

MILPERSMAN 1510-030

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

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References	(a) OPNAVINST 1160.6B (b) COMNAVCRUITCOMINST 1130.8J (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 6110.1J (f) OPNAVINST 5350.4D (g) SECNAVINST 5510.35B (h) BUPERSINST 1430.16F, Advancement Manual for Enlisted Personnel of the U.S. Navy and U.S. Navy Reserve (i) SECNAVINST 5510.30B
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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. The programs are designed to provide technical or nuclear-trained personnel for naval service.

2. **Enrollment**

a. Personnel may only request enrollment into 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 program while stationed at the training activity. Training activities will nominate personnel by naval message to Bureau of Naval Personnel (BUPERS), Enlisted Community Management (BUPERS-32) for USN, USNR, and USNR (Full

Time Support (FTS)). 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 enlistment.

c. Sailors who begin AEF, ATF, or nuclear power training; attrite from the program; and are reclassified or force converted into either an AEF or ATF program are not eligible for any payment of enlistment bonus for their new rating. However, they are eligible for accelerated advancement to E-2 along with their other AEF and ATF counterparts effective on the date of reclassification into the program.

3. Program Ratings

a. The ratings in the AEF and ATF Programs are determined by BUPERS-32. Ratings for NF are determined by Navy Personnel Command (NAVPERSCOM), Sub Nuclear Qualifications Coordinator (PERS-403F) and are updated, per reference (b), as changes occur. Ratings in the program include:

AEF
• Advanced electronic computer field (AECF) (electronics technician (ET) and fire controlman (FC))
• 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)
• 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)
NF
• 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 CTI and CTT ratings must be a volunteer for both aircrew and submarine duty.

d. All aviation warfare specialist (AW) personnel must be qualified and volunteer for duty involving flight. In addition to the requirements in this article, all AW personnel must meet and comply with the requirements of MILPERSMAN 1220-010.

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 submarine school.

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

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 cryptologic center 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's consists of graduation from a fleet replacement squadron (FRS). AW personnel that do not require a FRS 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's consists of NEC T33A Trident II SWS MK 98 MOD 6.

(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 Navy for CTT, ET, FC, IC, IS, IT and STG ratings.

5. Eligibility Criteria

a. The following are minimum eligibility criteria:

(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 set forth per MILPERSMAN 1306-618, reference (c), and (d);

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

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

(4) Applicants for the Aircrew (AIRR) and Aviation Rescue Swimmer (AIRC) Programs must meet the physical requirements per Navy Aeromedical Reference and Waiver Guide.

c. Personnel with more than 10 years prior service in any branch of the Armed 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. NAVPERSCOM, Lead Professional Apprenticeship Career Track (PACT) Detailer and "A" School Assignment (PERS-4010S) or NAVPERSCOM, Sub Nuclear Qualifications Coordinator (PERS-403F) for submarine duty may grant waivers for minor infractions. Office of the Chief of Naval Personnel (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 NAVPERSCOM (PERS-403F) for submarine duty, and OPNAV (N133D2) for nuclear field 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 NAVPERSCOM (PERS-403F) and waivers for nuclear field 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 to.

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 (ET, EM, MM)	SB

b. Personnel selected for training in occupational fields that 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 requires a 6-year active service obligation. This obligation is computed from 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 FTS Program are not required to be discharged and reenlisted in the Regular Navy, but must execute an agreement to extend their active service as FTS for a total 6-year active service obligation. Personnel requesting submarine and or nuclear field duty must be 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). 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 Navy Personnel Command Web site using the following Web address:
<http://www.public.navy.mil/bupers-npc/reference/forms/NAVPERS/Pages/default.aspx>

8. **Unable to Complete Training**

a. If a member is unable to complete the training pipeline, refer to MILPERSMAN 1160-040 for extension cancellation or adjustment. The member will then be made available for reassignment to the rating detailer or NAVPERSCOM (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 paragraph 9a for extension cancellation.

c. Members who have completed 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:

	If advanced training...	and the member...	then...
(1)	was received,	was advanced to E-4	the extensions of enlistment are not cancelled.
(2)	was received,	has not 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 is terminated and the extensions of enlistment are not canceled.
(3)	was not received, (has successfully completed "A" school),	was advanced to E-4,	12-month extension of enlistment for ATF, AEF, and NF is cancelled and 12-month extension of enlistment for accelerated advancement remains valid.
(4)	was not received (has successfully completed "A" school),	was not advanced to E-4,	eligibility for advancement to E-4 is terminated and both extensions are cancelled.

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 grades

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) after serving 6 months TIR 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 recommendation via NAVPERS 1336/3 Special Request/Authorization. For NF personnel graduating NF "A" School, the commanding officer's recommendation will be provided via a listing of Sailors eligible for advancement vice individual NAVPERS 1336/3 requests. NAVPERS 1336/3 may be accessed by using the following Web address: <http://www.public.navy.mil/bupers-npc/reference/forms/NAVPERS/Pages/default.aspx>.

Note: Sailors are advanced to E-4 after serving 6 months TIR. Participation in the Navy-wide examination is not required. Advancement to E-4 will be on the 16th 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 grade administratively reduced to the pay grade they held when they commenced active duty:

(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 grades E-2 or E-3 for those individuals who qualified on the basis of other enlistment programs.

e. 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 instruction, 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 NAVPERSCOM (PERS-4010S) or Office of the Chief of Naval Operations (OPNAV), Nuclear Enlisted Program (N133D2) for NF. NAVPERS 1070/613 may be accessed by using the following Web address: <http://www.public.navy.mil/bupers-npc/reference/forms/NAVPERS/Pages/default.aspx>.

b. To facilitate prompt efficient processing, and classification of personnel in recruit training, authority is granted to **Officer in Charge, Personnel Support Detachment, 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 Bureau of Medicine and Surgery (BUMED) (for submarine or NF duty, submit waivers to NAVPERSCOM (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.

(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. For personnel who fail to complete "A" School training, members will have their pay grade administratively reduced per paragraph 9d.

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

e. If disenrollment is precipitated by reason of ineligibility that was present and documented at the time of application, NAVPERSCOM (PERS-4010S) or NAVPERSCOM, Enlisted Performance and Separations Branch (PERS-832) may authorize discharge from 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 the member is not at fault.

g. In cases where adjudicated clearance investigation (completed upon entrance into the Navy) contains significant derogatory information that cannot be favorably resolved, and it is apparent that 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, NAVPERSCOM (PERS-832) may authorize discharge from naval service based on needs of the Navy.

h. Extension of enlistment(s) is or are cancelled or adjusted as delineated within this article.

12. **Disenrollment Due to Not Meeting Physical Requirements for Submarines.** Submarine and nuclear field volunteers who no longer meet the physical requirements for assignment to duty in connection with submarines or nuclear field 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 nuclear field duty, will be reclassified and force converted by request to NAVPERSCOM, Active Enlisted Program Branch (PERS-81).

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