training and Administration of the Reserve. Personnel requesting enrollment into the NF Program should 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 of	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-312. Ratings for the NF Program are determined by the Office of the Chief of Naval Operations (OPNAV) Nuclear Propulsion Program Manager (OPNAV N133) and updated, per reference (b), as changes occur. Ratings included in the programs are as follows:

AEF
• Advanced electronic computer field (AECF), electronics technician (ET), fire controlman (FC), and fire controlman aegis (FCA), robotics warfare specialist (RW)
• Cryptologic technician (maintenance) (CTM)
• Cryptologic technician (technical) (CTT)
• Missile technician (MT)
• Sonar technician (surface) (STG)
ATF
• 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)
• Cyber warfare technician (CWT)
• Explosive ordnance disposal (EOD)
• Interior communications electrician (IC)
• Intelligence specialist (IS)
• Information systems technician (IT)
• Information systems technician submarine (ITS) consisting of: information systems technician; electronic warfare (ITE); information systems technician, network (ITN); information systems technician, communications (ITR)
• 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)
• Biomedical equipment technician (HM L08A)
• Advanced x-ray technician (HM L17A)
• Mental health technician (HM L24A)
• Medical deep sea diving technician (HM L27A)
• Medical laboratory technician (HM L31A)
NF
• Electrician's mate, nuclear power (EMN)
• Electronics technician, nuclear power (ETN)
• Machinist's 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 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](#).

g. All EOD technicians must meet and comply with the requirements in [MILPERSMAN 1220-200](#).

h. All Navy divers must meet and comply with the requirements in [MILPERSMAN 1220-100](#).

i. All HM L00A, L02A, and L27A must meet and comply with the requirements in [MILPERSMAN 1306-983](#).

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. CTI "A" school consists of two parts, initial language training at the Defense Language Institute and follow-on Apprentice Cryptologic Language Analysis (ACLA) training. Both portions must be successfully completed before a Sailor may be rated as a CTI. All graduates of language training are awarded the Navy enlisted classification (NEC) for that particular language for tracking in the Navy personnel system. Upon graduation of ACLA, Sailors will be awarded the C30A-C33A NEC based upon language group and are eligible for promotion to the pay grade of E-4 at this point. Conversion Sailors with requisite Defense Language Proficiency Test scores may be waived from language training but must still successfully complete ACLA prior to being rated as a CTI.

(4) Successful completion of Hospital Corpsman (HM) "A" School is a pre-requisite to attend HM L00A, L02A, L08A, L17A, L24A, L27A, and L31A.

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 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.

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

(d) Advanced training for MT consists of NEC T48A Trident II MT Apprentice.

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

(f) 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.

(g) 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 L03A NEC before entering the L02A training pipeline. Upon completion of L02A "C" School training pipeline, the member will be awarded the L02A NEC.

(h) Advanced training for HM L08A requires successful completion of HM "A" School. Upon completion of the L08A "C" School pipeline, the member will be awarded the L08A NEC.

(i) Advanced training for HM L17A requires successful completion of HM "A" School. Upon completion of the L17A "C" School pipeline, the member will be awarded the L17A NEC.

(j) Advanced training for HM L24A requires successful completion of HM "A" School. Upon completion of the L24A "C" School pipeline, the member will be awarded the L24A NEC.

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

(l) Advanced training for HM L31A requires successful completion of HM "A" School. Upon completion of the L31A "C" School pipeline, the member will be awarded the L31A NEC.

(m) Advanced training for CTM may occur immediately following CTM "A" School or after initial shore duty assignment. Members must receive advanced training inside their initial accession contract (Sailor's first 72 months of service).

(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 the needs of the Navy for each rating.

5. Eligibility Criteria

a. The minimum eligibility requirements are as follows:

(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 acceptable).

b. Physical requirements

(1) Must meet physical 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, Aviation Rescue Swimmer, and Search and Rescue Medical Technician 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. BUPERS-312 Professional Apprenticeship Career Track (PACT) Program Manager or Navy Personnel Command (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-312 or BUPERS-315 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 misuse may be granted. The waiver request will be submitted to BUPERS-312. 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 misuse;

(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 to.

6. **Security Clearances**

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

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

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 the 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 execute a 24-month agreement 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. 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.

d. Sailors converting via lateral or force conversion execute OBLISERV per applicable MILPERSMAN. Extension reasons include the following:

(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](#), [1220-100](#), [1220-200](#), [1220-300](#), [1220-400](#), [1306-500](#), [1306-502](#), [1306-504](#), and [1306-983](#) 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](#)."

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

8. Unable to Complete Training

a. If a fleet conversion 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 BUPERS-312 PACT Program Manager (as appropriate).

b. If a new accession 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. HM ATF L00A, L02A, and L27A candidates will keep the HM rating and any earned NECs up to the furthest course completed beyond HM "A" School.

d. 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.

e. Members disenrolled from EOD "A" School but awarded EOD Mobile Unit Apprentice NEC, M00A, and rated EODSN in the pay grade of E-3 are eligible for automatic advancement to the pay grade of E-4.

(1) These members will return to complete EOD "A" School approximately 12 months after reporting to an EOD mobile unit and will be eligible for EOD2, the pay grade of E-5, only after being awarded the basic EOD technician NEC, M02A.

(2) EOD enlisted bonus source rating: Members awarded M00A remain eligible for the enlisted bonus source rating (as applicable) if they complete EOD "A" School and are awarded M02A within their first enlistment.

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:

	If advanced training	and the member	then...
(1)	was received,	was advanced to the pay grade of E-4	the extensions of enlistment are not cancelled.
(2)	was received,	has not yet advanced to the pay grade of E-4 (i.e., reduced from the pay grade of E-3 to E-2 prior to time-in-grade (TIG) eligibility	eligibility for advancement to the pay grade of E-4 is terminated and the extensions of enlistment are not cancelled.

		for the pay grade of E-4),	
(3)	was not received, (has successfully completed "A" school),	was advanced to the pay grade of E-4,	12-month extension of enlistment for advancement to the pay grade of E-4 remains valid , 12-month extension of enlistment advanced training AEF, ATF, NF is cancelled , and new extension is required for the amount of training received per MILPERSMAN 1160-040 subparagraph 9f.
(4)	was not received (has successfully completed "A" school),	was not advanced to the pay grade of E-4,	eligibility for advancement to the pay grade of E-4 is terminated , both extensions are cancelled , and new extension is required for the amount of training received per MILPERSMAN 1160-040 subparagraph 9f.

b. Personnel enrolled in these programs are authorized accelerated advancement to the pay grade of E-2 for AEF or ATF upon completion of recruit training or later acceptance into these programs, or to the pay grade of E-3 for NF upon date of entry on 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 enrolled in AEF or ATF are authorized accelerated advancement to the pay grade of E-3 after serving 9 months time-in-grade in the pay grade of E-2.

d. Personnel are authorized guaranteed advancement to the pay grade of E-4 after successfully completing "A" school or advanced training (when applicable) and serving 6 months time-in-grade in the pay grade of E-3. The following must also be completed or obtained prior to advancement to the pay grade of 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 at <https://www.mynavyhr.navy.mil/References/Forms/NAVPERS/>.

Note: Sailors are advanced to the pay grade of E-4 after serving 6 months TIG in the pay grade of E-3, successful completion of the rating's required training, and attainment of required OBLISERV. Effective date of advancement will be the date all requirements are met.

e. Personnel who fail to complete "A" school training will have their pay grades administratively reduced to the pay grades held when their active duty commenced:

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

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

f. Benefits of these programs do not pertain if the member is dropped from training. Per [MILPERSMAN 1133-090](#), new accession training Sailors are eligible for accelerated advancement to the pay grade of 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 permanent record by an appropriate entry on [NAVPERS 1070/613](#) and acknowledged by the member. Except as indicated below, all disenrollments must be approved by BUPERS-312 or OPNAV N133D2 for the NF Program. [NAVPERS 1070/613](#) may be accessed by using the following Web address at <https://www.mynavyhr.navy.mil/References/Forms/NAVPERS/> and submitted per the following:

(1) The remarks will be signed as a "permanent" entry and submitted to the servicing transaction service center (TSC) or personnel office for entry into the Navy Standard Integrated Personnel System (NSIPS), electronic service record (ESR), and the servicing TSC or personnel office will electronically submit (E-Submission) the document to the official military personnel file.

(2) The authority block on [NAVPERS 1070/613](#) must cite this article (MILPERSMAN 1510-030) that directs the entry and that it is filed to the member's permanent record.

b. To facilitate prompt efficient processing and classification of personnel in recruit training, authority is granted to the Officer in Charge, TSC 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 Joint Program Research Policy Oversight Division (BUMED-N21)).

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

(3) Identified as a misuser of a drug or other substance 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 (h),

(2) Identification as a misuser of a drug or other substance 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 to 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 member is subject to needs of the Navy.

e. If disenrollment is for ineligibility present and documented at the time of application, 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 will not 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 (h). 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 BUPERS Active Enlisted Program Branch (BUPERS-312-CMS).

13. **Voluntary Disenrollment**. For ND, EOD, SO, SB, AW, and HM (L00A, L02A, L08A, L17A, L24A, L27A, and L31A) ratings refer to the appropriate individual rating MILPERSMAN articles. All other personnel may not request voluntary disenrollment.