



DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND
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IN REPLY REFER TO
NAVSEAINST 3150.1B
Ser 00C-3054/307
10 Aug 2021

NAVSEA INSTRUCTION 3150.1B

From: Commander, Naval Sea Systems Command

Subj: DIVING PROGRAM

- Ref:
- (a) OPNAVINST 3150.27D
 - (b) NAVSEAINST 5450.14A
 - (c) NAVSEAINST 5450.80A
 - (d) NAVSEAINST 5450.15E
 - (e) NAVSEAINST 5450.133A
 - (f) NAVSEAINST 5450.153
 - (g) NAVSEAINST 5450.27H
 - (h) NAVSEAINST 10560.2E
 - (i) NAVSEAINST 4120.24
 - (j) NAVSEAINST 4130.12B
 - (k) NAVSEAINST 4160.3B
 - (l) NAVSEAINST 5400.IIIA
 - (m) NAVSEAINST 3151.1A
 - (n) NAVSEA SS521-AA-MAN-010, Revision 3, Change A, U.S. Navy Diving and Manned Hyperbaric Systems Safety Certification Manual
 - (o) OPNAVINST 6400.1D
 - (p) COMUSFLTFORCOMINST 4790.3, Rev D
 - (q) NAVSEA SS521-AG-PRO-010, Revision 7, Change A, U.S. Navy Diving Manual
 - (r) NAVSEA S0600-AA-PRO-010, Revision 8, Change A, Underwater Ship Husbandry Manual
 - (s) NAVSEAINST 4790.8D

1. Purpose. To establish Naval Sea Systems Command (NAVSEA) diving policy per reference (a). This instruction is a complete revision, which must be reviewed its entirety.

2. Cancellation. NAVSEAINST 3150.1A

3. Action. Field activities and cognizant headquarters will conduct training and revise applicable doctrine.

4. Scope. This instruction applies to all dive-capable field activities and cognizant headquarters.

a. The following Logistics, Maintenance and Industrial Operations (SEA 04) field activities are authorized to conduct manned diving operations per this instruction and reference (b):

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- (1) Portsmouth Naval Shipyard (NAVSHIPYD PORTSMOUTH NH)
- (2) Puget Sound Naval Shipyard & Intermediate Maintenance Facility (NAVSHIPYD AND IMF PUGET SOUND WA)
- (3) Pearl Harbor Naval Shipyard & Intermediate Maintenance Facility (NAVSHIPYD & IMF PEARL HARBOR HI)
- (4) U.S. Naval Ship Repair Facility Yokosuka (NAVSHIPREPFAC YOKOSUKA JA)
- (5) U.S. Naval Ship Repair Facility Detachment Sasebo (NAVSHIPREPFAC DET SASEBO JA)

b. The following Warfare Center field activities are authorized to conduct manned diving operations per this instruction and references (c) through (f):

- (1) Naval Undersea Warfare Center Division Newport (NAVUNDSEAWARCENDIV NEWPORT RI)
- (2) Naval Undersea Warfare Center Division Keyport (NAVUNDSEAWARCENDIV KEYPORT)
- (3) Naval Surface Warfare Center Panama City Division (NAVSURFWARCENDIV PANAMA CITY FL)
- (4) Expeditionary Exploitation Unit ONE (EXU1 INDIAN HEAD MD)

c. The following Regional Maintenance Centers and detachments are authorized to conduct manned diving operations per this instruction and in alignment with the approved mission statement:

- (1) Mid-Atlantic Regional Maintenance Center (MARMC NORFOLK VA)
- (2) Southwest Regional Maintenance Center (SOUTHWEST RMC SAN DIEGO CA)
- (3) Southeast Regional Maintenance Center (SOUTHEAST RMC MAYPORT FL)
- (4) U.S. Forward Deployed Regional Maintenance Center Detachment Rota (FDRMC DET ROTA SP)
- (5) U.S. Forward Deployed Regional Maintenance Center Detachment Bahrain (FDRMC DET BAHRAIN)

d. The following experimental field activities are authorized to conduct manned diving operations per this instruction and reference (g):

(1) Navy Experimental Diving Unit (NAVEXDIVINGU PANAMA CITY FL)

(2) Navy Experimental Diving Unit Saturation Detachment (NAVEXDIVINGU DET PANAMA CITY FL)

5. Responsibilities

a. In addition to requirements outlined in references (a) and (h) through (l), the Diving Programs Division (SEA 00C3) must:

(1) Lead an annual consolidated review of diving-related field activity programming objectives and unfunded requirements for processing and submission to the cognizant resource sponsor.

(2) Serve as the Diving Operational Readiness Inspection (DORI) authority for all units listed in paragraph 4 and any adjacent headquarters' subordinate dive-capable unit for which an agreement or understanding has been established per reference (a).

(3) Publish comprehensive DORI checklists for internal use and adoption by other inspecting authorities, as applicable. These checklists must incorporate all reference (a) requirements and encompass all attributes of the inspected units' dive-enabled missions.

(4) Publish a comprehensive DORI Quality Assurance Surveillance Program (QASP) checklist in alignment with the four program pillars of execution, doctrine, process and corrective action.

(5) Serve as the immediate superior in command authority for Diving Safety Assessment (DSA) periodicity waivers and commanding officer or officer in charge determinations and notifications related to diving duty pay.

(6) Host the Military Diver Training Continuum (MDTC) and publish DORI and QASP findings on a recurring basis in order to foster a culture of learning.

(7) Partner with the Chief Inspector assigned to the Inspector General's (IG/SEA 00N) Command Inspections Branch on a recurring basis to comprehensively assess DORI and QASP processes and outcomes.

(8) Conduct risk assessments pursuant to diving waiver and exception to policy (ETP) requests in collaboration with the System Certification Authority (SEA 00C4) who must maintain supporting checklists compatible with established certification criteria. Assessments

must include a comprehensive review of associated design, fabrication, testing, procedural and maintenance documentation. On-site materiel surveys and operational demonstrations may also be prescribed.

(9) Issue letters of notification to units scheduled to undergo DORI and headquarters scheduled to undergo QASP.

(10) Issue QASP findings and conclusions, to include a request for notification of corrective actions, to reviewed headquarters. This issuance must normally be accompanied by a comprehensive debrief.

(11) Serve as the approval authority for waivers and ETP associated with this instruction.

b. System Certification Authority (SEA 00C4) functions and tasks are outlined in references (a), (h), (m) and (n).

c. Headquarters exercising oversight of units listed in paragraph 4 must designate central points of program management for diving and dive-enabled missions. In addition to the administrative oversight of unit responsibilities outlined herein, designated program managers must closely monitor DORI and DSA corrective actions in collaboration with the Diving Programs Division (SEA 00C3).

d. In addition to requirements outlined in references (a) and (n), units authorized to conduct manned diving operations must:

(1) Ensure the on time scheduling and execution of DSA per reference (a).

(2) In the absence of a billeted Undersea Medical Officer (UMO), establish agreements with adjacent units in order to ensure proper physician oversight of diving medical programs and personnel, to include Diving Medical Technician and Deep Sea Diving Independent Duty Corpsman (IDC) supervision per reference (o), as applicable.

(3) Ensure all divers and support personnel are properly outfitted for underwater and topside work environments. In addition to diving dress and personal protective equipment, organizational clothing, compatible with the operating environment, including contingency environments, must be issued.

(4) Ensure the diving element is properly resourced, manned, trained and equipped. Diving life support system, equipment, vehicle, craft, platform and facility procurement, maintenance, overhaul and replacement resourcing must remain a top command priority.

(5) Review and submit diving-related programming objectives and unfunded requirements to Diving Programs Division (00C3) via cognizant headquarters in conjunction with the annual consolidated review outlined in paragraph 5a(1).

(6) Ensure all Diving Supervisors supervise no less than one dive in each mode and apparatus for which they are qualified to supervise on a semi-annual basis. Diving Officers and Master Divers qualified as Diving Supervisors may maintain proficiency through direct engagement in dive station casualty drills, curriculum development, classroom instruction, practical events, Master Diver candidate prescreening and evaluation, advisory team meetings, and the MDTC. Additionally, all qualified divers must maintain proficiency per reference (a). Proficiency will be formally documented, and associated records must be available for inspection.

(7) Establish comprehensive training plans, tailored to the unit's mission, outlined in short and long ranges, and approved by the Diving Officer, in writing, to ensure all dive-qualified personnel maintain the requisite level of knowledge. Training plans must include Diving Advisories, Diving Safety Lines, DORI and QASP findings, mishap reports, emergency drills, and methods of assessing knowledge and skill retention on a recurring basis. Proficiency in core skills related to the application of organic diving capabilities and the unit's assigned mission are critical elements that must be incorporated and refined on a continual basis. Training plans and associated records must be available for inspection.

(8) Issue letters of designation to all qualified Diving Supervisors, including Diving Officers and Master Divers. These letters must specify applicable constraints and restraints derived from the command dive bill or instruction, the mode, or modes, of diving the individual is authorized to supervise and proficiency requirements. Letters of designation must be available for inspection.

(9) Facilitate the continuing education and development of all dive-qualified personnel through formal courses of instruction, workshop attendance, on the job training and credentialing. Authorized training includes, but is not limited to, MDTC attendance as well as First Class Diver and Master Diver course enrollment.

(10) Ensure mishap reports, advisories, and other lessons learned are catalogued, reviewed by all qualified divers, incorporated into training plans and available for inspection.

(11) Utilize reference (p) Scheduling and Execution Effectiveness Review, Command Level Effectiveness Review, and Spot Check Accomplishment Rating instruments to complete maintenance and material management (3M) program self-assessments on an annual basis and no later than 90 days prior to DORI commencement. Annual assessment results must be submitted to SEA 00C3 via cognizant headquarters with the most recent submissions available for inspection.

6. Diving Policy. All diving and associated support operations must be administered, planned and conducted per references (a) and (q) and the requirements outlined in this instruction. Where applicable, underwater ship husbandry operations must be planned and conducted per reference (r).

7. DORI Policy. In addition to reference (a) requirements:

a. DORI teams must be comprised, at a minimum, of a commissioned officer (designator 7201, 1140 or 1440), Master Diver (NEC MMDV) and UMO (NOBC 1953 0107; sub-specialty code 16U0 or 16U1) or Deep Sea Diving IDC (NEC L28A).

b. All DORI findings will be reported, addressed and tracked via standardized processes maintained by the SEA 00N Command Inspections Branch.

c. DORI will satisfy reference (s) inspection and visit requirements for the diving 3M program.

d. Inspected units will utilize paragraph 5a(3) checklists to complete a comprehensive diving self-assessment no later than 90 days prior to DORI commencement. Completed checklists must be available for inspection.

8. Records Management

a. Records created as a result of this instruction, regardless of format or media, must be maintained and dispositioned per the records disposition schedules located on the Department of the Navy/Assistant for Administration (DON/AA), Directives and Records Management Division (DRMD) portal page at <https://portal.secnav.navy.mil/orgs/DUSNM/DONAA/DRM/Records-and-Information-management/Approved%20Record%20Schedules/Forms/AllItems.aspx>.

b. For questions concerning the management of records related to this instruction or the records disposition schedules, please contact your local records manager.

9. Review and Effective Date. Per OPNAVINST 5215.17A, SUPDIVE will review this instruction annually around the anniversary of its issuance date to ensure applicability, currency and consistency with Federal, Department of Defense, Secretary of the Navy and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will be in

NAVSEAINST 3150.1B
10 Aug 2021

effect for 10 years, unless revised or cancelled in the interim, and will be reissued by the 10-year anniversary date if it is still required, unless it meets one of the exceptions in OPNAVINST 5215.17A, paragraph 9. Otherwise, if the instruction is no longer required, it will be processed for cancellation as soon as the need for cancellation is known following the guidance in OPNAV Manual 5215.1 of May 2016.


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Releasability and distribution:

This instruction is cleared for public release and is available electronically only via the NAVSEA Public Web site located at <http://www.navsea.navy.mil/Resources/Instructions/>