



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350

IN REPLY REFER TO
OPNAVINST 5450.198A
OP-446

29 JUN 1984

OPNAV INSTRUCTION 5450.198A

From: Chief of Naval Operations

Subj: NAVAL UNDERWATER CONSTRUCTION TEAMS (UCTs); DOCTRINE AND
POLICY GOVERNING

Ref: (a) OPNAVINST 3501.115A
(b) OPNAVINST 9940.1F
(c) OPNAV 41P3
(d) OPNAVINST 5450.46G
(e) NAVMATINST 8300.1A

Encl: (1) Procedures for submission of UCT Employment Plans

1. Purpose. To promulgate basic doctrine and policy governing the employment, deployment, and readiness of the Naval Underwater Construction Teams (UCTs).

2. Cancellation. OPNAVINST 5450.198.

3. Mission. The UCTs are units of the Naval operating forces and components of the Naval Construction Force (NCF). The mission of the UCTs is to provide a responsive military capability for the construction, inspection, and repair of ocean facilities in support of Navy and Marine Corps operations. An ocean facility is defined as a fixed harbor or ocean structure located on or in the ocean or seafloor, including all support systems associated with the basic structure. Detailed Projected Operational Environments (POEs) and Required Operational Capabilities (ROCs) for UCTs are described in reference (a). In accomplishing their assigned mission, the UCTs will:

(R)

a. Accomplish project planning, construction engineering, and site surveys; develop material requirements; and conduct diving operations to carry out the construction, repair, and inspection of ocean facilities.

(R)

b. Serve as the construction agent for the installation, inspection, maintenance, and repair of undersea range facilities and inshore cables for undersea surveillance systems.

(R)

c. Support other NCF units including Amphibious Construction Battalions on projects that include construction, inspection, or repair to waterfront and Sealift Support facilities.

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R) d. Assist in the test and evaluation of new underwater construction equipment and ocean facility structures and components.

R) e. When assigned by fleet commanders accomplish additional ocean construction projects for other naval commands, laboratories, and offices. Support to other Armed Forces or U.S. government agencies must be approved by CNO.

R) 4. Concept of Operations. The UCTs will provide responsive ocean construction support at naval facilities in forward areas or in combat zones to which Navy and/or Marine Corps forces are committed. The UCTs may operate as independent units or with augment construction capability, as required, from the appropriate Naval Construction Force Unit or other fleet assets. Operational control shall be exercised through a designated NCF commander. When supporting other NCF units, the UCTs shall normally be under operational control of the senior area NCF commander. UCTs may, however, be assigned specific projects and employed in the proximity of other NCF units without operational control being delegated to the area NCF commander. UCT warfare missions will be limited to those cases where defense is possible for a platoon or smaller group with individual weapons only. In all other cases, UCT's will either marry to or depend upon another larger contiguous force, such as a Naval Mobile Construction Battalion (NMCB), for defensive operations. UCTs shall conduct diving operations in accordance with reference (b).

5. Readiness

R) a. Operational Readiness" UCTs shall be capable of rendering responsive ocean construction support to Naval, Marine Corps, and other forces. Augmentation, as necessary, shall be provided by the area commanders. UCTs shall maintain the capability to repair battle damage to ocean and waterfront facilities during wartime. They shall also be capable of providing underwater construction support to other fleet units, such as Naval Beach Groups and Harbor Defense Groups, during initial periods of contingency mobilization where the organic capability of these groups may not be adequate to meet mission requirements. UCTs shall utilize the Ocean Construction Equipment Inventory (OCEI) and fleet deep submergence and salvage systems or assets such as contained in the Emergency Ship Salvage Material (ESSM) pool whenever feasible to meet mission requirements. Each UCT shall be capable of deploying or redeploying with their organic allowance (in each of the configurations discussed below) within the designated timeframes. These timeframes reflect UCT capabilities, without application of possible port facility or lift availability constraints.

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(1) During peacetime, UCTs shall respond to the emergency inspection and repair of essential fleet undersea surveillance systems within 48 hours. (R)

(2) UCTs shall be capable of being organizationally deployed from homeport or redeployed from a deployment site with organic allowance, by sealift, within a maximum of 6 days to meet urgent Navy underwater construction needs. During the first 30 days after return to homeport, UCTs shall be capable of being organizationally deployed with organic allowances by sealift within a maximum of 10 days. (R)

(3) Each UCT shall be capable of deploying a tailored air detachment of approximately 15 personnel with air-liftable supplies and equipment within 48 hours of a request to provide underwater construction support for contingency operations. Two additional air detachments of approximately 15 personnel each, tailored to meet specific mission requirements, shall be capable of deploying within 6 days of request. If required, the remaining personnel and equipment will be prepared and staged for subsequent movement to port facilities for sealift prior to departure of the last air detachment. (A)

b. Material Readiness

(1) The organic UCT Table of Allowance (TOA) is capable of sustaining for 90 days, without resupply, ocean facility construction operations planned or envisioned under contingency or general war conditions. The necessary construction materials to support these operations are, however, the responsibility of the area commander or project sponsor requesting construction diver assets. (R)

(2) The UCT air detachment will include a 30 day supply of special lubricants, individual weapons, and a 15 day supply of ammunition. All additional support will be provided by a Naval Mobile Construction Battalion (NMCB), a Naval Construction Force Support Unit (NCFSU), or by the area commander. (A)

(3) The approved organic allowance for each UCT is assigned to the custody of the appropriate Commander in Chief, U.S. Atlantic or Pacific Fleet, and may be utilized for peacetime employment of the UCTs for training and maintaining readiness. The TOA may be augmented with additional fleet assets, or by requesting assets assigned to components of the Naval Material Command. Allowances are to be maintained in a continuing state of readiness to meet employment requirements set forth herein. (R)

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Portions of the organic allowances not required during peacetime may be prepositioned, but shall be in a condition ready for utilization within the readiness criteria.

(4) The Commander, Naval Facilities Engineering Command (COMNAVFACENGCOM) shall budget for, procure and maintain an inventory of specialized ocean construction equipment and facility components responsive to major fleet and Navy ocean facility construction and repair requirements. This Ocean Construction Equipment Inventory (OCEI) is managed by the Commanding Officer, Chesapeake Divison, Naval Facilities Engineering Command, who is responsible for equipment procurement, storage, utilization, and maintenance. Provision of or funding for construction materials, special tools, or equipment not contained in either the NCF inventory or OCEI, but required for underwater construction projects, is the responsibility of the project sponsor and shall be coordinated by the area commander or designated agents. (R)

6. Peacetime Employment and Deployment

a. Peacetime employment of the UCTs requires definitive planning. The primary consideration in planning peacetime employment of the UCTs is readiness training. Planning and training with other operating units, including Marine and Amphibious Forces, will be accomplished when possible. The secondary consideration in planning peacetime employment is operational underwater construction for fleet commands. (R)

b. Use of UCTs to provide underwater construction support of Navy underwater systems and components under development by Navy laboratories is encouraged to provide the NCF with advance experience on future fleet ocean facility construction requirements. In other respects, UCT employment should conform to the policy stated in reference (d). (R)

c. UCTs may be deployed to any area, irrespective of specific fleet assignments, subject to coordination by fleet CINCs. Optimum peacetime deployment of UCTs is on a six-months-deployed, six-months-homeport rotational cycle. Modifications of the deployment/homeport rotational cycle during peacetime require approval of the appropriate fleet commander. The generally more favorable weather conditions in the northern hemisphere from April through September dictate that timeframe as the normal deployment period. (R)

d. Under conditions of emergency, disaster, or catastrophe, UCTs may be utilized as directed by cognizant military authority. Employment shall conform to the policy stated in reference (d). (R)

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e. Projects within the United States, except for underwater inspection and projects in the immediate UCT homeport area, require specific approval of the Chief of Naval Operations. Other requests for employment of the UCTs in situations not covered by the foregoing are to be submitted to the Chief of Naval Operations for consideration. (R)

7. Peacetime Deployment Scheduling and Employment Planning. Commands requiring underwater construction, inspection, and repair shall identify project requirements to the appropriate fleet commander with copies to Commanders Naval Construction Battalions, U. S. Atlantic and Pacific Fleets (COMCBLANT/PAC). Project sponsors shall fund those costs directly associated with or attributable to project accomplishment. In accordance with the guidelines set forth in reference (d) and enclosure (1) of this instruction, the Commanders in Chief, U.S. Atlantic and Pacific Fleets, and U.S. Naval Forces, Europe shall request nomination of underwater construction projects in sufficient time to receive responses from fleet activities not later than 1 October annually. Request for project accomplishment by the UCTs shall be coordinated through fleet commands and subordinate commands, major claimants and echelon 2 commanders, Systems Commandant of the Marine Corps, and Chief of Naval Research. Fleet Commanders in Chief shall approve appropriate projects for UCT accomplishment. Projects requiring CNO approval, as defined in paragraph 6e, shall be described in accordance with the guidelines established in enclosure (1), and should additionally address the following considerations: (R)

a. The project should contribute to: (1) the attaining/maintaining of technical proficiency, and (2) the training of the unit for performance of its wartime mission. (R)

b. Describe any unique project requirements that may be satisfied by the intrinsic capabilities of the UCTs. Comment on availability of those skills in the local construction industry. (A)

c. Security clearance requirements for project accomplishment, when applicable, should be addressed. (A)

d. The potential effects of the project on the local environment should be assessed to ensure strict compliance with local, state, and federal environmental regulations. (A)

Project requests shall be forwarded to the CNO (OP-44) by the cognizant fleet commander, with a copy to COMNAVFACENGCOM.

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8. Responsibility

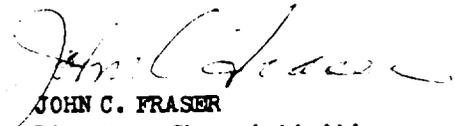
R) a. The Chief of Naval Operations establishes objectives; issues planning guidance; approves projects; approves deployment schedules; coordinates TOA and other support equipment requirements, and approves TOA (except as otherwise set forth in reference (e)).

R) b. The Commanders in Chief, U.S. Atlantic and Pacific Fleets (CINCLANTFLT/CINCPACFLT) maintain readiness; coordinate transportation, logistic and equipment support; approve UCT project workload; review projects; promulgate and update the annual employment plan; recommend revisions to the UCT TOA and review final annual revision prior to issuance; provide funding for UCT operations and maintenance.

R) c. The Commander in Chief, U.S. Naval Forces, Europe (CINCUSNAVEUR) submits proposed UCT employment plans; ensures that UCT employment and utilization in the European area conform with established policies; reviews other major requirements and procedures for logistic support of UCTs.

R) d. The Commander, Naval Facilities Engineering Command, as the Chief of Civil Engineers and technical advisor to the Chief of Naval Operations on all matters relating to the Naval Construction Force, develops and maintains the UCT Table of Allowance (provides initial outfitting and Civil Engineer Support Equipment (CESE) replacement funding) and an inventory of specialized ocean construction equipment and facility components; and provides design support for repair and construction of ocean facilities.

A) e. Project Sponsors submit proposed projects through CINCLANTFLT, CINCPACFLT or CINCUSNAVEUR as appropriate; provide design/funding through NAVFACENGCOM; provide funding for travel/per diem, material, special equipment and all costs directly associated with the projects through CINCLANTFLT, CINCPACFLT or CINCUSNAVEUR, and the UCTs as appropriate.


JOHN C. FRASER
Director, Shore Activities
Planning and Programming Division

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5801 Tabor Avenue
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PROCEDURES FOR SUBMISSION OF UCT EMPLOYMENT PLANS

1. Guidelines. By 15 November each year, the Commanders in Chief, U.S. Atlantic and Pacific Fleets and U.S. Naval Forces, Europe shall submit to the Chief of Naval Operations, with a copy to the Commander, Naval Facilities Engineering Command, their analyses of the two and one-half year NCF Employment Plans proposed for UCT accomplishment in their respective areas. Included in this planning document are projects involving the construction, inspection, and repair of ocean facilities that are anticipated for assignment to the UCTs. The Seabee diver employment tasking shall be predicated on that year's CNO guidance letter and its directed priorities. Submissions will be based on the construction projects tasked for accomplishment in the next two fiscal years. Also included will be a list of additional projects that would be accomplished in the same timeframe if additional UCT assets were provided into the area. Submittal's shall follow policy guidance promulgated in reference (d), and shall include the information described below. Fleet commanders shall ensure that project nominations for UCT accomplishment be submitted by fleet units and activities under their cognizance by 1 October of each year. Proposed projects shall be submitted to CINCLANTFLT/CINCPACFLT or CINCUSNAVEUR, with copies to COMCBLANT/PAC and the UCTs, as relevant.

2. Graphical Representation of Employment Planning Progress.

JUN JUL AUG SEP OCT NOV DEC JAN

0 Prior to 15 DEC CNO
promulgates UCT
Plan and Schedule

0 15 NOV Area Commander
Proposed UCT Plan Due to CNO

0 1 OCT Deadline for UCT Projects From
Major Claimants

0 JUN CNO UCT Guidance Issued

3. Information Required. Projects shall be listed in order of the Area Commander's overall priorities in accordance with the following two-character priority system.

Enclosure (1)

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a. The first character will be numeric to indicate the Area Commander's priority of each project within the total UCT construction program submitted. The most urgent project will be designated as priority 1 and all other projects, including the additional projects mentioned earlier, will be numbered sequentially.

b. The second character will be alphabetic to indicate the project's funding status and planned construction start date and will be used as a simple coding symbol to categorize and summarize projects. The appropriate character, selected from the following chart, will be assigned independently of the numerical priority: "B" projects, for example, need not necessarily be higher in numerical priority than "C" or "D" projects.

PROJECT FUNDING AND CONSTRUCTION STATUS

FUNDING		PLANNED CONSTRUCTION START (1)			
YEAR (1)	STATUS	UNDERWAY	FY	FY+1	FY+2
FY&Prior	Funded	A	A	B	C
FY	Committed (2)	//////////	A	B	C
FY+1	Committed (2)	//////////	A	B	C
FY+1	Programmed (3)	//////////	////	D	D
FY+2	Programmed (3)	//////////	////	D	D
Additional Projects		//////////	////	E	E

NOTES: (1) "FY" is the current Fiscal Year at the time of submission; "FY+1" is the planned Fiscal Year (fiscal year following "FY"); "FY+2" is the projected Fiscal Year (fiscal year following "FY+1").
 (2) Major Claimant has committed himself without qualification to funding a particular project.
 (3) Major Claimant has committed himself without qualification to fund design in current FY.

c. Project List. List projects (including the additional projects) in the format of page 4. Information required under each column is described below:

Enclosure (1)

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(1) PRI: Alpha numeric priority described in the paragraph 1 guidelines.

(2) PROJECT TITLE/DESCRIPTION: Project number, title, and a brief description of project.

(3) ACTIVITY

LOCATION

DEPLOY SITE: Activity and location of the project deployment site.

(4) MANDAY

EST: Estimated direct mandays remaining to complete the project. If the construction period will span two or more fiscal years, indicate the mandays scheduled in each fiscal year. Indicate mandays to accomplish project beyond FY+2 in REMARKS.

(5) COST

EST

(\$000): Estimated funded project cost. Indicate total project cost from start to completion of project; explain multi-year funding in REMARKS.

(6) DESIGN

AGENT

COMPL: Design agent and estimated design completion date.

(7) CONST

START

COMPL: Planned dates (month and year) for the construction start and completion.

(8) CAT CODE

TYPE CON

Enclosure (1)

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CNO PROG: DOD category code of the primary facility within the project; type of construction (1-New construction; 2-Alteration, Addition, Replacement; 3-Repair; or 4-Maintenance; 5-Inspection); CNO program (in accordance with annual CNO planning guidance).

(9) FUND

SOURCE: Sponsor, fiscal year and appropriation.

(10) REMARKS: Remarks, as necessary, should be included to amplify column entries or to provide additional information.

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SAMPLE

PROJECT LOCATION: VARIOUS

SUPPORT DEPLOYMENT SITE: UCT 2

<u>PROJECT TITLE/DESCRIPTION</u>	<u>ACTIVITY LOCATION DEPLOY SITE</u>	<u>MANDAY EST</u>	<u>COST EST (\$000)</u>	<u>DESIGN AGENT COMPL</u>	<u>CONST START COMPL</u>	<u>CAT CODE TYPE CON CNO PROG</u>	<u>FUND SOURCE</u>	<u>REMARKS</u>
1A <u>SHORE INSTALLATION</u> Classified.	NAVFAC CONUS CALIFORNIA	360 (83)	19	NAFAC COMPL	7/83 7/83	371-20 1 B	NAVFAC FY-83 O&MN	Ct3-728
2A <u>ARTIC WEST</u> Classified	CONUS ALASKA	150 (83) (84) (85)	15	N/A N/A	7/83 7/83	390-20 4 B	NAVOSYCOM FY-83 O&MN	AL3-713
3A <u>CABLE LANDING & REPAIR</u> Land two cables and stabilize	PACMR HAWAII HAWAII	1080 (83) (84) (85)	30	NAFAC COMPL	4/83 4/83	179-2 1 B	NAVFAC FY-83 O&MN	HW3-718
4A <u>PIER INSPECTION</u> Underwater inspection of all waterfront facilities	NAVSTA PEARL HARBOR PEARL HARBOR	150 (83) (84) (85)	8	N/A	5/83 5/83	151-20 5 B	NAVFAC FY-83 O&MN	HW3-719