

MILPERSMAN 1210-111

ENGINEERING DUTY OFFICER DIVER

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References	(a) NAVMED P-117 (b) NAVSEA SS521-AG-PRO-010, United States Navy Diving Manual (c) NAVSEAINST 4740.60E
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1. **Purpose.** This article discusses personnel aspects of the engineering duty officer (EDO) diving community. The following topics are covered:

Topic	See Paragraph
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2. **EDO Diving Community Description**

a. The EDO diver community is a subset of EDOs specially trained in the areas of diving, marine salvage, and underwater ship husbandry.

b. EDO divers receive initial training as JDOs at the Naval Diving and Salvage Training Center (NDSTC) in Panama City, Florida

and additional hands-on training while billeted in diving experience tours.

c. Based on career timing and desire, there are multiple "windows" in which prospective EDO divers can attend the JDO Course. The first opportunity is immediately upon commissioning and before the start of the unrestricted line officer training pipeline. Officers may also attend the JDO Course after lateral transfer into the EDO community before or after their first EDO tour, which is typically graduate school. See exhibit 1 for a further explanation of these windows.

3. **Suitability for Assignment.** Applicants must satisfy the requirements of this paragraph prior to assignment to training and or a diving related to the following billet:

a. **Designator.** Be EDOs (14XX) or unrestricted line officers in their initial training pipeline with the "LOA" (EDO Option Officer) additional qualification designation (AQD).

b. **Duty Status.** Must be on active duty or be reservists eligible for active duty orders.

c. **Pay Grades.** Officers in the grades of O-1 through O-4 are considered.

d. **Motivation.** Possession of strong motivation, interest in the career field, and willingness to work diligently in the academic and operational training phases are required.

e. **Obligation.** Agree to complete one diving and salvage experience tour coordinated through Naval Systems Command (NAVSEA) Supervisor of Salvage and Diving (NAVSEA-00C).

f. **Medical Requirements.** Must meet medical standards as specified in reference (a), article 15-102. Request for waiver of physical standards for personnel who do not meet minimum standards must be submitted per reference (a) via the Service member's commanding officer and Bureau of Medicine and Surgery (BUMED) Head, Undersea Medicine (N10F2).

g. **Physical Fitness.** Applicants must pass the physical screening test per paragraph 4 of this article. An additional screening must be performed with a qualified EDO diver to assess in-water proficiency. Waivers will not be accepted

h. **Prior Attempts**. Applicants who were previously selected and attended the JDO Course but did not successfully complete the course of instruction may be considered on a case-by-case basis. Final determination is made by NAVSEA-00C.

i. **Misconduct**. Applicants may not have a non-judicial punishment, court-martial conviction, or civil court conviction during the previous 12 months prior to application.

j. **Exemptions**. NAVSEA-00C, on a case-by-case basis, may coordinate with NDSTC to exempt those officers previously qualified as U.S. Navy divers from repeating all or part of the initial training for which they were qualified.

4. **Application for JDO Course**. Interested reserve officers should contact the Supervisor of Salvage and Diving Reserve Unit to inquire about quotas and availability. Suitability standards outlined in paragraph 3 remain the same. Active duty applicants are encouraged to contact NAVSEA-00C to discuss the application process and timeline. NAVSEA-00C can be reached at: SUPSALVEDOS@us.navy.mil or (202)-781-3854. Prospective EDO divers notionally attend the JDO Course in either July or October, with a limited number of quotas available in March on a case-by-case basis. Applicants should have a completed application submitted to NAVSEA-00C and their detailer at least 6 months ahead of their desired class date. The application will include:

a. **Interview**. The interview is necessary to examine and evaluate each applicant's character, traits, background, motivation, and potential for successfully completing the JDO Course and subsequent EDO diving career assignments. Interviews are conducted by NAVSEA-00C. The interviewer must do the following:

(1) Discuss the nature of the EDO diving community with the applicant to include, at minimum, training, duty assignments, operational employment, and career development.

(2) Determine the applicant's motivation and reasons for applying.

(3) Determine the applicant's comfort level in the water. Member must have considerable comfort level when in a waterborne environment. This should not be determined solely by the physical screening test.

(4) Determine the applicant's physical fitness level.

(5) Review entry requirements with the applicant to identify which requirements are met and which requirements, if any, require a waiver.

b. **Diving Medical Examination.** Applicants must meet physical examination and standards per reference (a).

(1) **Approved Location.** The medical examination may be conducted at hospitals or clinics capable of accomplishing or coordinating all required examination elements.

(2) **Approved Medical Examiner.** Per reference (a), Diving Duty Examinations and Standards article 15-102, examinations may be conducted by any Department of War (DoW)-privileged physician, physician assistant, or nurse practitioner, but an undersea medical officer or diving medical officer must approve and review all examinations using [DD 2807-1](#) Report of Medical History and [DD 2808](#) Report of Medical Examination forms. NAVSEA-00C can assist with locating a Navy undersea medical officer or diving medical officer to review examinations when one is not within proximity to the applicant's geographic location.

(3) **Medical Reports.** Results of the diving medical examination will be recorded on the following forms:

(a) [DD 2807-1](#) Report of Medical History,

(b) [DD 2808](#) Report of Medical Examination, and

(c) [NAVPERS 1200/6](#) U.S. Military Diving Medical Screening Questionnaire. This form must be completed no later than 1 month prior to actual transfer to training and placed in Service member's medical record.

(4) **Validity.** The initial diving medical examination is valid for a 24-month period. Candidates who have not reported to the JDO Course within the 24-month period must resubmit [DD 2807-1](#) and [DD 2808](#) reports to NAVSEA-00C.

c. **Hyperbaric Pressure Test.** The hyperbaric pressure test is designed to determine if an applicant can successfully adapt to increased atmospheric pressure without adverse physiological reaction. This test is conducted in a hyperbaric recompression chamber per reference (b).

d. **Physical Screening Test.** The physical screening test is designed to assess the applicant's physical ability to handle physical stressors of dive duty and undergo initial and advanced training.

(1) Administer the physical screening test per [MILPERSMAN 1220-410](#).

(2) No alterations to the test are permitted. The test must be administered exactly as indicated.

(3) Physical screening test minimum standards are identical for all applicants. The minimum standards are as follows:

Event	Requirement
500-yard swim using combat side stroke or breast stroke	12:00 min time limit
10-minute rest	
Maximum push-ups in 2 minutes	50-rep minimum
10-minute rest	
Maximum curl-ups in 2 minutes	50-rep minimum
2-minute rest	
Maximum pull-ups, no time limit	6-rep minimum
10-minute rest	
1.5-mile Run	11:30 min time limit

e. **In-water Proficiency Evaluation.** The candidate must complete a demonstration with a qualified EDO diver to ensure he or she can complete the basic elements of the workouts conducted at NDSTC during the JDO Course. Contact NAVSEA-00C for in-water proficiency requirements.

5. **AQDs for EDO Divers.** Upon successful completion of the JDO Course, EDO divers will receive the "KL0" (Basic Diving Officer) and "KM1" (Salvage Diving Officer Basic) AQDs. EDOs who complete the Mixed Gas Course of instruction while at NDSTC will receive the "KN1" (Mixed Gas Diver) AQD. EDOs who have completed at least 12 months in a diving experience tour approved by NAVSEA-00C are eligible for the KM2 (Salvage Diving Officer Operational) AQD.

6. **Additional Training**

a. **JDO Course**. The JDO Course familiarizes prospective EDO divers with all aspects of Navy self-contained underwater breathing apparatus and surface supplied diving operations, planning and supervision, underwater physics, medicine and salvage, and underwater ship husbandry operations. Applicants should expect to spend an additional 4 to 6 weeks assigned to the Navy experimental diving unit prior to their class-up date for local condition acclimatization and in-water proficiency training.

b. **Mixed Gas Diving Course**. There are additional opportunities for prospective EDO divers to attend the 2-week Mixed Gas Diver Course and qualify as a mixed gas diver upon successful completion of the JDO Course while at NDSTC.

c. **Additional Courses**. All EDO divers are required to complete the Courses listed below no later than 90 days after completion of the JDO Course. Completion will be reported to NAVSEA-00C via e-mail to SUPSALVEDOS@us.navy.mil for tracking and accounting. This requirement is to better enhance the broader EDO diver community's knowledge base related to Navy salvage work. It also enhances the capability of NAVSEA-00C when non-NAVSEA-00C-billeted EDO divers are called upon to support operations on a temporary duty basis.

(1) Navy Diver Salvage Course - Fundamentals, Course
Number: CEODD-NDSC-FUND-1-2.0;

(2) Navy Diver Salvage Course - Naval Architecture, Course
Number: CEODD-NDSC-NAVARCH-2-2.0;

(3) Navy Diver Salvage Course - Operations, Course Number:
CEODD-NDSC-OPS-3-2.0;

(4) Navy Diver Salvage Course - Scenarios, Course Number:
CEODD-NDSC-SCEN-4-2.0; and

(5) NAVSEA-00C Program of Ship Salvage Engineering (POSSE) training. Contact Supervisor of Salvage and Diving (SUPSALV) by e-mail for training material at SUPSALVEDOS@us.navy.mil

7. **Maintaining Proficiency**

a. All divers are required to maintain annual diving proficiency. EDO divers are expected to maintain proficiency, regardless of the duty station they are assigned. This includes unrestricted line officers with the LOA AQD who have completed the JDO Course and are assigned to ships or training. In the case where there is no dive locker within the geographic area to which an officer is assigned, officers are expected to make special arrangements to ensure they meet the requirements of [MILPERSMAN 7220-090](#).

b. EDOs are not required to maintain proficiency during graduate school if no dive locker is available. They will lose dive pay during this time and be required to requalify afterwards per [MILPERSMAN 7220-090](#). EDOs should ensure they do not have proficiency lapses greater than 3 years in order to minimize requalification requirements.

8. **Initial Gear Issue**. Per reference(c), divers are authorized an initial gear issue which will be provided by their receiving command upon graduation from a diving program.

a. Divers who are reporting to a NAVSEA command following completion of the JDO Course will submit requests via their command for initial outfit and reimbursement of expenses for diving equipment.

b. Divers who are reporting to a command outside of the NAVSEA enterprise (Naval Postgraduate School, ships, or submarines, etc.) may coordinate with NAVSEA-00C for their initial outfit of diving equipment.

9. **Detailing for Diving and Salvage-Related Experience Tours**.

NAVSEA-00C serves as the mentor group lead for the EDO diving community and will work with officers to assign them to diving and salvage experience tours. Tours will be assigned based on an officer's career progression, EDO qualification status, and experience.

a. Special screening is required for certain billets, including duty with mobile diving and salvage units and Navy Experimental Diving Unit. Interested officers should contact NAVSEA-00C.

b. Every effort is made to match officers with experience tours complementary to their career and preferences; however, this is not always possible. Due to availability of dive tours, some officers, through no fault of their own, may not receive an experience tour.

c. Officers who refuse to accept orders to an experience tour when directed by NAVSEA-00C may have their diving status removed and associated AQDs revoked.

EXHIBIT 1
(Dive School "Windows")

