



DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND
WASHINGTON DC 20362-5101

IN REPLY REFER TO

NAVSEAINST 3150.1
OPR 00C3
28 JAN 1988

NAVSEA INSTRUCTION 3150.1

From: Commander, Naval Sea Systems Command

Subj: NAVY DIVING PROGRAM

Ref: (a) OPNAVINST 3150.27
(b) NAVSEA 0994-LP-001-9010/9020
(c) NAVSEAINST 10560.2
(d) NAVSEA SS521-AA-MAN-010
(e) SECNAVINST 12000.20A
(f) NAVSEAINST 5450.27C
(g) NAVSEAINST 4740.6A

Encl: (1) INSURV/SAFETY Inspection Guide

1. Purpose. To establish policy and assign responsibilities within the Naval Sea Systems Command and subordinate shore activities for that portion of the Navy Diving Program assigned by reference (a) to the Commander, Naval Sea Systems Command.
2. Cancellation. NAVSEAINST 9597.7 of 31 May 1977 was cancelled by NAVSEANOTE 5215 of 2 January 1986.
3. Scope. This instruction applies to all diving conducted under the cognizance of the Naval Sea Systems Command.
4. Background. Diving requirements within the Naval Sea Systems Command span the entire spectrum of Navy diving, including conventional diving in shipyards, commercial diving under contract, and experimental saturation diving at the Navy Experimental Diving Unit.
5. Policy
 - a. Except as indicated below, all diving conducted under the cognizance of the Naval Sea Systems Command will comply with references (a) through (d). Diving operations will be conducted by currently qualified Navy divers and/or civilian federal workers trained as Navy divers using only Authorized for Navy Use (ANU) or Certified diving equipment, systems and procedures. Civilian federal workers trained as Navy divers will also comply with reference (e).
 - b. Commercial divers under contract to the Navy are not governed by Navy diving regulations. Per reference (a), such diving

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operations shall comply with best commercial diving practices, and applicable federal laws. Commercial divers may not participate on Navy diving stations, nor may they use U. S. Navy diving equipment or diving air. Exceptions to this policy require prior approval from CNO (OP-02).

c. Per reference (a), the Navy Experimental Diving Unit by virtue of the unique mission, as defined in reference (f), is excluded from compliance with the requirements of reference (c) as related to RDT&E Programs.

d. Per reference (a), Navy laboratories, research centers, and other activities assigned diving and hyperbaric systems RDT&E projects, when authorized in writing by NAVSEA, may use equipment which has not been authorized for Navy use, when such use is directly related to assigned RDT&E projects.

6. Action

a. The Director of Ocean Engineering Supervisor of Salvage and Diving (SEA 00C) will:

(1) Maintain and support within his organization the position of U. S. Navy Supervisor of Diving.

(2) Maintain and support within his organization the position of System Certification Authority for shipboard and portable manned diving and hyperbaric systems.

(3) Initiate and administer contracts for commercial diving services to support ship husbandry, hull cleaning, and search and salvage operations as required.

(4) Provide the overall management direction and policy guidance for the Naval Sea Systems Command for diving and underwater swimming programs.

b. The U. S. Navy Supervisor of Diving (NAVSEA 00C3) will:

(1) Serve as the technical authority and manager for the Navy Diving Program.

(2) In response to approved operational requirements, provide acquisition management, Integrated Logistic Support and Life Cycle Management for diver life-support equipment, portable and shipboard hyperbaric facilities, surface supported diving systems, saturation diving, and associated diver tools and equipment for use by the Navy and Marine Corps.

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(3) Provide technical guidance, per reference (a) and memoranda of agreement, to program managers at the SYSCOM level for acquisition programs related to diver support equipment for the SEAL, Explosive Ordnance Disposal, Underwater Construction Team, and other specialized diver communities. Work closely with the program managers to remain aware of all development programs for diver support equipment to ensure that RDT&E programs consider the similar operational requirements of all diving communities, thereby avoiding a duplication of effort.

(4) Provide technical support to the CNO as required in the development of diving program policy.

(5) Establish Navy diving practices and procedures in reference (b) and other publications as necessary to provide accurate and consistent guidance to the fleet. Implement a program for a continuing review of such guidance to ensure that it is maintained current and up to date.

(6) Establish and direct programs necessary to maintain and/or revise the Navy decompression and treatment tables.

(7) Establish and publish operating and emergency procedures for diving and hyperbaric systems resulting from NAVSEA acquisition programs. Review and approve such procedures submitted from fleet activities in conjunction with the system certification program.

(8) Serve as the U. S. Project Officer to U. S. Navy International Exchange Agreements and Data Exchange Agreements for diving related matters with allied navies.

(9) Provide technical services and support to U. S. military, governmental and civilian activities on matters pertaining to diving.

(10) Establish and administer programs for Test and Evaluation (T&E) of commercially available equipment which leads to the designation Authorized for Navy Use (ANU) under the guidelines of reference (c). Publish a listing of such equipment and update annually.

(11) Establish and administer the Diver's Breathing Air Sampling Program for all Naval activities maintaining an air diving capability.

(12) Coordinate with other SYSCOMS, and provide technical recommendations to the CNO (OP-23) on all requests for waivers of Navy Diving Program procedures and requirements.

(13) Establish and maintain a repository of technical information pertinent to diving.

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(14) Provide technical support in the area of diving to the NAVSEA Inspector General during periodic inspections of shipyards, and other NAVSEA field activities with operational diving lockers. INSURV/SAFETY Inspection Guide (enclosure (1)) is provided for command preparation of these inspections.

(15) Provide technical, management, and funding support for the Navy Experimental Diving Unit.

(16) Advise and assist the Chief of Naval Education and Training, the Chief of Naval Technical Training and the Chief of Naval Military Personnel in the development of criteria for diver selection, training, and qualifications.

(17) Establish and maintain liaison with the Commander, Naval Medical Command on the bio-medical and psychological aspects of diving.

(18) Assist in the correction of safety deficiencies discovered at fleet units and shore commands during inspections and safety surveys through technical guidance as required.

(19) Coordinate with the Naval Safety Center in establishing comprehensive inspection guidelines for all aspects of Navy diving for use during safety surveys. Provide technical guidance to the Naval Safety Center and periodically review the guidelines to ensure that they remain current.

(20) Provide technical guidance to appropriate NAVSEA codes to establish and maintain material allowance, outfitting, and load lists for Navy diving lockers afloat and ashore.

c. The System Certification Authority for shipboard and portable manned diving and hyperbaric systems (NAVSEA 00C4) will:

(1) Per reference (a), assume the lead SYSCOM responsibilities in coordinating with the System Certification Authority at the Naval Facilities Engineering Command in establishing system certification criteria. The criteria, so established, will to practical limits, be the same for shipboard, portable, and shore-based diving and hyperbaric systems.

(2) Execute the Diving and Hyperbaric Systems Safety Certification Program for diver worn and portable systems under the guidelines of reference (d).

(3) Conduct annual review and update of reference (d).

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d. Commanding Officers of Naval Shipyards and other NAVSEA field activities with a complete diving locker assigned will:

(1) Comply with references (a) through (e) in the conduct of all diving operations.

(2) Per reference (g), Naval Shipyards, maintain a minimum of one fully qualified Diving Officer within the officer complement and ensure that diving officers are assigned in writing, supported with necessary diving equipment, and provided the opportunity for continued training.

(3) Utilize enclosure (1) as guidance in establishing diving locker procedures and instructions and in preparation for scheduled inspections by NAVSEA.

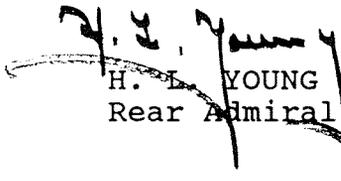
e. The Commanding Officer, Navy Experimental Diving Unit will:

(1) Conduct diving operations per reference (f) and other current directives in pursuit of assigned mission task.

(2) Act as technical agent, In-service Engineering Agent, and test and evaluation agent of Commander, Naval Sea Systems Command in all matters involving diving and hyperbaric operations.

(3) Establish and maintain a deep dive team consisting of specially qualified divers and medical personnel for call out on emergency or special diving missions.

(4) Maintain a 24-hour phone watch for providing technical consultation, medical consultation and other assistance as may be required by Fleet or other diving activities.


H. L. YOUNG
Rear Admiral U. S. Navy

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INSURV/SAFETY INSPECTION GUIDE

General. Diving at NAVSEA activities is conducted in accordance with the U. S. Navy Diving Manual and other diving directives. The following guide has been prepared to assist the inspectors and to provide guidance to the activities for evaluating the adequacy of their individual diving capability.

Pertinent Instructions/Manuals:

1. U. S. Navy Diving Manual, Volumes I and II, NAVSEA 0994-LP-001-9010/9020
2. U. S. Navy Recompression Chamber Operator's Handbook, NAVSEA 0994-LP-014-5010
3. U. S. Navy Air Decompression Table Handbook, NAVSEA 0994-LP-015-9010
4. U. S. Navy Diving and Manned Hyperbaric System Safety Certification Manual: SS521-AA-MAN-010
5. Underwater Ship Husbandry Manual, NAVSEA S-0600-AA-PRO-010
6. Underwater Welding and Cutting Manual, NAVSEA 0929-LP-000-8010
7. OPNAVINST 3150.27, Navy Diving Program
8. NAVSEAINST 10560.2, Diving Equipment Authorized for Navy Use
9. NAVSEAINST 5450.27C, U. S. Navy Experimental Diving Unit, Panama City, Florida; mission, tasks and functions of
10. SECNAVINST 12000.20A, Civilian Diving in the Navy
11. Diving Advisory Messages (AIG 239, 11295)
12. NAVSEAINST 4740.6A, Management of Ship Salvage Officer personnel
13. NAVSEAINST 4740.8, Salvage, Recovery and Open Sea Spill Response Programs
14. NAVSEAINST C9597.3A, Safe Diving Distances From Transmitting Sonars (U)
15. OPNAVINST 3501.133A, Projected Operational Environment (POE) and Required Operational Capabilities (ROC) for the Mobile Diving and Salvage Units

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16. OPNAVINST 4740.2E, Salvage and Recovery Program
17. OPNAVINST 9940.2B, Combined Diving Log-Accident/
Injury Report (Report Symbol OPNAV 9940-1); Promulgation of
18. BUMEDINST 6110.11, Civilian Divers; Age 45 Years and Over
19. BUMEDINST 6200.11, Diving During Pregnancy
20. BUMEDINST 6320.38A, Clinical Use of Recompression Chambers for
Nondiving Illnesses; Policy of
21. NAVFACINST 5420.19C, System Certification Authority (SCA) for
Shore Based Hyperbaric Facilities; Functions and Membership of
22. OPNAVINST 3100.6D, Special Incident Reporting (OPREP-3)
Procedures

Enclosure (1)

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11. Is only authorized diving equipment held?
(NAVSEAINST 10560.2)

12. Knowledge of requirements and actions if certification limits are exceeded.

13. Are the Diving Officer and Supervisor aware of OPREP-3 procedures for casualty notification?
(OPNAVINST 3100.6D)

Yes	No

Enclosure (1)

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