



DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND  
WASHINGTON, D.C. 20362-5101

IN REPLY REFER TO

NAVSEAINST 5450.67  
OPR 09DX  
8 May 92

NAVSEA INSTRUCTION 5450.67

From: Commander, Naval Sea System Command

Subj: MISSION AND FUNCTIONS OF THE NAVAL UNDERSEA WARFARE  
CENTER (NUWC), WASHINGTON, DC

Ref: (a) SECNAV memo of 12 Apr 91; Subj: Research,  
Development, Test and Evaluation, Engineering and  
Fleet Support Activities Consolidation  
(b) UNSECNAV memo of 24 Jul 91; Subj: Research,  
Development, Test and Evaluation, Engineering and  
Fleet Support Activities Consolidation Plan  
(c) OPNAV Notice 5450 Ser 09B22/1U510577 of 23 Dec 91

Encl: (1) Charter for the Naval Undersea Warfare Center  
(2) COMNUWC Functions

1. Purpose. To issue the Charter of the Naval Undersea Warfare Center (NUWC) which defines the mission, technical leadership roles, organization and operating relationships, as well as authority, responsibility and accountability of Commander, Naval Undersea Warfare Center.

2. Scope and Applicability. This instruction applies to all organizational elements of the Naval Sea Systems Command (NAVSEA) and those activities listed in table (1), with the exception noted in paragraph 3.

3. Exception. The provisions of this instruction do not apply to Naval Nuclear Propulsion programs nor other acquisition programs under the cognizance of the Deputy Commander for Nuclear Propulsion (SEA 08).

4. Background. Secretary of the Navy, in reference (a), approved the implementation plan to consolidate Navy Research, Development, Test and Evaluation (RDT&E), Engineering and Fleet Support Activities into four Warfare Centers and a Corporate Laboratory. Systems Commanders were directed to develop charters for each of the Centers within their cognizance. They were to develop a plan to disestablish designated organizations while effecting their orderly transfer to the newly formed Centers. Reference (b) authorized continued planning to establish Warfare Centers after 2 January 1992, provided such action did not

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foreclose full, impartial response to Congressional action on Base Closure and Realignment Commission recommendations or to Secretary of Defense decisions based upon DOD Advisory Commission recommendations for defense R&D laboratory consolidation. As approved by reference (c), Naval Undersea Warfare Center (NUWC), reporting to Commander, Naval Sea Systems Command, is comprised of the shore activities listed in Table 1. Where applicable, Commanding Officer billets will not be downgraded to Officers-in-Charge until such time as COMNAVSEASYS COM deems appropriate, based upon reorganization or other downsizing considerations of the shore infra-structure.

Table (1)  
ACTIVITIES COMPRISING THE NAVAL UNDERSEA WARFARE CENTER  
(Former Names)

- |   |   |
|---|---|
| o Naval Underwater Systems Center<br>Newport, RI / New London, CT         | o Naval Undersea Warfare Engineering Station<br>Keyport, WA   |
| o Trident Command and Control Systems Maintenance Activity<br>Newport, RI | o Naval Sea Combat Systems Engineering Station<br>Norfolk, VA |

5. Mission. The mission of the NUWC, as identified in reference (c), is:

To operate the Navy's full spectrum research, development, test and evaluation, engineering, and fleet support center for submarines, autonomous underwater systems, and offensive and defensive weapons systems associated with undersea warfare.

6. Status and Command Relationships. The Naval Undersea Warfare Center is a shore activity in an active status under a Commander reporting directly to the Commander, Naval Sea Systems Command.

a. Command:

Echelon

- 1 Chief of Naval Operations
- 2 Commander, Naval Sea Systems Command
- 3 Commander, Naval Undersea Warfare Center

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b. Area Coordination:

1 Area Coordinator: CINCLANTFLT  
2 Local Coordinator: Commandant, Naval District  
Washington (COMNAVDIST)  
Washington, DC

7. Other Relationships. The Commander, NUWC, is supported by:

a. The Naval Undersea Warfare Center Division, Newport, RI which will provide direct support, as defined in reference (c).

b. The Naval Undersea Warfare Center Division Keyport, WA which will provide direct support, as defined in reference (c).

c. The Naval Sea Systems Command organizational elements which will provide matrix support, as tasked by COMNUWC, and as defined in enclosure (1).

8. Functions. The functions of COMNUWC are contained in enclosure (1) and synopsized in enclosure (2).

9. Action

a. The Command and Staff Management Support Office (SEA 09D) will issue appropriate mission, functions and tasks instructions for affected activities and corresponding NAVSEA organization manual changes to reflect the enclosed charter.

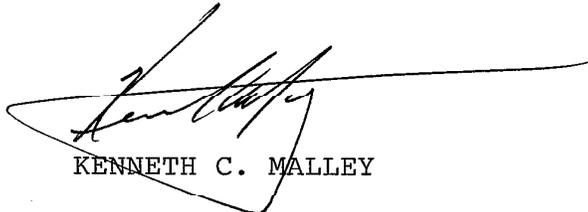
b. NAVSEA Headquarters organizations shall provide requested matrix support to the Naval Undersea Warfare Center Commander as necessary to ensure completion of his assigned mission.

c. Commander, NUWC, will employ appropriate procedures to document, compile and track information concerning NUWC component realignment and closure actions which may be required by NAVSEASYS COM, ASN (RD&A), the Navy Laboratory/Center Coordinating Group, and future Defense Base Closure and Realignment Commissions.

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d. Commander, NUWC, will biennially review the location of Headquarters staff, and brief the results of this review to the Navy Laboratory/Center Oversight Council.



KENNETH C. MALLEY

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DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND  
WASHINGTON, D.C. 20362-5101

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IN REPLY REFER TO

CHARTER FOR THE  
NAVAL UNDERSEA WARFARE CENTER

- Encl: (1) Activities Assigned to the Naval Undersea Warfare Center  
(2) Naval Undersea Warfare Center Organization Chart  
(3) Organizational Relationships

1. Introduction.

a. Purpose. This Charter establishes the mission, technical leadership areas, authority, responsibilities and accountability of Commander, Naval Undersea Warfare Center (COMNUWC), and defines the organization, operating relationships, resources and functional support required to carry out the mission of the Center, including support provided by Naval Sea Systems Command (NAVSEA).

b. Background. The Navy, in order to strengthen and streamline RDT&E management, provide substantial opportunities for efficiencies and cost savings, eliminate duplication of effort, and provide support for Tri-Service effort has approved the consolidation/realignment of the several Navy RDT&E centers and engineering field activities into four Warfare Centers and the (Corporate) Naval Research Laboratory. Each Warfare Center will be responsible for a unique set of technical leadership areas to eliminate unwarranted duplication of effort, and develop centers of technical excellence by concentrating all work and talent for each technical area at one activity. Those activities with missions predominantly in support of undersea warfare, listed in enclosure (1), are to be consolidated into the Naval Undersea Warfare Center (NUWC) under Commander, Naval Sea Systems Command (COMNAVSEASYSKOM).

c. Relationship to Chartering Authority. Commander, NUWC reports to COMNAVSEASYSKOM who is the chartering authority. COMNUWC will operate with a small immediate staff, augmented by support from NAVSEA, Washington and NUWC field components. The Commander, Naval Undersea Warfare Center will be a Flag Officer. The principal deputy will be a civilian senior executive service technical director who is responsible for the coordination, adequacy and quality of technical products of the Center.

2. NUWC Mission, Leadership Areas, Authority, Duties and Responsibilities.

a. Mission. Operate the Navy's full spectrum research, development, test and evaluation, engineering and fleet support Center for submarines, autonomous underwater systems, and offensive and defensive weapons systems associated with Undersea Warfare.

Enclosure (1)

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b. Leadership Areas. NUWC provides the Navy with leadership and expertise in the following technical areas:

- (1) Undersea Warfare Modeling and Analysis
- (2) Submarine Combat and Combat Control Systems
- (3) Surface Ship and Submarine Sonar Systems
- (4) Submarine Electronic Warfare
- (5) Submarine Unique on-board Communication Systems and Communication Nodes
- (6) Submarine Launched Weapons Systems (except strategic ballistic missile systems, cruise missiles and related systems)
- (7) Undersea Ranges
- (8) Submarine Electromagnetic, Electro-optic and Nonacoustic-effects Reconnaissance, Search and Track Systems
- (9) Undersea Vehicle Active and Passive Signatures (except HM&E)
- (10) Submarine Vulnerability and Survivability (except HM&E)
- (11) Torpedoes and Torpedo Countermeasures

c. Changes to the NUWC mission and leadership areas will be coordinated through the Navy Laboratory/Center Coordinating Group (NLCCG) and approved by the Navy Laboratory/Center Oversight Council (NLCOC).

d. Authority, Duties and Responsibilities of the NUWC Commander. Commander NUWC will exercise the authority granted by COMNAVSEASYSKOM in management of the Center. COMNUWC is authorized to directly task appropriate NAVSEA Washington organization elements to obtain matrix support. COMNUWC, under established policies of the Naval Sea Systems Command, has authority to exercise business and technical judgment in coordinating policies directly with other Warfare Center Commanders, other Systems Commands and agencies. As the military leader, COMNUWC will operate within the statutory parameters provided by U.S. Navy Regulations and other appropriate guidelines. Specific authorities and responsibilities of Commander, NUWC include:

- (1) Direct NUWC as the Navy's integrated, full spectrum Center for science and technology, RDT&E, engineering, logistics, maintenance, industrial and Fleet support for all aspects of Naval Undersea Warfare.
- (2) Establish policy and procedures to ensure that work which clearly aligns within NUWC technical leadership areas is assigned and funded directly to the appropriate NUWC field component. In cases where work requirements do not clearly align within NUWC technical leadership areas, COMNUWC will exercise approval and control authority regarding acceptance of that work and funding within the Center.
- (3) Establish and maintain NUWC operational policies and directives, together with strategic and business plans. Assign technical roles and functional responsibilities for NUWC Divisions.
- (4) Establish new technical leadership areas, in coordination with the Navy Laboratory/Center Coordinating Group, when necessary to assure functional purification and focus in support of Undersea Warfare.

Enclosure (1)

(5) Review and concur in Navy Integrated Program Summaries (IPS) or other appropriate program documents in so far as they require support from NUWC. Focus NUWC technical areas of expertise and maintain functional purity to best support program requirements identified in IPS and related planning documents.

(6) Maintain working relationships with Navy Program Executive Officers (PEOs), Direct Reporting Program Managers (DRPMs), NAVSEA Engineering & Platform Deputy Commanders, Program Managers (PMs), Chief, Office of Naval Technology (ONT) and Chief, Office of Naval Research (ONR) to assure:

(a) NUWC business plans and budgets support, where possible, the annual budget submissions of these customers.

(b) Appropriate new, or additional ongoing work, is assigned to NUWC as directed by SECNAV.

(c) A proper balance of work is tasked between the private sector and NUWC to help sustain both the Navy's technical core and its mobilization/surge capability.

(7) Provide executive oversight, final approval authority and resource advocacy for investment strategy, resource requirements, military construction planning, budgets and business plan execution/operation of NUWC.

(8) Discharge assigned technical management responsibilities in a manner consistent with policies and procedures established by the Navy Acquisition Executive, ASN(RD&A).

(9) Evaluate the performance of assigned civilian senior executive service (SES) deputy and Division (SES) executive directors.

(10) Approve assignments of subordinate military officers and exercise fitness report responsibility for NUWC division activity commanders.

3. NUWC Staffing and Organization. The Naval Undersea Warfare Center will be organized by and function under direction of COMNUWC. The organizational structure of NUWC is delineated in enclosure (2).

a. Headquarters (HQ) Component Organizations and Functions. NUWC HQ component includes the Commander; the Technical Director; and a small core staff. COMNAVSEASYS COM will provide necessary matrix support for the execution of certain NUWC command responsibilities as appropriate.

b. Field Organizational Structure and Operating Relationships. NUWC will be composed of two divisions, each with assigned functional and product areas. There will be a military Commander and civilian deputy for each Division, directly responsible to COMNUWC. Subordinate Detachments and facilities, headed by Officers-in-Charge or civilian directors, will report to their respective Division Commanders. A separate facility of NUWC will be established in San Diego, reporting operationally to the Keyport Division with direct access to COMNUWC in matters of Arctic warfare.

4. Operating Relationships. Enclosure (3) depicts top level organizational relationships.

a. COMNAVSEASYSKOM. Commander, NUWC reports directly to COMNAVSEASYSKOM and is responsible for successful completion of the assigned NUWC mission and functions. In discharging this responsibility, COMNUWC interfaces with the various Deputy Commanders/Directors of the Naval Sea Systems Command. Commander, NUWC will initially be physically co-located with COMNAVSEASYSKOM and Commander, Naval Surface Warfare Center.

b. Program Executive Officers (PEO's)/Direct Reporting Program Managers (DRPM's), Engineering & Platform Directorates/Program Managers (PM's). PEO's/DRPM's and Engineering & Platform Directorates/PM's are principal customers of the NUWC. COMNUWC will coordinate and work closely with these customers to ensure their programs receive appropriate support, in terms of quality, schedule and cost. Commander, NUWC will execute memoranda of understanding (MOU's) with these customers, as necessary.

c. Chief of Naval Research (CNR). CNR is responsible for overall management of the Navy Science and Technology (S&T) program, administered by the Office of Naval Research (6.1), the Office of Naval Technology (6.2), and the Office of Advanced Technology (6.3A). Success of the S&T program requires that CNR receive support from the Warfare Centers (especially in the area of 6.2 Block Management), while a vigorous in-house S&T program is essential to the success of each of the Warfare Centers. Accordingly, COMNUWC will maintain effective working relationships with CNR.

d. Chief of Naval Operations/Commandant of the Marine Corps. Chief of Naval Operations (CNO) is responsible for establishing military requirements, conducting test and evaluation, formulating budget and funding plans for SECNAV approval, and for Fleet support. Commandant of the Marine Corps (CMC) performs like functions of the Marine Corps. COMNUWC, under the guidance of COMNAVSEASYSKOM, will be responsive to the CNO/CMC in the exercise of his responsibilities. As shown in enclosure (3), when directed by ASN (RD&A), COMNAVSEASYSKOM will coordinate with CNO/CMC on those aspects of the function of research and development relating to military requirements and operational test and evaluation.

e. ASN(RD&A). The Navy Acquisition Executive, ASN(RD&A), is responsible for Navy research, development and acquisition. COMNAVSEASYSKOM will report directly to the ASN(RD&A) for NUWC matters. COMNUWC, under the guidance of COMNAVSEASYSKOM, when requested will provide the NUWC independent technical recommendations to ASN (RD&A).

f. Other Customers. Components of NUWC provide support and service across systems commands and outside the Naval chain. COMNUWC will be cognizant of such activities and, to the extent necessary, consider workforce loading and resource allocations in planning for such customer support.

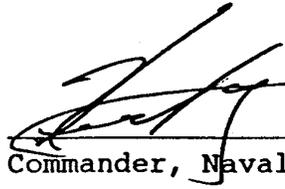
g. DOD and Congressional. Commander, NUWC will interface with DOD and Congressional offices under the direction, authority and guidance of COMNAVSEASYSKOM, consistent with SECNAV policy and the office of Legislative Affairs.

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5. Exception. The provisions of this charter do not apply to Naval nuclear propulsion programs nor other acquisition programs under the cognizance of the NAVSEASYSKOM Deputy Commander for Nuclear Propulsion (SEA 08).

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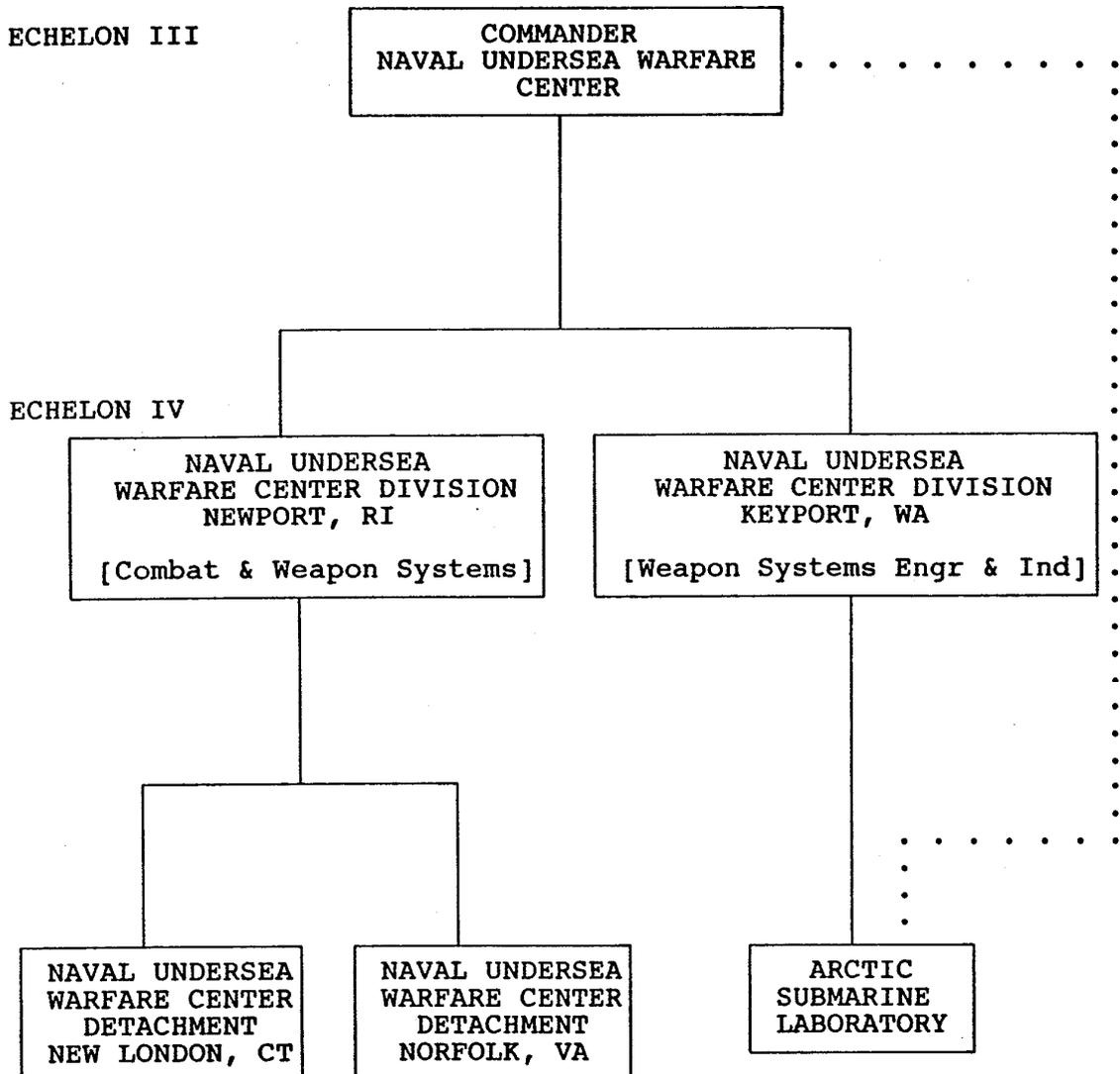
  
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Commander, Naval Sea Systems Command

**ACTIVITIES ASSIGNED  
TO THE  
NAVAL UNDERSEA WARFARE CENTER**

<u>ECHELON</u>	<u>ACTIVITY</u>
3	Commander, Naval Undersea Warfare Center, Washington, DC
4	Commander, Naval Undersea Warfare Center Division, Newport, RI  Officer in Charge, Naval Undersea Warfare Center Detachment, New London, CT  Officer in Charge, Naval Undersea Warfare Center Detachment, Norfolk, VA
4	Commander, Naval Undersea Warfare Center Division, Keyport, WA  Officer in Charge, Arctic Submarine Laboratory, San Diego, CA

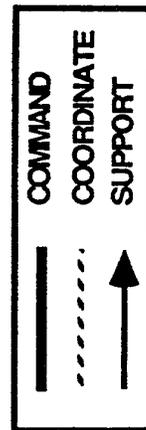
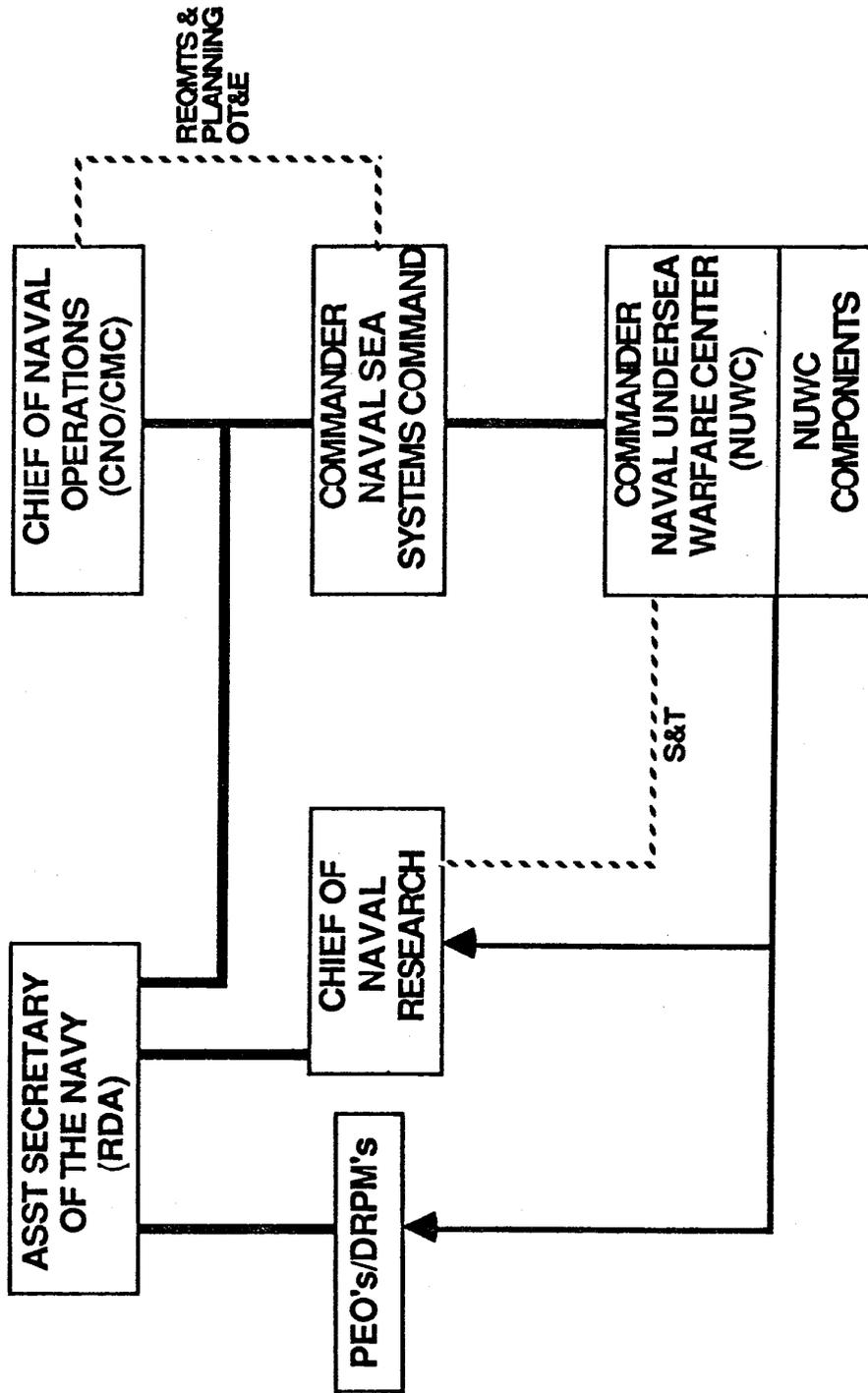
Enclosure (1)  
to  
Enclosure (1)

NAVAL UNDERSEA WARFARE CENTER  
ORGANIZATIONAL STRUCTURE



Enclosure (2)  
to  
Enclosure (1)

# NAVAL UNDERSEA WARFARE CENTER ORGANIZATIONAL RELATIONSHIPS



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NUWC 4 12/20/91  
ENCLOSURE (3)  
to Enclosure (1)

COMNUWC FUNCTIONS

1. Direct NUWC as the Navy's integrated, full spectrum Center for science and technology, RDT&E, engineering, logistics, maintenance, industrial and Fleet support for all aspects of Naval Undersea Warfare.
2. Establish policy and procedures to assure that work which clearly aligns within NUWC technical leadership areas is assigned and funded directly to the appropriate NUWC field component. In cases where work requirements do not clearly align within NUWC technical leadership areas, COMNUWC will exercise approval and control authority regarding acceptance of that work and funding within the Center.
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5. Review and concur in Navy Integrated Program Summaries (IPS) or other appropriate program documents in so far as they require support from NUWC. Focus NUWC technical areas of expertise and maintain functional purity to best support program requirements identified in IPS and related planning documents.
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  - a. NUWC business plans and budgets support, where possible, the annual budget submissions of these customers.
  - b. Appropriate new or additional ongoing work is assigned to NUWC as directed by SECNAV.
  - c. A proper balance of work is tasked between the private sector and NUWC to help sustain both the Navy's technical core and its mobilization/surge capability.

Enclosure (2)

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7. Provide executive oversight, final approval authority and resource advocacy for investment strategy, resource requirements, military construction planning, budgets and business plan execution/operation of NUWC.

8. Discharge assigned technical management responsibilities in a manner consistent with policies and procedures established by the Navy Acquisition Executive, ASN(RD&A).

9. Evaluate the performance of assigned civilian senior executive service (SES) deputy and Division (SES) executive directors.

10. Approve assignments of subordinate military officers and exercise fitness report responsibility for NUWC division activity commanders.