DEPARTMENT OF THE NAVY
BUREAU OF MEDICINE AND SURGERY
2300 E STREET NW
WASHINGTON DC 20372-5300

IN REPLY REFER TO
BUMEDINST 5450.157A
BUMED-31(BAB)
1 Oct 2001

BUMED INSTRUCTION 5450.157A

From: Chief, Bureau of Medicine and Surgery

Subj: MISSIONS, FUNCTIONS, AND TASKS OF NAVY ENVIRONMENTAL HEALTH CENTER AND ITS SUBORDINATE COMMANDS

Ref: (a) OPNAVNOTE 5450 Ser 09B22/0U507357 of 29 Jun 2000 (NOTAL)
(b) OPNAVNOTE 5450 Ser 09B22/9U510806 of 28 Sep 1989 (NOTAL)
(c) OPNAVNOTE 5450 Ser 09B22/lU509810 of 10 Jan 1991 (NOTAL)
(d) OPNAVINST 5450.171C (NOTAL)
(e) OPNAVINST 5450.169D (NOTAL)

Encl: (1) Abbreviations
(2) Mission and Functions of the Navy Environmental Health Center, Norfolk, VA
(3) Mission and Functions of Navy Environmental and Preventive Medicine Units
(4) Mission, Functions, and Tasks of Navy Drug Screening Laboratories
(5) Mission and Functions of Navy Disease Vector Ecology and Control Centers
(6) Assignment of Command and Control

1. Purpose. To publish functions and tasks of the subject activities, in support of the missions assigned by references (a) through (e). See enclosure (1) for abbreviations.

2. Cancellation. BUMEDINST 5450.157.

3. Action. Addressees must:

a. Ensure performance of the specific missions, functions, and tasks assigned in enclosures (2) through (5).

b. Exercise command and control over the subordinate activities listed in enclosure (6), as identified by references (b) and (c).

c. Advise the Chief, Bureau of Medicine and Surgery (BUMED) of any recommended modifications to enclosures (2) through (6), via the chain of command, per references (d) and (e).

D. C. ARTHUR
Deputy

Distribution:
(See next page)

Distribution: (continued)

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Available at: http://navymedicine.med.navy.mil/instructions/external/external.htm

ABBREVIATIONS

AFIP	Armed Forces Institute of Pathology
BUMED	Bureau of Medicine and Surgery
CBRE	Chemical, Biological, Radiological and Environmental
CBRE-D	CBRE-Defense
CIHL	Consolidated Industrial Hygiene Laboratory
CNO	Chief of Naval Operations
DTF	Dental Treatment Facility
DOD	Department of Defense
DMS	Deployment Medical Surveillance
FD-PMU	Forward Deployable-Preventive Medicine Unit
HMIS	Hazardous Material Information System
HP	Health Promotion
ISSA	Interservice Support Agreement
MOU	Memoranda of Understanding
MTF	Medical Treatment Facility
NAVDISVECTECOLCONCEN	Navy Disease Vector Ecology and Control Center
NAVDRUGLAB	Navy Drug Screening Laboratories
NAVENPVNTMEDU	Navy Environmental and Preventive Medicine Unit
NAVENVIRHLTHCEN	Navy Environmental Health Center
NAVOSH	Navy Occupational Safety and Health
NIDA	National Institute on Drug Abuse
OH	Occupational Health
PM	Preventive Medicine
SOP	Standard Operating Procedures
TQL	Total Quality Leadership

MISSION AND FUNCTIONS OF THE NAVY ENVIRONMENTAL HEALTH CENTER, NORFOLK, VA

1. Purpose. To publish the functions of the Navy Environmental Health Center (NAVENVIRHLTHCEN), in support of the mission assigned by OPNAVNOTE 5450 Ser 09B22/0U507357 of 29 June 2000.

2. Mission. To coordinate and provide centralized support and services to medical activities, afloat and ashore, in areas of occupational health, environmental health, preventive medicine, health promotion (HP), population health, deployment medical surveillance, including chemical, biological, radiological, and environmental defense (CBRE-D), and drug screening, and perform such other functions and tasks as directed by higher authority.

3. Status and Command Relationships. NAVENVIRHLTHCEN is a shore activity in an active (fully operational) status under a commanding officer.

a. Echelon of Command:

1 - Chief of Naval Operations

2 - Chief, Bureau of Medicine and Surgery

3 - Commanding Officer, Navy Environmental Health Center

b. Area/Regional Coordination Authority:

(1) Area: Commander in Chief, U.S. Atlantic Fleet

(2) Regional: Commander, Navy Region, Mid-Atlantic, Norfolk, VA

4. Functions

a. Develops, implements, monitors, and evaluates occupational health and safety, preventive medicine, HP, population health, deployment medical surveillance, and drug screening programs as directed by BUMED.

b. Provides technical and professional consultative support and assistance to activities responsible for identifying, evaluating, monitoring, and correcting health hazards.

c. Tasks and organizes contingency preventive medicine and forward deployed-preventive medicine units (FD-PMU).

d. Establishes and maintains a technical reference capability for above functions.

e. Provides technical support to the Medical Inspector General, in the Navy Occupational Safety and Health (NAVOSH) program reviews, as directed.

f. Monitors correction of NAVOSH program deficiencies identified by the Naval Inspector General and Medical Inspector General.

g. Identifies, coordinates, develops, and reviews training programs in above functions under policy direction of BUMED (MED-05).

h. Conducts an annual occupational health and preventive medicine workshop.

i. Provides occupational safety and health program technical assistance to BUMED claimancy 18 activities.

j. Operates and maintains mandated military and command administrative programs, as required by higher authority.

k. Establish an MOU and maintain a mutually supporting relationship with Headquarters, Marine Corps, Manpower and Reserve Affairs (M&RA), and Personal and Family Readiness Division (MR) in its role as resource manager for Marine Corps health promotion and Semper Fit programs.

MISSION AND FUNCTIONS OF NAVY ENVIRONMENTAL AND PREVENTIVE MEDICINE UNITS

1. Purpose. To publish the functions of the Navy Environmental and Preventive Medicine Units (NAVENPVNTMEDU) in support of the mission assigned by OPNAVNOTE 5450 Ser 09B22/0U507357 of 29 June 2000.

2. Mission. To provide specialized consultation, advice, and recommendations in matters of occupational health, HP, preventive medicine, environmental health, and deployment medical surveillance, including CBRE-D, to Unified, Navy, and Marine Corps component commanders, naval shore activities, and fleet units of the operational forces in the areas assigned, and to perform such other functions and tasks in the areas assigned, as directed by higher authority.

3. Status and Command Relationships. The NAVENPVNTMEDUs are shore activities in an active (fully operational) status under officers in charge.

a. Echelon of Command:

1 – Chief of Naval Operations

2 – Chief, Bureau of Medicine and Surgery

3 – Commanding Officer, Navy Environmental Health Center

4 – Officer in Charge, Navy Environmental and Preventive Medicine Unit No. 2, Norfolk, VA

4 – Officer in Charge, Navy Environmental and Preventive Medicine Unit No. 5, San Diego, CA

4 – Officer in Charge, Navy Environmental and Preventive Medicine Unit No. 6, Pearl Harbor, HI

4 – Officer in Charge, U.S. Navy Environmental and Preventive Medicine Unit No. 7, Sigonella, Italy

b. Area/Regional Coordination Authority:

(1) NAVENPVNTMEDU No. 2, Norfolk, VA

(a) Area: Commander in Chief, U.S. Atlantic Fleet

(b) Regional: Commander, Navy Region, Mid-Atlantic, Norfolk, VA

(2) NAVENPVNTMEDU No. 5, San Diego, CA

(a) Area: Commander in Chief, U.S. Pacific Fleet

(b) Regional: Commander, Navy Region, Southwest, San Diego, CA

(3) NAVENPVNTMEDU No. 6, Pearl Harbor, HI

(a) Area: Commander in Chief, U.S. Pacific Fleet

(b) Regional: Commander, Navy Region, Pearl Harbor, HI

(4) NAVENPVNTMEDU No. 7, Sigonella, Italy

(a) Area: Commander in Chief, U.S. Naval Forces, Europe

(b) Regional: Commander, Fleet Air, Mediterranean

c. Geographical Area of Responsibility:

(1) NAVENPVNTMEDU No. 2, Norfolk, VA

100 W longitude east to 20 W longitude, including Iceland

(2) NAVENPVNTMEDU No. 5, San Diego, CA

100 W longitude west to 150 W longitude, including Alaska

(3) NAVENPVNTMEDU No. 6, Pearl Harbor, HI

150 W longitude west to 70 E longitude, except Alaska

(4) NAVENPVNTMEDU No. 7, Sigonella, Italy

70 E longitude west to 20 W longitude, except Iceland

4. Functions

a. Provide technical assistance, guidance, and training to enable individual commands to recognize and eliminate existing or potential conditions hazardous to personnel or to the work environment.

b. Develop and maintain the readiness of personnel, equipment, and supplies required to perform deployment medical surveillance or other deployments to support disaster relief operations and military contingencies, including CBRE-D.

c. Undertake shipboard surveys and projects necessary to enhance operational readiness and to maintain a level of knowledge essential to providing expert relevant training, and concerning OH and PM programs aboard ships and at shore activities.

d. Provide specialized OH, PM, HP, and CBRE-D assistance and training beyond the technical expertise of the cognizant MTF when requested by individual commands.

e. Visit ships, shore stations, bases, and other operational areas upon request or as directed to identify conditions affecting health and provide appropriate guidance for their control.

f. Conduct area-wide surveillance for military significant diseases which could affect Navy and Marine Corps personnel. Provide infectious disease and environmental health risk assessments.

g. Collect, analyze, and provide information to commands on disease hazards, and make recommendations for prevention and control.

h. Conduct or coordinate specialized evaluations or investigations of disease outbreaks, environmental or occupational health hazards, and other specific disease or injury problems, upon request or when directed.

i. Provide advice on current requirements or recommendations concerning immunizations or chemoprophylaxis and assist with mass immunization when requested.

j. Provide or arrange laboratory services to support epidemiological, investigations or special studies involving infectious agents, disease vectors, or occupational health hazards.

k. Provide specialized qualitative and quantitative analysis of samples to support health surveillance assessments of potential physical and biological hazards.

l. Provide specialized industrial hygiene consultation and assistance to fleet units and shore activities.

m. Issue permits and labels for transporting etiological agents following United States Public Health Service requirements.

n. Provide assistance, advice, and training on pest management procedures and disease vector surveillance and control operations; exercise technical review of requisitions for nonstandard and controlled issue pesticides and equipment intended for shipboard use.

o. Perform quarantine inspections, and issue deratting and deratting exemption certificates when requested.

p. Maintain liaison with Marine Corps operating forces medical officers regarding health and safety conditions aboard ships and shore activities.

q. Establish and maintain liaison with Government and civilian agencies as necessary.

r. Inform the Navy Environmental Health Center of any significant health risk of Navy-wide importance, affecting policy decisions by higher authority, or requiring research initiatives. Navy Environmental Health Center will apprise BUMED of such health risks for dissemination as appropriate.

s. Serve as an effective instrument of United States foreign policy by initiating and continuing civic action programs and providing specialized support to Unified, Navy, and Marine Corps component commanders which promote positive relations between the command and foreign nationals and which assist individual naval personnel and their families to work effectively, live with dignity and satisfaction, and function as representatives of the Navy and the United States while overseas.

t. Operate and maintain mandated military programs as required by higher authority.

u. Operate and maintain mandated command administrative programs as required by higher authority.

v. Establish supporting liaison with Marine Corps bases in their AOR, coordinating health promotion and prevention efforts with USMC Marine Corps Community Services (MCCS).

MISSION, FUNCTIONS, AND TASKS OF NAVY DRUG SCREENING LABORATORIES

1. Purpose. To publish the functions and tasks of Navy Drug Screening Laboratories (NAVDRUGLAB), in support of the mission assigned by OPNAVNOTE 5450 Ser 09B22/0U507357 of 29 June 2000.

2. Mission. To provide accurate and legally defensible drug testing and to perform other functions and tasks as directed by higher authority.

3. Status and Command Relationships. NAVDRUGLABs are shore activities in an active (fully operational) status under commanding officers.

a. Echelon of Command:

1 – Chief of Naval Operations

2 – Chief, Bureau of Medicine and Surgery

3 – Commanding Officer, Navy Environmental Health Center

4 – Commanding Officer, Navy Drug Screening Laboratory, Great Lakes, IL

4 – Commanding Officer, Navy Drug Screening Laboratory, Jacksonville, FL

4 – Commanding Officer, Navy Drug Screening Laboratory, San Diego, CA

b. Area/Regional Coordination Authority:

(1) NAVDRUGLAB Great Lakes, IL

(a) Area: Chief of Naval Education and Training

(b) Regional: Commander, Naval Training Center, Great Lakes, IL

(2) NAVDRUGLAB Jacksonville, FL

(a) Area: Commander in Chief, U.S. Atlantic Fleet

(b) Regional: Commander, Naval Region Southeast, Jacksonville, FL

(3) NAVDRUGLAB San Diego, CA

(a) Area: Commander in Chief, U.S. Pacific Fleet

(b) Regional: Commander, Naval Base, San Diego, CA

4. Functions

a. Operate a professional forensic, analytical laboratory to perform chemical analyses of urine specimens in compliance with the NAVDRUGLAB SOP Manual and other directives from higher authority.

b. Receive and access, in compliance with strict chain-of-custody procedures, urine specimens from DOD military and civilian personnel.

c. Perform initial and confirmatory chemical analyses, by approved and certified scientific methods, on all urine specimens submitted to the laboratory to determine the presence or absence of specific drugs or substances of abuse.

d. Conduct administrative quality assurance and technical quality control programs in compliance with the NAVDRUGLAB SOP Manual and policies of the AFIP and, when directed, the SAMHSA.

e. Provide reports of test results for all urine specimens processed by the laboratory to responsible commands.

f. Develop and maintain record systems containing information on all urine specimens processed in the laboratory and provide documentation, as requested, for use in legal or administrative hearings or proceedings.

g. Provide Navy military and civilian forensic toxicology experts for consultation and testimony, at legal or administrative hearings or proceedings in military or civilian courts of law regarding technical and administrative procedures used to perform chemical analyses of urine specimens for drugs of abuse.

h. Develop, implement, and evaluate administrative and logistical plans and programs in compliance with existing directives.

i. Execute MOUs and ISSAs for purposes of mutual education, training, security, safety, and support services.

j. Establish and maintain direct liaison with commands receiving services from the laboratory to promote consumer satisfaction.

k. Maintain liaison with and provide Navy representation to various boards, committees, groups, and organizations of a military, governmental, commercial, scientific, or professional nature regarding the Navy urinalysis-testing program.

l. Provide technical and administrative training and certification programs for all military and civilian personnel assigned to the laboratory in compliance with the NAVDRUGLAB SOP Manual and other applicable directives.

m. Conduct selective rotation of military and civilian personnel for education, training, and promotion purposes and to achieve more efficient use of personnel resources.

n. Develop and evaluate testing protocols for the detection and confirmation of drugs and substances of abuse.

o. Operate and maintain mandated military programs as required by higher authority.

p. Operate and maintain mandated command administrative programs as required by higher authority.

5. Tasks

a. Receive and process, within the required customer specific turnaround time, urine samples from DOD military and civilian customers.

b. Forward monthly productivity reports to the NAVENVHLTHCEN, per the NAVDRUGLAB SOP Manual.

c. Perform assigned tasks and any other tasks directed by higher authority during and after a period of mobilization declared by congressional or Presidential authority in response to a national security emergency.

MISSION AND FUNCTIONS OF NAVY DISEASE VECTOR ECOLOGY AND CONTROL CENTERS

1. Purpose. To publish functions of the Navy Disease Vector Ecology and Control Centers (NAVDISVECTECOLCONCEN), in support of the mission assigned by OPNAVNOTE 5450 Ser 09B26/313234 of 13 March 1981.

2. Mission. To provide technical and specialized services in the fields of vector prevention and control.

3. Status and Command Relationships. The NAVDISVECTECOLCONCENs are shore activities in an active (fully operational) status under officers in charge.

a. Echelon of Command:

1 - Chief of Naval Operations

2 - Chief, Bureau of Medicine and Surgery

3 - Commanding Officer, Navy Environmental Health Center

4 - Officer in Charge, Navy Disease Vector Ecology and Control Center, Bangor, WA

4 - Officer in Charge, Navy Disease Vector Ecology and Control Center, Jacksonville, FL

b. Area/Regional Coordination Authority:

(1) NAVDISVECTECOLCONCEN Bangor, WA

(a) Area: Commander in Chief, U.S. Pacific Fleet

(b) Regional: Commander, Naval Submarine Base, Bangor, WA

(2) NAVDISVECTECOLCONCEN Jacksonville, FL

(a) Area: Commander in Chief, U.S. Atlantic Fleet

(b) Regional: Commander Naval Region Southeast, Jacksonville, FL

(c) Geographical Area of Responsibility:

1. NAVDISVECTECOLCONCEN Bangor, WA

100 E longitude west to 70 E longitude

2. NAVDISVECTECOLCONCEN Jacksonville, FL

70 E longitude west to 100 W longitude

4. Functions

a. Accomplish annual surveys of ships, stations, bases, and other pertinent operational areas to recognize, define, and prevent or abate pest and disease vector problems.

b. Provide specialized area-wide operational services which include identifying suspected entomological vector agents of biological warfare, vector-borne disease assessments, and disease vector control where accomplishment is normally beyond the scope of the individual commands.

c. As designated DOD training centers, provide basic, advanced, refresher, and contingency training for military and civilian personnel in integrated pest management and disease vector ecology and control. NAVDISVECTECOLCONCEN Bangor has the additional functions of providing DOD pesticide application certification, rodent inspection certification, and vector control training as part of the preventive medicine technician course.

d. Provide emergency vector surveillance and control in the event of disasters or other contingencies.

e. Review requisitions for nonstandard and controlled issue pesticides and equipment intended for use aboard ship.

f. Conduct field and laboratory testing and evaluation studies in vector ecology, surveillance, prevention, and control, including ground and aerial dispersal methods for contingency operations and ecological hazards of pesticide use when authorized.

(1) NAVDISVECTECOLCONCEN Bangor is program manager for all entomological studies conducted in support of the fleet.

(2) NAVDISVECTECOLCONCEN Jacksonville is program manager of all entomological studies conducted in support of Marine Corps operating forces and their supporting establishment.

g. Act as agency representative to the Armed Forces Pest Management Board, and participate in testing and evaluating pest management equipment before its approval and acquisition by DOD.

h. Act as entomological intelligence reference centers for collecting and interpreting information on occurrence of vectorborne diseases in NAVDISVECTECOLCONCEN's area of responsibility.

i. Maintain liaison with Government and civil agencies as necessary for accomplishment of the mission.

j. Operate and maintain military programs as required by higher authority.

k. Operate and maintain command administrative programs as required by higher authority.

ASSIGNMENT OF COMMAND AND CONTROL

Echelon

1 – Chief of Naval Operations

2 – Chief, Bureau of Medicine and Surgery

3 – Commanding Officer, Navy Environmental Health Center

4 – Officer in Charge, Navy Environmental Health Center Detachment, Naval Dosimetry Center, Bethesda, MD

4 – Officer in Charge, Navy Disease Vector Ecology and Control Center, Bangor, WA

4 – Officer in Charge, Navy Disease Vector Ecology and Control Center, Jacksonville, FL

4 – Officer in Charge, Navy Environmental and Preventive Medicine Unit No. 2, Norfolk, VA

4 – Officer in Charge, Navy Environmental and Preventive Medicine Unit No. 5, San Diego, CA

4 – Officer in Charge, Navy Environmental and Preventive Medicine Unit No. 6, Pearl Harbor, HI

4 – Officer in Charge, U.S. Navy Environmental and Preventive Medicine Unit No. 7, Sigonella, Italy

4 – Commanding Officer, Navy Drug Screening Laboratory, Great Lakes, IL

4 – Commanding Officer, Navy Drug Screening Laboratory, Jacksonville, FL

4 – Commanding Officer, Navy Drug Screening Laboratory, San Diego, CA