



DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND  
1333 ISAAC HULL AVE SE  
WASHINGTON NAVY YARD DC 20376-0001

IN REPLY TO

NAVSEAINST 4740.6C  
Ser 00C/0048  
18 Aug 06

NAVSEA INSTRUCTION 4740.6C

From: Commander, Naval Sea Systems Command

Subj: ENGINEERING DUTY SHIP SALVAGE AND DIVING OFFICER  
PERSONNEL

Ref: (a) NAVPERS 15839I  
(b) Naval Military Personnel Manual Article 1210-140  
(c) OPNAVINST 4740.2F of 10 Jul 97  
(d) NAVSEAINST 4740.8A of 10 Mar 93  
(e) NAVSEAINST 3150.1 of 28 Jan 88

Encl: (1) Authorized Equipment for ED Ship Salvage and Diving  
Officers

1. Purpose. To provide training and management policy and procedures for all Engineering Duty (ED) Ship Salvage and Diving Officers and for salvage, diving, and related ocean engineering billets. This is a major change to the basic instruction.

2. Cancellation. NAVSEAINST 4740.6B DTD 22 March 1990.

3. Definition. Ship Salvage and Diving Officer, as used herein, is defined to include all ED Officers trained in diving and salvage and who hold the Naval Officer Billet Classification (NOBC) Codes 9312 (Diving Officer General), 9313 (Diving Officer, Deep Sea, He02), 9314 (Diving Officer, Ship Salvage), 9375 (Ship Salvage Operations Officer), and/or 9315 (Saturation Diving officer) as defined by reference (a).

4. Scope. This instruction applies to the personnel management of all ED Officers qualified in the fields of ship salvage, diving, underwater ship husbandry (UWSH), and ocean engineering. With respect to the management of these officers in specific duty assignments, it applies to NAVSEA and its subordinate shore activities and detachments.

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## 5. Background

a. References (a) and (b) describe officer diving designations, training and re-qualification within the Navy officer diving programs.

b. Reference (c) established basic policy and sets forth management responsibilities relating to ship salvage and aircraft recovery. To carry out the responsibilities specifically assigned this command, reference (d) prescribes responsibility for the maintenance of standby salvage capability and the active prosecution of salvage, recovery, and open sea oil spill response operations in the field.

c. Reference (e) describes the delegated responsibility of various NAVSEA shore activities and naval shipyards with a complete dive locker to assign and equip at least one Diving Officer in their officer cadre. Additionally, each NAVSEA shore activity and naval shipyard with a complete dive locker will designate an Engineering Duty Salvage and Diving Officer to carry out emergent salvage, UWSH, and ocean engineering responsibilities.

## 6. Discussion

a. Generally, major ship salvage, aircraft salvage, and object recovery incidents require expert personnel formally trained in salvage engineering to augment assigned fleet personnel.

b. Because of the unique circumstances of each salvage or recovery task, it is necessary to provide varied practical experience and formal training to keep Ship Salvage and Diving Officers qualified in salvage and ocean engineering operations.

c. Ship Salvage and Diving Officers must be intimately knowledgeable in technical and Quality Assurance (QA) requirements to support permanent UWSH repair and maintenance procedures. Emergent damage to ships may require UWSH teams to deploy on short notice worldwide.

d. The preceding requirements establish the need for a flexible policy for the management of Ship Salvage and Diving Officers. This policy must provide for the broadest possible training, the maintenance of current diving qualifications, and active field participation by each ED Ship Salvage and Diving Officer to acquire the requisite proficiency and skills.

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7. Policy. In view of the varied and complex responsibilities in the areas of salvage, object recovery, UWSH, and related ocean engineering disciplines which are assigned to the Commander, Naval Sea Systems Command and to the Supervisor of Salvage, U.S. Navy, a cadre of skilled ED Salvage and Diving Officers shall be trained and maintain current diving qualifications per reference (b), and shall be made available for emergent salvage and ocean engineering operations. Since there are only a few full-time ED Ship Salvage and Diving Officer billets, when not assigned to actual salvage or diving officer billets, salvage and diving trained officers are to be assigned collateral duties in the areas of salvage, diving, and ocean engineering. To this end, it is the responsibility of the parent activity to provide an initial outfitting of diving equipment to all salvage and diving trained EDs who represent emergency salvage and UWSH personnel assets.

8. Action

a. ED Ship Salvage and Diving Officers. Because personal safety during diving operations is directly related to proficiency, all ED Ship Salvage and Diving Officers shall maintain individual diving qualifications without lapse. Should diving qualifications be permitted to lapse for any reason whatsoever, the Supervisor of Salvage, U.S. Navy, shall be notified immediately.

b. NAVSEA and NAVSEA Shore Activities and Detachments.

(1) All activities which are assigned ship salvage and diving responsibilities by references (d) or (e) will ensure that their Ship Salvage and Diving Officers are designated in writing and are offered the maximum opportunity to participate in formal salvage training conducted by the Supervisor of Salvage including attendance at the annual U. S. Navy Working Diver Conferences and training through on-the-job experience in salvage, UWSH, and related ocean engineering operations.

(2) All Regional Maintenance Centers will designate an Engineering Duty Officer Diver as the Regional Maintenance Center Salvage and Diving Officer.

(3) All salvage trained ED officers are potentially available for deployment to major salvage and related ocean engineering operations. Activities should ensure that each remains qualified as a Diving Officer in accordance with

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reference (b), have a valid official passport, and be afforded the opportunity to participate in salvage or related ocean engineering operations.

(4) All activities should ensure that assigned Ship Salvage and Diving Officers are outfitted in accordance with the policy statement in paragraph 7 and enclosure (1). This equipment will remain in the officer's custody as professional equipment.

c. Supervisor of Salvage (NAVSEA 00C). Provide leadership and advocacy for the Engineering Duty Ship Salvage & Diving Officers by:

(1) Ensuring training of approximately eight Engineering Duty Officers per year in diving and salvage operations through completion of the 2/C Diver, 1/C Diver, Saturation Diver, and Salvage Officer curricula at the Naval Diving and Salvage Training Center (NDSTC), Panama City, Florida. SUPSALV shall coordinate with qualified candidates, the ED detailer, and the Center for EOD and Diving. The eight training quotas at NDSTC will generally be distributed evenly with class convening dates in January and June.

(2) Maintaining continuing Salvage Engineering training through formal Program of Ship Salvage Engineering (POSSE) training, Salvage Engineering Summer Workshop attendance, and participation in Fleet or commercial salvage operations, and other salvage engineering training opportunities.

(3) Coordinating with NAVSEA shore activities and other commands to arrange for the temporary assignment of ED Ship Salvage and Diving Officers to major salvage and related ocean engineering operations for purposes of on-the-job training and/or active participation.

(4) Maintaining a professional record of each qualified ED Ship Salvage and Diving Officer, including training and experience gained through actual participation in ship salvage, aircraft recovery, and related ocean engineering operations.

(5) Consulting with the NAVSEA Director of Military Personnel in preparing plans for detailing of all diving trained ED Officers and filling ED Salvage and Diving Officer billets. Due to the emergent nature of salvage operations, and the criticality of maintaining an immediately deployable cadre of salvage professionals, permanent change of station (PCS) orders

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for each ED Ship Salvage and Diving Officer, whether or not assigned to a salvage or diving officer billet shall include provision for official performance of diving duty.

(6) Assisting the NAVSEA Inspector General in inspecting shore activities and detachments to evaluate compliance with this instruction.



P. E. SULLIVAN  
Commander

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AUTHORIZED EQUIPMENT FOR ED SHIP SALVAGE AND DIVING OFFICERS

The following is a list of equipment that each activity should provide new ED Ship Salvage and Diving Officers, or replace as required due to wear and tear. This equipment will remain in the custody of the officer who will be responsible for its maintenance.

Diving Outfit

Wet Suit ensemble (including diving "skin", lightweight (~3 mil) suit, coldwater (~7 mil) suit, hood, gloves, and boots)

Fins

Mask

Snorkel

Dive Knife

NOTE: Regulators, buoyancy compensators and scuba tanks should be drawn from activity locker as required. Diving watches are the responsibility of each individual.