

NUWC HQ DATA CALL 12 211  
AMENDMENT 1

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

G. R. STERNER  
Commander  
Naval Sea Systems Command

10/18/94  
Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)  
W. A. EARNER

NAME (Please type or print)

Signature

27 OCT 1994  
Date

Title

Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

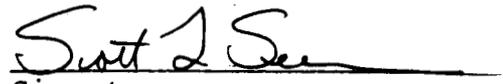
I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

RADM SCOTT L. SEARS  
NAME (Please type / print)

COMMANDER  
Title

NUWC  
Activity

  
Signature

17 OCTOBER 1994  
Date

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**ENERGETICS JOINT CROSS SERVICE ANALYSIS  
DATA CALL #12 AMENDMENT #1**

**Activity Name:** NUWC

**UICs:** 68934 (NUWC Newport)  
- 66604 (NUWCDIV Newport)  
- 00253 (NUWCDIV Keyport)  
70024 (NUWCDET New London)

The Naval Undersea Warfare Center (NUWC) and its associated divisions and detachments have no major capital investment in energetic laboratory/processing facilities and equipment utilized for the research and development of energetics. Therefore, NUWC submits a negative response for this data call.

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# Document Separator

**MILITARY VALUE DATA CALL  
TECHNICAL CENTERS**

<b>Category</b>	<b>Technical Center/ Laboratory</b>
<b>Technical Center Site</b>	<b>NUWC Headquarters (Center Management)</b>
<b>Location/Address</b>	<b>Newport, RI</b>

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<b>TAB A</b> Technical Operations: Functional Support Area - Life Cycle Work Area Form	N/A
<b>TAB B</b> Facilities and Equipment: Facilities/Equipment Capability Form	N/A
<b>TAB C</b> Range Resources: Range Capability Form	N/A
<b>Appendix A</b> Functional Support Areas - Life Cycle Work Areas List	N/A
<b>Appendix B</b> Definitions for Functional Support Areas - Life Cycle Work Areas	N/A

## MILITARY VALUE MEASURES

### MISSION

1. **Mission Statement.** State the officially assigned mission of this activity and cite the reference document(s) that assigns the mission.

The mission of the Naval Undersea Warfare Center is delineated in OPNAV Note 5450 ser 09822/IU510577 dated 23 December 1991: "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 associated with undersea warfare". In support of this mission, NUWC is assigned the following Navy leadership areas (See Nav memo dtd 12 April 1991):

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

2. **Joint Service Missions.** State any officially assigned joint/lead service assignments missions and cite the document(s) that assigned them.

NUWC Center Management has no officially assigned joint/lead service missions.

## TECHNICAL FUNCTIONS

3. **Technical Functions Resource Allocations.** Appendix A provides a list of numbered functional support areas that cover the spectrum of naval warfare and support operations. Additionally, Appendix A provides a list of numbered life-cycle work areas that cover the "cradle to grave" spectrum of Navy systems acquisition. Utilizing the two lists at Appendix A, each activity will break out its entire FY1993 technical program within any applicable intersections of these two defining schemes (for example, functional support area #5.2 - life cycle work area #3 will identify the activity's level of resources allocated to sensors and surveillance systems, radar systems in advanced development). Definitions for each functional support and life cycle work area are provided in Appendix B for reference.

a. Use the form at Tab A of this data call to provide data on work years and expenditures for FY1993 to support each applicable intersection of functional support areas and life cycle work areas. When necessary, estimate data to the best of your ability.

The Naval Undersea Warfare Center Corporate Charter, officially promulgated NAVSEAINST 5450.67 of 8 May 1992, assigns responsibility for 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."

The intent of these unprecedented full spectrum responsibilities, as stated in the same NAVSEAINST is to "strengthen RDT&E management, provide substantial opportunities for efficiencies and cost savings, eliminated duplication of effort, and provide support for Tri-Service Effort." It is significant that for the first time, accountability for all Naval Undersea Warfare scientific engineering, logistics and fleet support is rested in a single commander and Technical Director.

Center Management (Headquarters) of this unified organization has, in fact, been producing the desired effect through functional integration of the two divisions and coordinated application of assets and resources across the entire life cycle of undersea warfare systems, from research and development through in-service support to eventual system retirement.

Tab A for each of the Keyport, Newport, and New London sites illustrates how project-specific technical work is discharged throughout the Center. It must be noted that the functional capabilities of each site are linked with each other as complementary in fulfilling the entire spectrum of responsibilities. Continuity of capability is required to support overall effectiveness.

During the two years since NUWC was formed, significant mission purification has been accomplished, eliminating redundant capabilities, focusing scarce resources on core mission capabilities, and ensuring quality execution of the remaining functions. Commander, naval Undersea Warfare Center has employed a continuous process of self-examination to evaluate past, present, and future mission roles and responsibilities, core technical capabilities, and the opportunities for privatization of non-core work. From this ongoing process a set of distinct, complementary and non-overlapping roles and responsibilities have been promulgated for completion in FY95. In BRAC 95 Data Call 1, section 7 enumerates the roles and responsibilities for NUWCDIVKPT, NUWCDIVNPT and NUWCDETNL, however; Tab A of BRAC 95 Data Call #5 will not completely reflect the R & R because the cut-off for data is FY 93 but is substantially the same.

NUWC Headquarters provides center level leadership for NUWC Division Newport and NUWC Division Keyport, and is responsible for fulfilling Center management responsibilities identified in SECNAVINST 5400.16, e.g., "to streamline and strengthen RDT&E management". Significant contributions aimed at ensuring best value to the customer include:

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\* Headquarters led the process of negotiating, planning, and undertaking the transfer of programs into/out of the Center to rationalize functional responsibilities between warfare centers. In FY 93, authority for 215 billets was transitioned into the Center, and approximately 42 of these were "saved" through efficiencies of consolidated efforts, resulting in lower costs to the customer.

\* All areas of potential overlap of effort between the two divisions were rigorously reviewed under the initiative and leadership of Center Management in FY93. More than 250 workyears of effort were transferred between NUWC's divisions in order to rationalize the performance of tasking for maximum effectiveness and to eliminate any overlap in capabilities. The resulting optimum division of Roles and Responsibilities between the Divisions has been fully documented.

\* Headquarters maintains frequent contacts (and encourages division level contacts) with requirements customers (e.g., OP-N8) and with the Fleet to improve understanding of current/anticipated military requirements.

\* Headquarters has undertaken numerous rightsizing initiatives, to improve Center responsiveness to changing Navy needs through optimum husbanding of resources. One detachment was identified for deactivation, based on a rigorous Center Management study of its functions and facilities in the context of projected tasking and options.

\* Headquarters provides technical management oversight over the Center technical program through periodic in-person reviews of all major programs, review of quarterly progress reports, and guidance/review of comprehensive five-year operational plans for each division.

\* Headquarters emphasizes guidance/oversight of the Center's Science and Technology (Technology Base) program through a Science and Technology Director reporting directly to the Center Technical Director.

\* Headquarters makes the allocation of scarce resources, such as billet reductions, based on priorities of current and future technical program needs.

\* Headquarters has developed/instituted a Corporate Strategy and identified core competencies for the Center, to improve its focus on meeting Navy needs in the new environment.

Above all, NUWC Headquarters provides vigorous leadership in the Smart Buyer and User function to the Navy for all functional support areas within NUWC's mission. NUWC Center Management does not receive directly, project specific technical funding and therefore Tab A is not applicable.

b. Similarly, use the Tab A forms to report separately on your detachments or sites that have not received this data call directly. This data may be consolidated when the detachments or sites perform work in the same area. When necessary, estimate data to the best of your ability.

NUWC Center Management does not have any detachments that perform project specific technical work.

## MANPOWER

### 4. Work Breakdown Structure.

a. Use Table 4.1 (below) to provide data on the general support functions at your activity. Report data as of 31 March 1994. If you are collocated with one of your subordinate base keeper commands (i.e., a NAWS or NAS collocated with a NAWC Division), describe the differences in the functions of each and provide a separate Table 4.1 for the subordinate command. Include this command in the Table 4.1 submission for your Activity.

NUWC Center Management is collocated with NUWC Division Newport. As requested, Division Newport information is reflected in an additional Table 4.1, placed immediately after Center Management Table 4.3.

As described in Question 3, NUWC Headquarters provides center level management for two major activities, Division Newport and Division Keyport which provide technical services directly to program sponsors and fleet customers. Included in this management are Technical Operations Staff that provide expertise across all technical product lines.

b. Similarly, use Table 4.2 (below) to provide general support function data for all your detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (4.2). Provide a list of the detachments whose data is included in Table 4.2. For each identified detachment in this list, include its name, location, UIC, and number of civilian and military personnel onboard.

In addition, if any of your detachments or separate sites not receiving an individual data call have over 50 civilian personnel or own technical facilities, provide separately a description of the site, the functions performed there, photographs showing the facilities and state the reason for that site's existence and the necessity for it to be at that location.

c. Use Table 4.3 (below) to provide estimated data, for your activity only, to reflect the anticipated impact of previous BRAC decisions that have not yet been implemented. This data should provide the deltas from Table 4.1.

### NOTES:

[1] Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

Contract Workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

Civilian Personnel Onboard: Full Time Permanent (FTP) employees.

[2] Any categories of personnel that are employed to support other Activities should be noted with the name of the additional Activity supported.

**Table 4.1, General Support Resources for  
(Activity: NUWC Headquarters)  
(UIC:68934)**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
<b>ADMINISTRATION</b>						
Command (CO/XO/TD/etc.)	3,300	4	4	--	2	--
Comptroller						
Admin	3,700	10	10			
Human Resources						
<b>OPERATIONS SUPPORT</b>						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
<b>INFRASTRUCTURE</b>						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
<b>TECHNICAL STAFF</b>						
Technical Operations			3			
<b>Totals</b>	<b>7,000</b>	<b>17</b>	<b>17</b>		<b>2</b>	

**Table 4.2, General Support Resources for all Detachments  
(Activity: NUWC Headquarters)  
(UIC: 68934)**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/ XO/ TD/etc.)	450	1	1		1	
Comptroller						
Admin	1,550	2	2			
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations						
Totals	2,000	3	3		1	

**Table 4.3, Previous BRAC Impact to General Support Resources for  
(Activity: N/A)  
(UIC: N/A)**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)						
Comptroller						
Admin						
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations						
Totals	N/A	N/A	N/A	N/A	N/A	N/A

**Table 4.1, General Support Resources for  
(Activity: NUWCDIVNPT)  
(UIC: N68934)**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
<b>ADMINISTRATION</b>						
Command (CO/XO/TD/etc.)	21,900	47.0	48	29.4	2	0
Comptroller	22,100	86.7	79	39.0	0	0
Admin	21,500	56.6	57	12.6	1 <sup>(1)</sup>	0
Human Resources	37,000	38.7	34	7.0	0	0
<b>OPERATIONS SUPPORT</b>						
Supply Management	71,5000	95	96	9.4	1	1
Consolidated Computational Computer Support	0	0	0	0	0	0
Information Systems and Communications	63,300	58.4	58	58.0	0	0
Safety/OSH/Environmental	3,500	8.4	9	.1	0	0
<b>INFRASTRUCTURE</b>						
Physical Security	6,800	13.0	13	41.0	0	0
Public Works/Staff Civil Engr	68,400	78.8	77	118.0	1	0
Fire Protection	0	0	0	0	0	0
Medical/Dental	0	0	0	0	0	0
Military Support	0	0	0	0	0	0
Air/Waterfront Operations	0	0	0	0	0	0
Other	0	0	0	0	0	0
<b>TECHNICAL STAFF</b>						
Technical Operations			1678	867.4	10	19
Totals	316,000	482.6	2149	1181.9	15	20

**5. Technical Staff Qualifications.**

a. Use Table 5.1 (below) to provide data on the civilian personnel allocated to Technical Operations having the educational and experience levels indicated in the table for your activity. Report data as of 31 March 1994. Similarly, use Table 5.2 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.2). Provide a list of the detachments whose data is included in Table 5.2.

**Table 5.1, Technical Staff Education Level for (Activity: NUWC Headquarters) (UIC:68934)**

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School						
High School						
B.A./B.S		1		1	1	3
M.A./M.S						
Ph.D./M.D.						
Total		1		1	1	3

Note: NUWC Center Management does not perform project specific work, however; CM does provide technical review.

**Table 5.2, Technical Staff Education Level for all Detachments (Parent Activity: NUWC Headquarters) (UIC:68934)**

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School						N/A
High School						N/A
B.A./B.S						N/A
M.A./M.S						N/A
Ph.D./M.D.						N/A
Total	N/A	N/A	N/A	N/A	N/A	N/A

Note: NUWC Center Management does not have any Detachments that perform project specific work.

b. Use Table 5.3 (below) to provide data on the number of civilian personnel allocated to Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated. Report data as of 31 March 1994. Similarly, use Table 5.4 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.4). Provide a list of the detachments whose data is included in Table 5.4

**Table 5.3, Technical Staff Academic Fields for  
(Activity:NUWC Headquarters)  
(UIC:68934 )**

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	3
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	3

Note: NUWC Center Management does not perform project specific work.

**Table 5.4, Technical Staff Academic Fields for all Detachments**  
 (Parent Activity: \_\_\_\_\_)  
 (UIC: \_\_\_\_\_)

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	N/A

Note: NUWC Center Management does not have any Detachments that perform project specific work or have civilian personnel allocated to Technical Operations.

c. Are there unique aspects of the activity's location that help or hinder in the hiring of qualified personnel?

- **Scenic Oceanfront** - NUWC Headquarters, located on Narragansett Bay in Newport, offers the natural beauty and advantages of living near the ocean. Swimming and running on picturesque beaches, sailing, boating, swimming, fishing, etc., have long been trademark activities of Southeastern New England.
- **High Quality, Local Universities** - Within an hour of the Newport location are the University of Rhode Island, University of Massachusetts (Dartmouth), and Brown University. Within two hours of both locations are MIT, Boston College, Boston University, and Northeastern University.
- **Convenience of Airports and Other Transportation** - Providence, RI and Boston, MA airports are within commuting distance from Newport, making air travel accessible for employees. The area has convenient access to the major East Coast north-south highway (Interstate 95), Amtrak rail service and oceanport facilities.
- **Nearby Metropolitan Areas** - Newport is within driving distance of cultural and historical Boston. Professional and collegiate sports are available in Boston and Providence.
- **Mountains** - The White Mountains of New Hampshire and the Green Mountains of Vermont are close by for snow skiing, hiking, and vacationing.
- **Quality of Life** - The City of Newport is dependent upon tourism. As a result of this, the city and oceanfront have an abundance of summertime activity and are kept as environmentally safe as possible. Newport is rich in history, architecture, cultural activities, summer theater, art and craft festivals, and musical events. Local housing costs

have continually declined in the last three years to a level which offers truly attractive housing at reasonable costs. This, coupled with a reduced overall cost of living in the area, ensures that replacement high quality professional employees can be retrained as the current workforce experiences normal attrition.

**Medical Facilities** - Local medical facilities are excellent with several major hospitals located in the immediate area (Rhode Island Hospital, Miriam Hospital, and St. Joseph Hospital in Providence, RI), as well as easy access to the prestigious medical facilities at the Lahey Clinic and Massachusetts General Hospital (Boston, MA).

**Community Support/Services** - The Naval Undersea Warfare Center root organization has been located in the Newport, Rhode Island area since the original Naval Torpedo Station (NTS) was established in 1869. The Navy and the NUWC have a strong connection with the local Aquidneck Island and adjacent communities. Both have municipal and State government support for mission and facility needs, as well as solid acceptance by the local citizenry. The overall level of community support/services available, both for the present and the foreseeable future, is more than adequate for the NUWC mission and any possible future expansion of this mission.

d. List all articles written by the in-house technical staff that were published or accepted for publication in refereed journals since 1 January 1990.

None

e. List all technical books and/or chapters written by the in-house technical staff that were published or accepted for publication since 1 January 1990.

None

f. Identify any Nobel laureates employed at this activity.

None

g. List all non-governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990.

None

h. List all governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990.

None

i. List all patents awarded to the in-house technical staff members of this activity since 1 January 1990.

None

j. List all patents applied for by the in-house technical staff members of this activity since 1 January 1990.

None

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k. Identify any in-house staff that are members of the National Academy of Engineering.

None

l. Identify any in-house staff that are members of the National Academy of Sciences.

None

m. How many Cooperative Research and Development Agreements (CRDAs) have been signed by the activity since 1 January 1990?

NUWC Center Management has signed 5 CRDAs with 17 in the legal review process and scheduled for signature before 31 July 1994 for NUWC Division Newport and 1 CRDA for Division Keyport since 1 January 1990.

n. What has been the activity's annual royalty income from CRDAs and patent licenses for each year since 1 January 1990?

NUWC Center Management encourages the development of CRDAs and patent licenses by Division Newport and Division Keyport. All royalty income generated by these activities remain with respective division.

o. List and describe any major end item prototypes, either product or process technology, developed in-house by the activity that are currently in production and/or are currently in use by the U.S. Armed Forces or by industry. Cite a published reference that documents the work.

N/A

## FACILITIES AND EQUIPMENT

6. **Special Facilities/Equipment Resources.** Include a copy of the form provided at Tab B of this data call for each facility and "major" piece of equipment located at this activity. Include information on separate detachments. The following definitions will apply:

Facilities - Will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Also, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or wargaming capabilities.

Equipment - Resources used to support the operation of the site with a replacement value of \$500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment. Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets. Where appropriate, pieces of equipment can be aggregated for the purposes of completing Tab B.

NUWC Center Management does not perform project specific work and does not have special facilities/equipment allocated to Technical Operations.

### 7. General Facilities.

a. Is there any cash revenue generated by this activity? Example: Electricity generated at this activity and sold to the local community. If yes, describe.

NUWC Center Management is a tenant of NUWC Division Newport.

b. What MILCON projects are currently programmed to be completed by the end of FY1995? For each project provide:

NUWC Center Management is a tenant command.

(1) A description of the proposed facility with title and project number. Be sure to include the trailing alpha designator for BRACs-88, 91 and 93 realignment projects, i.e., P-xxxR, P-xxxS, P-xxxT .

N/A

(2) The functional support area(s) that the new facility will support. Refer to Appendix A.

N/A

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(3) Identify installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call.

N/A

(4) The additional square footage that this project will provide to the functional support area(s).

N/A

(5) The current working estimate (CWE) & planned beneficial occupancy date (BOD) of the project.

N/A

c. What MILCON projects are currently programmed to be executed/completed after FY1995? For each project provide:

NUWC Center Management is a tenant command.

(1) A description of the proposed facility with title and project number.

N/A

(2) The functional support area(s) the new facility will support.

N/A

(3) The identified installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call.

N/A

(4) The additional square footage this project will provide to the functional support area(s).

N/A

(5) CWE & planned BOD.

N/A

d. What is the distance (in miles) to the nearest military airfield and/or pier not located at your site? Describe. Assume all previous BRAC closures have been executed.

QUONSET POINT AIR NATIONAL GUARD BASE  
North Kingstown, RI

The Quonset Air National Guard Base (ANGB) is located in North Kingstown, RI on the former Quonset Naval Air Station that was closed in 1973. The airfield is located on the western shore of Narragansett Bay, approximately 9 statute miles from the Naval Undersea Warfare Center, Newport Division; 16 statute miles south of the City of Providence; 8 1/2 statute miles south of Theodore F. Greene State Airport in Warwick, RI.

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The ANGB base is located on a 754 acre tract of land, shared with the Quonset State Airport. The site is located adjacent to U.S. Naval Construction Battalion Center (Davisville), which was recently closed as a result of BRAC-91. The Rhode Island Air National Guard (RIANG) and the Rhode Island Army National Guard (RIARNG) took possession of their current property in 1983 and has implemented major improvements and upgrades to the current facilities.

Quonset has a 7998 foot major runway whose condition is good and in which a parallel taxiway was completed for the entire length in 1993. This runway accommodates the 154,000 maximum gross weight requirements of the 9 C-130 E aircraft assigned to the 143 Airlift Group, RIANG, on a routine basis, as well as accommodating occasional arrivals/departures of the USAF C-141/C-5 aircraft in support of unit deployments. A 4,000 foot secondary runway, whose weight bearing capability is 12,500 pounds, was resurfaced in May 1994. The ramp space of the RIANG has been surveyed as being capable of supporting 12 C-130 aircraft as currently configured with the ability to increase to support a Wing of 16 aircraft with a minimum of ramp construction. Four of the five hangars located within the Quonset property are utilized by the Rhode Island National Guard.

The ramp space of the RIANG has been frequently called upon to accommodate all forms of heavy/wide body aircraft (C-141, C-5, 7747, DC-10 and L1011) in support of military movements including Desert Storm/Shield. Quonset ANGB also serves as the primary arrival site for high ranking military and civilian guests at the adjacent Naval War College in Newport, RI. In addition to the ANG, Quonset also accommodates the hanger and ramp space of the RIARNG in support of their two fixed wing U-21 aircraft, as well as the rotary wing AH-1 Cobra (16 each), Loach (6 each) and UH-1 (2 each) helicopters.

In addition to the airfield, the Quonset facility also contains two deep-water ports (one located at the previous Naval Air Station which was capable of accommodating two Essex Class Aircraft Carriers and one located at the former Davisville site which served as a major debarkation point for the U.S. Navy Construction Battalions during World War II and Vietnam operations), the termination of a railway spur, and is within 3 miles of interstate highway I-95.

e. How many certified magazines, used for the storage of explosives, does this activity own or control? What is the total explosive weight storage capacity?

NUWC Center Management is a tenant command.

## LOCATION

### 8. Geographic Location.

a. Is there an imperative in facility, function or synergy that requires the installation/base/facility to be in its present location? If yes, describe.

Newport-based Headquarters supports appropriate leadership/management focus for several reasons. Division Newport has primary technical support responsibilities for major acquisition programs that receive interest at high Navy levels. In addition, Division Newport leadership areas encompass the entire spectrum of the Center's technical efforts. At the Newport site, Center Management can more effectively address programmatic issues with key personnel at short notice. Over 75% of Center work is conducted at Division Newport, a distribution that allows Headquarters to optimize involvement in ongoing undersea warfare imperatives.

At the Newport site, Center Management can more effectively address programmatic issues with key personnel at short notice. Management attention is also required for the effective integration of work being transferred in as a result of realignment; most of this new work is within the Newport Division. Colocation with NUWCDIVNPT also provides direct on-site access to critical developmental hardware and tests as well as unique undersea warfare facilities and complexes including the Littoral Undersea Warfare Test Facility Complex.

The location of Center Management in Newport, RI and Center's maintenance of a detachment in Washington, DC allows the most efficient servicing of program sponsor requirements. Additionally, many administrative efficiencies are realized through the collocation with Division Newport.

A Newport location also provides ease of travel to NAVSEA Headquarters (two-hour travel, frequent flights), a VTC connection, and a shared time zone with the majority of NUWC's customers. Newport also receives many important visitors (over 100 VIPs per year, most of them customers) to meet practicing technologists, be briefed on ongoing front-line R&D work, see the world-class R&D facilities, and discuss the resulting contributions to programs of interest to them.

These critical issues, such as easy accessibility to key technical personnel, ease of communication with NUWC customers and NAVSEA Headquarters, convenient travel options, and a location to accommodate VIP visits, are key benefits of the current location of NUWC Headquarters.

b. What is the importance of the present location relative to customers supported?

See above.

## FEATURES AND CAPABILITIES

### 9. Computational Facilities.

a. Describe the general and special computational capabilities at this site. Include super computing, parallel computing, distributed computing and networking. Include high-speed data transfer, fiber optic links, microwave links, network interconnectivity and video teleconferencing capabilities. Do not discuss desktops and laptops except as they relate to networking.

The Center Management office automation system is a suite of desktop computers, IBM PC compatibles, Macintoshes, and a MicroVAX 3100, inter-networked via EtherNet and LocalTalk using DecNet/AppleTalk protocols. The system provides full interconnectivity between all Center Management staff members in Newport, RI and in the Washington, DC Detachment. In addition, the system provides full internet access including electronic mail. This interconnectivity allows for real-time information availability/communication within and external to the Center Management staff which increases staff productivity and work quality thus reducing staffing requirements. It should be noted that, in addition to the desktop hardware and the MicroVAX, the system utilizes the NUWC Division Newport VAX Cluster for application/information sharing, Newport/DC Detachment linkage, and internet access.

As a parent command, NUWC Center Management has access to the capabilities of both Division Newport and Division Keyport, and in particular has direct availability to the extensive facilities located at the Newport site.

### 10. Mobilization Responsibility and Capability.

a. Describe any mobilization responsibility officially assigned to this site. Cite the document assigning the responsibility.

NUWC Center Management does not have an officially assigned mobilization responsibility.

(1) What functional support area(s) does this responsibility support? Refer to Appendix A for the list of functional support areas?

N/A

(2) What portion of the work years and dollars, as reported in each applicable functional support area reported in Tab A, are spent solely on maintaining your activity's readiness to execute the mobilization responsibilities?

N/A

(3) How many additional personnel (military & civilian) would be assigned to your activity as part of the mobilization responsibility? Include separately any contractor assets that would be added.

N/A

b. Does your activity have adequate facilities to support your mobilization responsibilities? (yes/no)

N/A

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(1) If yes, is any space assigned for the sole purpose of maintaining mobilization readiness? (yes/no) If yes, list the square footage assigned.

N/A

(2) If no, what repairs, renovations and/or additions are required to provide adequate facilities? What is the estimated cost of this work?

N/A

(3) Are there any restrictions that would prevent work (noted in paragraph 10.b.(2) above) from taking place (i.e., AICUZ, environmental constraints, HERO, etc.)? If yes, describe.

N/A

c. Describe any production facilities that would be activated in case of a future contingency.

N/A

d. Is your activity used as a Reserve Unit mobilization and/or training site?

N/A

11. **Range Resources.** Include a copy of the form provided at Tab C of this data call for each range located at this activity or operated by this activity. Also, report ranges at detachments and sites not receiving a separate data call. The following definition of a range will apply:

Range - An instrumented or non-instrumented area that utilizes air, land, and/or water space to support test and evaluation, measurements, training and data collection functions, but is not enclosed within a building.

N/A

## QUALITY OF LIFE

### 12. **Military Housing** (All data provided by Naval Educational Training Center, Newport.)

(a) Family Housing:

- (1) Do you have mandatory assignment to on-base housing? Response: No.
- (2) For military family housing in our locale the following information is provided:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	88	88	0	0
Officer	3	520	520	0	0
Officer	1 or 2	20	20	0	0
Enlisted	4+	134	134	0	0
Enlisted	3	553	553	0	0
Enlisted	1 or 2	536	536	0	0
Mobile Homes	N/A	0	0	0	0
Mobile Home lots	N/A	52	52	0	0

The above housing units are all administered by the Naval Education and Training Center (NETC), Newport. All are located on, adjacent to, or within driving distance of the NETC base.

(3) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information: Response: None

(4) Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List <sup>1</sup>	Average Wait
O-6/7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	0	12 Months <sup>2</sup>
O-4/5	1	N/A	N/A
	2	N/A	N/A
	3	0	0
	4+	2	6 Months <sup>3</sup>
O-1/2/3/CWO	1	N/A	N/A
	2	0	N/A
	3	0	N/A
	4+	0	N/A
E7-E9	1	0	N/A
	2	0	N/A
	3	0	N/A
	4+	0	N/A
E1-E6	1	0	N/A
	2	0	N/A
	3	0	N/A
	4+	0	N/A

<sup>1</sup> As of 31 March 1994

<sup>2</sup> Waiting in a deferred status for quarters in a specific geographic area

<sup>3</sup> Four bedroom 04/05 quarters undergoing major renovations

(5) What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? Response as follows:

Top Five Factors Driving the Demand for Base Housing	
1	Expense of private housing
2	Convenience to base
3	Security
4	Residing in military community
5	Service

Note: Response does not vary by grade category.

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)? Response: 31 percent

(7) Provide the utilization rate for family housing for FY 1993. Response as follows:

Type of Quarters	Utilization Rate
Adequate	See Below
Substandard	N/A
Inadequate	N/A

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? Response as follows:

- a. In FY93 the occupancy rate for staff quarters was 98 percent
- b. In FY93 the occupancy rate for students quarters was 92 percent  
(Student quarters are vacant between graduation and commencement dates)
- c. In FY94 the staff occupancy rate will be below 98 percent as a result of the remaining ships being relocated from Newport to other homeports

(b) **BEQ:** NUWC has no BEQ facilities on base. However, unless otherwise noted, the following data pertains to the BEQs at the Naval Education and Training Center, Newport, which support NUWC military personnel.

(1) Provide the utilization rate for BEQs for FY 1993. Response as follows:

Type of Quarters	Utilization Rate
Adequate	64%
Substandard	43%
Inadequate	60%

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? Response: No. Two buildings, 688 and 689, off-line due to funding of repairs for a total of 168 beds.

as of 11 May 1994

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:  
 Response: 56

**AOB = (# Geographic Bachelors x average number of days in barracks) 365**

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Response as follows:

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)			1, 2, 3
Spouse Employment (non-military)			1, 2, 3
Other			
<b>TOTAL</b>	56	100	

- <sup>1</sup> NETC CBQ has not monitored family commitments/spouse employment as reasons for separation.
- <sup>2</sup> NETC CBQ will critique all GBs who presently reside in CBQ spaces in a effort to obtain required data.
- <sup>3</sup> NETC CBQ does not have accurate information on how many GBs live on local economy.

(5) How many geographic bachelors do not live on base? Response as follows:  
 Data not maintained by NETC Housing Manager.

- a. We have a wait list for those seeking a room. This list is seldom utilized.
- b. An unknown number of GBs never check in and live off base.

(c) **BOQ:** NUWC has no BEQ facilities on base. However, unless otherwise noted, the following data pertains to the BEQs at the Naval Education and Training Center, Newport, which support NUWC military personnel.

(1) Provide the utilization rate for BOQs for FY 1993. Response as follows:

Type of Quarters	Utilization Rate
Adequate	40%
Substandard	80%
Inadequate	78%

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? Response as follows: No one building off-line at any one time, 678 or 171, averaging 100 beds.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:  
Response: 109

$$\text{AOB} = \frac{(\# \text{ Geographic Bachelors} \times \text{average number of days in barracks})}{365}$$

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Response as follows:

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)			1, 2, 3
Spouse Employment (non-military)			1, 2, 3
Other			
<b>TOTAL</b>	108	100	

<sup>1</sup> NETC CBQ has not monitored family commitments/spouse employment as reasons for separation.

<sup>2</sup> NETC CBQ will critique all GBs who presently reside in CBQ spaces in a effort to obtain required data.

<sup>3</sup> NETC CBQ does not have accurate information on how many GBs live on local economy.

(5) How many geographic bachelors do not live on base? Response as follows:  
Data not maintained by NETC Housing Manager.

- a. There is a waiting list for those seeking a room. This list is seldom utilized.
- b. An unknown number of GBs never check in and live off base.

(d) BOO/BEO Housing and Messing.

(1) Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above. Response: There are no BOQs or BEQs assigned to NUWCDIVNPT. However, BOQs and BEQs are available at the Naval Education and Training Center, Newport, RI, which support the military personnel here and civilian workers on temporary duty.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
347; 721-11	116	2					116 <sup>a</sup>	13,323
348; 721-11	58	1					58 <sup>a</sup>	6,660
447; 721-11	240	120						
689; 721-11	216	108	216	43,956	240	60,332		
<b>721-11 Totals</b>	<b>630</b>	<b>231</b>	<b>216</b>	<b>43,956</b>	<b>240</b>	<b>60,332</b>	<b>174</b>	<b>19,983</b>
345; 721-12	104	36					104 <sup>b</sup>	39,970
346; 721-12	104	36					104 <sup>b</sup>	39,970
441; 721-12	38	19			38	9,200		
688; 721-12	60	60	60	29,415				
<b>721-12 Totals</b>	<b>306</b>	<b>151</b>	<b>60</b>	<b>29,415</b>	<b>38</b>	<b>9,200</b>	<b>208</b>	<b>70,940</b>
441; 721-13	15	15			15 <sup>c</sup>	7,270		
1269; 721-13	63	63	0		63 <sup>d</sup>	33,897		
<b>721-13 Totals</b>	<b>78</b>	<b>78</b>	<b>0</b>	<b>0</b>	<b>78</b>	<b>41,167</b>	<b>0</b>	<b>0</b>
172; 724-11	95	95	11	5,000			84 <sup>f</sup>	47,174
442; 724-11	120	120	120	57,895				
443; 723-11	110	110	110	58,860				
444; 724-11	100	100	100	52,038	100 <sup>e</sup>	45,378		19,760
678; 724-11	100	100						
685; 724-11	44	44					44 <sup>g</sup>	
<b>724-11 Totals</b>	<b>569</b>	<b>569</b>	<b>341</b>	<b>173,793</b>	<b>100</b>	<b>45,378</b>	<b>128</b>	<b>66,934</b>
18 724-12	2	2	2	3,810				
172; 724-12	2	2	2	800				
442; 724-12	1	1	1	965				
<b>724-12 Totals</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5,575</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

a. Open bay/"gang head" floor layout

b. Central, "gang heads" and three-person rooms

c. Central, "gang heads"; used for transient billeting

d. Each room shares a bath and head with another room; used for transients attending

e. Room configuration too small to meet current criteria

f. Each room shares a bath and head with another room

\*721-14, space for officer acquisition students, have not been reported above

(2) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". Response as follows:

(A) Facility Type/Code:

(B) What Makes It Inadequate?

(C) What Use Is Being Made Of The Facility?

- (D) What Is The Cost To Upgrade The Facility To Substandard?
- (E) What Other Use Could Be Made Of The Facility And At What Cost?
- (F) Current Improvement Plans And Programmed Funding:
- (G) Has This Facility Condition Resulted in C3 Or C4 Designation On Your Baserep?

CCN: 721-11

- Bldg. 347:
- a. Bachelor Enlisted Quarters/721-11
  - b. Open bay floor configuration w/gang heads
  - c. Transient/overflow
  - d. \$1,000,000 to upgrade
  - e. Convert to admin space/\$400,000
  - f. Convert portion to admin; No programmed funding
  - g. Yes, C-3
- Bldg. 348:
- a. Bachelor Enlisted Quarters/721-11
  - b. Open bay floor configuration w/gang heads
  - c. Transient/overflow
  - d. \$1,000,000 to upgrade
  - e. Convert to admin space/\$400,000
  - f. Convert to disciplinary barracks; No programmed funding
  - g. Yes, C-3

CCN: 721-12

- Bldg. 345:
- a. Bachelor enlisted Quarters/721-12
  - b. "Gang head" configuration w/three persons to some of the rooms
  - c. House E5-E6's due to lack of adequate facilities
  - d. \$1,600,000 to upgrade
  - e. Retained for transients and geographical bachelors/\$0
  - f. Convert to house transients and geographic bachelors; No programmed
  - g. Yes, C-3
- Bldg 346:
- a. Bachelor Enlisted Quarters/721-12
  - b. "Gang head" configuration w/three persons to some of the rooms
  - c. House E5-E6's due to lack of adequate facilities
  - d. \$1,600,000 to upgrade
  - e. Convert to admin space/\$400,000
  - f. Convert portion to admin; No programmed funding
  - g. Yes, C-3

CCN: 724-11

- Bldg. 172:
- a. Bachelor Officers Quarters/724-11
  - b. Rooms with shared heads with another room
  - c. House CWO-O2's due to lack of adequate facilities
  - d. \$1,600,000 to upgrade
  - e. Convert to forty-two O3 and above officers quarters/\$1,600,000
  - f. Convert to forty-two O3 and above officers quarters; Project has been programmed and awarded
  - g. Yes, C-3

CCN: 724-11

- Bldg. 685
- a. Bachelor Officers Quarters/724-11
  - b. Facility has deteriorated beyond economical repairs
  - c. House CWO-O2's due to lack of adequate facilities
  - d. Not applicable
  - e. No other use
  - f. Demolish; No programmed funding
  - g. Yes, C-3

(3) Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above. Response as follows: There are no BOQs or BEQs projected to be assigned to NUWC prior to FY97. However, the following is a projected list of BOQs and BEQs assigned to the Naval Education and Training Center, Newport, RI.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
447; 721-11	240	120		43,956	240	60,332		
689; 721-11	216	108	216					
721-11 Totals	456	228	216	43,956	240	60,332	0	0
345; 721-12	104	36						
MCON P-352	60	60	60 <sup>b</sup>	38,002	38	9,200	104 <sup>a</sup>	39,970
441; 721-12	38	19						
688; 721-12	60	60	60	29,415				
721-12 Totals	262	175	120	67,417	39	9,200	104	39,930
MCON P-352	30	30	30 <sup>b</sup>	23,647				
441; 721-13	15	15			15 <sup>c</sup>	7,270		
1269; 721-13	63	63			63 <sup>d</sup>	33,897		
721-13 Totals	108	108	30	23,647	78	41,167	0	0
172; 724-11	11	11	11	5,000				
442; 724-11	120	120	120	57,895				
443; 724-11	110	110	110	58,860				
444; 724-11	100	100	100	52,038				
678; 724-11	50	50	50 <sup>e</sup>	45,378				
724-11 Totals	31	391	391	219,171	0	0	0	0
18; 724-12	2	2	2	3,810				
172; 724-12	44	44	44	47,974				
442; 724-12	1	1	1	965				
Anchorage Hsg.	100	100	100 <sup>f</sup>	80,000				
724-12 Totals	147	147	147	132,749	0	0	0	0

- a. Bldg. 345 is an open bay/"gang head" floor layout; to be used for transients and geographical bachelors.
- b. MILCON P-352, FY94 project, constructs 60 E5-E6 and 30 E7-E9 quarters.
- c. Central "gang heads"; used for transient billeting.
- d. Each room shares a bath and head with another room; used for transients attending Senior Enlisted Academy.
- e. Project now under design to create 50 adequate rooms from 100 substandard rooms
- f. Twenty-five Anchorage Housing units, each containing four two-bedroom quarters, will be transferred from family housing to O3 and above quarters. Each of the quarters have approximately 800 GSF.

\* 721-14, space for officer acquisition students, have not been reported above

(4) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". Response as follows:

- (A) Facility Type/Code:
- (B) What Makes It Inadequate?
- (C) What Use Is Being Made Of The Facility?
- (D) What Is The Cost To Upgrade The Facility To Substandard?
- (E) What Other Use Could Be Made Of The Facility And At What Cost?
- (F) Current Improvement Plans And Programmed Funding:
- (G) Has This Facility Condition Resulted in C3 or C4 Designation On Your Baserep?

CCN: 721-11 thru 12

- Bldg. 345:
- a. Bachelor Enlisted Quarters/721-11 and 12
  - b. "Gang head" configuration w/three persons to some of the rooms
  - c. House transient and geographical bachelors in E1-E6 grades
  - d. \$1,600,000 to upgrade
  - e. Retained for transients and geographical bachelors/\$0
  - f. Convert to transient and geographic bachelor quarters;  
No programmed funding
  - g. Yes, C-3

(5) Provide data on the messing facilities assigned to your current plant account.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
292	28,399	*	28,399					373
355	29,108	*	29,108					209

\* Facility designed to serve 2,000 PN through a meal period

(6) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information. Response: None.

(7) Provide data on the messing facilities projected to be assigned to your plant account in FY 1997. Response: NUWC has no plans to build a messing facility on site prior to FY97.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
292	28,399	*	28,399					391
355	29,109	*	29,109					189

\* Facility designed to serve 2,000 PN through a meal period

(8) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information: Response: None.

13. **MWR Facilities.** For on-base MWR facilities<sup>1</sup> available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table. (Data provided by the Naval Education and Training Center, Newport, RI, unless specifically denoted as NUWC data.)

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	13	Y
	Outdoor Bays	0	N/A
Arts/Crafts	SF	0	N/A
Wood Hobby	SF	0	N/A
Bowling	Lanes	24	N
Enlisted Club	SF	14,838	Y
Officer's Club	SF	33,360	Y
Library	SF	10,000	N/A
Library	Books	79,000	N/A
Theater	Seats	0	N/A
ITT	SF	1,334	N
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	6	N
Pool (outdoor)	Lanes	0	N/A
Beach	LF	300	N
Swimming Ponds	Each	0	N/A
Tennis Ct (NETC)	Each	9	N/A
Tennis Ct (NUWC)	Each	9	N/A

<sup>1</sup> Spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

Facility	Unit of Measure	Total	Profitability
Gear Rental	SF	7,025	Y
Vet. Clinic	SF	1,225	Y
Leisure Travel	SF	522	Y
Picnic Areas	Sites	7	N/A
Vehicle Storage Lot	Spaces	150	Y
Game Room	SF	5,289	Y

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball Ct (outdoor)	Each	1	N/A
Basketball Ct (outdoor)	Each	2	N/A
Racquetball Ct	Each	5	N/A
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium (NETC)	SF	45,468	N/A
Gymnasium (NUWC)	SF	14,776	N/A
Fitness Center (NETC)	SF	1,800	N/A
Fitness Center (NUWC)	SF	1,202	N/A
Marina	Berths	125	Y
Stables	Stalls	0	N/A
Softball Fld (NETC)	Each	5	N/A
Softball Fld (NUWC)	Each	3	N/A
Football Fld	Each	1	N/A
Soccer Fld	Each	1	N/A
Youth Center	SF	4,560	Y
Aerobic Room (NUWC)	SF	878	N/A

(a) Is your library part of a regional interlibrary loan program? Response: Yes.

**14. Base Family Support Facilities and Programs.**

a. Complete the following table on the availability of child care in a child care center on your base. Response as follows: (Data provided by Naval Education and Training Center, Newport.)

Age Category	Capacity (Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	5	X			2	60
6-12 Mos	3	X			10	60
12-24 Mos	10	X			11	60
24-36 Mos	14	X			4	90
3-5 Yrs	38	X			13	75

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

What other use could be made of the facility and at what cost?

Current improvement plans and programmed funding:

Has this facility condition resulted in C3 or C4 designation on your BASEREP?

c. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list. Response as follows:

For those on the waiting list that cannot be accommodated by our Family Child Care Program, Hourly Care Center or any of the preschools, we refer them to the Information and Referral Specialist at the Family Service Center who provides the attached listing for community child care.

Aquidneck Island Child Development Center  
 1272 West Main Rd, Middletown, RI 02842  
 (401) 849-0055  
 36 Children - Infant/Toddler  
 36 Children - 3 to 6 years  
 13 Children - school age

Child & Family Service of Newport Pre-School  
 19 Valley Rd, Middletown RI 02842  
 (401) 849-2300  
 36 Children - Infant/Toddler  
 17 Children - 3 to 6 years  
 as of 11 May 1994

Garrettson Memorial Day Nursery  
299 Spring St, Newport RI 02840  
(401) 846-6470  
12 Children - Toddler  
78 Children - 3 to 6 years (Kindergarten)

Martin Luther King Day Care Center  
20 West Broadway, Newport RI 02840  
(401) 846-4828  
40 Children - 3 to 6 years  
30 Children - School Age

New Visions Child Care Center  
38 West Broadway, Newport RI 02840  
(401) 846-2460  
33 Children - Infant/Toddler

New Visions Head Start & Day Care  
Park-Holm Tommony Hill Multi-Purpose Center  
York Street, Newport RI 02840  
(401) 846-5454

Joel Peckham School  
Green End Ave  
Middletown, RI 02842  
50 Children - 3 to 6 Years

d. How many "certified home care providers" are registered at your base? Response:  
24.

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs). Response as follows: There are no other military child care facilities within 30 minutes of the base. There is however, significant private sector child care within 30 minutes of the base, including those cited in section c above.

f. Complete the following table for services available on your base. Response as follows:

Service	Unit of Measure	Qty
Exchange	SF	62,126
Gas Station	SF	Combined Facility (Autoport), B684
Auto Repair	SF	Combined Facility (Autoport), B684
Auto Parts Store	SF	Combined Facility (Autoport), B684
Commissary	SF	32,160
Mini-Mart	SF	2,886
Package Store	SF	6,077
Fast Food Restaurants	Each	2-Major 4-Inschool Snack Bars
Bank/Credit Union	Each	1
Family Service Center	SF	6,000
Laundromat	SF	300
Dry Cleaners	Each	1-Dry Cleaning Shop  2-Pick-up Points, 2-Contractor Trucks
ARD	PN	56
Chapel	PN	225
FSC Classrm/Auditorium	PN	20

15. Proximity of Closest Major Metropolitan Areas (provide at least three):

City	Distance (Miles)
PROVIDENCE	30
BOSTON	75
FALL RIVER	15

Type Rental	Percent Occupancy Rate
Efficiency	96%
Apartment (1-2 Bedroom)	70%
Apartment (3+ Bedroom)	68%
Single Family Home (3 Bedroom)	98%
Single Family Home (4+ Bedroom)	96%
Town House (2 Bedroom)	75%
Town House (3+ Bedroom)	70%
Condominium (2 Bedroom)	75%
Condominium (3+ Bedroom)	70%

(c) What are the median costs for homes in the area? Response as follows:

Type of Home	Median Cost
Single Family Home (3 Bedroom)	\$116,335
Single Family Home (4+ Bedroom)	\$144,063
Town House (2 Bedroom)	\$ 73,450
Town House (3+ Bedroom)	\$140,625
Condominium (2 Bedroom)	\$ 68,200
Condominium (3+ Bedroom)	\$114,375

d. For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Response as follows:

Month	Number of Bedrooms		
	2	3	4+
January	335	422	89
February	346	436	89
March	364	454	99
April	364	472	103
May	383	497	103
June	395	498	105
July	398	511	108
August	392	498	106
September	387	481	107
October	383	491	106
November	369	470	99
December	351	455	97

e. Describe the principal housing cost drivers in your local area. Response as follows:

The Newport area is a historic waterfront, tourist area located on an island connected by two 4-lane bridges and one 2-lane bridge to the mainland. Housing on the island is more expensive than that located on the mainland.

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16. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	239.09	133.77
E2	239.09	150.35
E3	232.34	171.20
E4	269.67	188.21
E5	302.60	211.27
E6	310.92	211.65
E7	363.05	252.20
E8	379.00	286.52
E9	457.40	347.22
W1	352.73	267.89
W2	355.90	279.14
W3	385.68	313.52
W4	343.23	304.32
01E	278.39	206.50
02E	311.38	248.26
03E	364.93	308.73
01	269.46	198.56
02	265.58	207.58
03	298.95	251.69
04	353.02	306.99
05	432.47	357.64
06	421.76	349.09
07	355.45	288.80

17. Off-base Housing Rental and Purchase

a. Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994. Response as follows:

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	\$389.00	\$315.00	\$48.00
Apartment (1-2 Bedroom)	\$586.00	\$374.00	\$80.00
Apartment (3+ Bedroom)	\$726.00	\$580.00	\$99.00
Single Family Home (3 Bedroom)	\$969.00	\$780.00	\$104.00
Single Family Home (4+ Bedroom)	\$1,123.00	\$871.00	\$125.00
Town House (2 Bedroom)	\$731.00	\$641.00	\$90.00
Town House (3+ Bedroom)	\$815.00	\$698.00	\$106.00
Condominium (2 Bedroom)	\$713.00	\$563.00	\$78.00
Condominium (3+ Bedroom)	\$813.00	\$631.00	\$92.00

b. What was the rental occupancy rate in the community as of 31 March 1994?  
Response as follows:

as of 11 May 1994

An adequate supply of housing has brought costs down approximately 14 percent for single family and 24 percent for condominiums since the 1989 highs.

The naval schools located in Newport, combined with the tourist nature of the area create a high demand for short-term rentals.

18. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
RM	9	31
ET	4	14
FT	0	10
TM	0	4
STS	0	3

19. Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Location	% Employees	Distance (mi)	Time(min)
Middletown, RI	15	6	10
Portsmouth, RI	14	5	10
Newport, RI	11	5	10
Bristol, RI	9	13	20
Groton, CT	5	60	75

20. The following tables indicate the civilian educational opportunities available to service members stationed at the installation (to include any outlying sites) and their dependents:

(a) List the local educational institutions which offer programs available to dependent children. Response and follows:

Institution	Type	Grade Level(s)	Special Ed Available	Annual Enrollment Cost per Student	1993 Avg SAT/ACT Score	% HS Grad to Higher Educ	Source of Info
Aquidneck Island Child Development	Private	Pre-school	Speech Only	\$28.50 P/D	N/A	N/A	Phone Call
Beginning Children's School	Private	Pre-school	Unknown	Unknown	N/A	N/A	Phone Book
Countryside Child Care	Private	Pre-school	No	\$120 P/W	N/A	N/A	Phone Call
Garrettson Day Care	Private	Pre-school	No	\$132 P/W	N/A	N/A	Phone Call
Growing Children	Private	Pre-school	Yes	\$115 P/W	N/A	N/A	Phone Call
Kinderhart	Private	Pre-school	No	\$311 P/M	N/A	N/A	Phone Call
Pennfield School	Private	K-8th	Yes	\$5,800 P/Y	N/A	N/A	Phone Call
Portsmouth Nursery	Private	Pre-school	No	Unknown	N/A	N/A	Phone Call
Montessori	Private	Pre-school - 2	No	\$4,000 P/Y	N/A	N/A	Phone Call
Silveria School	Private	Pre-school - K	No	Unknown	N/A	N/A	Phone Call
Newport Catholic Regional	Parochial	9	Yes	Unknown	N/A	N/A	Housing Office
Newport (7 Schools)	Public	K-8	Yes	00	N/A	N/A	NETC Study
Middletown (6 Schools)	Public	K-6	Yes	00	N/A	N/A	NETC Study
Portsmouth (4 Schools)	Public	K-6	Yes	00	N/A	N/A	NETC Study
Tiverton (4 Schools)	Public	K-6	Yes	00	N/A	N/A	NETC Study
Little Compton	Public	K-6	Yes	00	N/A	N/A	NETC Study
Jamestown (2 Schools)	Public	K-6	Yes	00	N/A	N/A	NETC Study
Narragansett (3 Schools)	Public	K-6	Yes	00	N/A	N/A	NETC Study
N. Kingstown (7 Schools)	Public	K-6	Yes	00	N/A	N/A	NETC Study
S. Kingstown (7 Schools)	Public	K-6	Yes	00	N/A	N/A	NETC Study
St. Philomena	Ind/Private	K-8	No	\$3,075	N/A	N/A	A. Oakley, Sec.
Our Lady Mt. Carmel, Bristol	Ind/Parochial	PreK-8	No	\$900-2,020	N/A	N/A	Prin. Str. Conceta

St. Elizabeth, Bristol	Ind/Parochial	PreK-8	No	\$900	N/A	N/A	Prin. Str. Cindy
St. Michael, Newport	Ind/Day	Nursery-8	No	\$4,175-7,815	N/A	N/A	Admin Office
Newport Dist. Middle School	Public	7-8	Yes	00	N/A	N/A	NETC Study
Middletown Dist. Middle School	Public	7-8	Yes	00	N/A	N/A	NETC Study
Portsmouth Dist. Middle School	Public	7-8	Yes	00	N/A	N/A	NETC Study
Tiverton Dist. Middle School	Public	7-8	Yes	00	N/A	N/A	NETC Study
N. Kingstown (2 Middle Schools)	Public	7-8	Yes	00	N/A	N/A	NETC Study
St. Andrew, Barrington	Episcopal	5-12	No	\$11,000-25,000	800	94	Asst. Director
Portsmouth Abbey	Catholic	9-12	No	\$12,500-20,000	UNK	100	Col. Counselor
Prout School, Wakefield	Parochial	7-12	No	\$2,800-3,500	UNK	98	School Sec.
St. George's, Newport	Private	9-12	No	\$12,500	UNK	100	Phone Call
Newport District	Public	9-12	No	00	455/412	67	RI Dept. of Ed.
Middletown District	Public	9-12	Yes	00	457/429	82	RI Dept. of Ed.
Portsmouth District	Public	9-12	Yes	00	431/489	77	RI Dept. of Ed.
Narragansett District	Public	9-12	Yes	00	451/410	70	RI Dept. of Ed.
N. Kingstown District	Public	9-12	Yes	00	500/452	80	RI Dept. of Ed.
S. Kingstown District	Public	9-12	Yes	00	505/462	82	RI Dept. of Ed.
Tiverton District	Public	9-12	Yes	00	413/394	59	RI Dept. of Ed.
Barrington District	Public	9-12	Yes	00	528/481	84	RI Dept. of Ed.
Bristol/Warren District	Public	9-12	Yes	00	441/394	59	RI Dept. of Ed.
S. Kingstown District	Public	9-12	Yes	00	N/A	N/A	NETC Study

b. List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Response as follows:

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Aquidneck Island Adult Lrn Ctr	Day	Y				
	Night	Y				
Brown University	Day				X	X
	Night				X	X
Bristol Community Coll	Day				X	
	Night				X	
Bryant College	Day				X	
	Night				X	
*Community College of RI	Day				X (at NETC)	
	Night				X	
Johnson & Wales	Day		X		X	X
	Night		X		X	X
NE Inst Providence	Day				X	
	Night				X	
*Providence College	Day				X	X (at NETC)
	Night				X	X (at NETC)
Rhode Island College	Day				X	X
	Night				X	X
Rhode Island School of Design	Day				X	X
	Night				X	X
Roger Williams University	Day				X	X (LAW)
	Night				X	X (LAW)
Salve Regina University	Day				X	X
	Night				X	X
UMASS Dartmouth	Day				X	X
	Night				X	X

*Univ of RI	Day				X	X (at NETC)
	Night				X	X (at NETC)
Katherine Gibbs	Day		X			
	Night		X			
Nasson Inst.	Day		X			
	Night		X			
NE Tech Coll	Day		X		X	
	Night		X		X	
NE Tractor Training	Day		X			
	Night			X		
Ocean State Business	Day		X			
	Night		X			
RI School of Photography	Day		X			
	Night					
RI Trades Shop	Day		X			
	Night		X			
Sawyer School	Day		X			
	Night		X			
School Med/ Legal Sec	Day		X			
	Night					

\* Has courses on base.

c. List the educational institutions which offer programs on-base available to service members and their adult dependents. Response as follows:

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational / Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Community College of Rhode Island	Day					
	Night				YES	
	Correspondence					
Providence College	Day					
	Night					YES
	Correspondence					
University of Rhode Island	Day					
	Night					YES
	Correspondence					
Naval War College	Day					
	Night					YES
	Correspondence					YES

## 21. Spousal Employment Opportunities.

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional		60	57	(1)
Manufacturing		3	2	(1)
Clerical		113	107	(1)
Service		81	77	(1)
Other		5	6	(1)

(1) RI does not break down the unemployment rate to sectors. 1993 rate was 7.7%

## 22. Medical/Dental.

a. Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? No - see 1 and 2 below.

b. Do your military dependents have any difficulty with access to medical or dental care, in either military or civilian health care system? Develop the why of your response. Response: No - see 1 and 2 below.

1. **Medical Care** - This is available through a combination of military and civilian sources. Most care for military beneficiaries is provided by the Naval Hospital's staff within the Naval Hospital and at Newport Hospital (civilian) under a unique partnership program for inpatient care.

a. **Unique Programs** - Naval Hospital, Newport features two unique programs in the form of the Family Practice Demonstration Project and DoD's first external partnership for inpatient care with a civilian hospital. The Family Practice Demonstration Project entails the placement of a large number of family physicians in Newport to respond to the comprehensive health care needs of 36,000 eligible patients. To date, this program has been a huge success highlighted by patient enrollment and increased access to patient care. The external partnership program features an arrangement whereby Navy physicians provided inpatient care to military patients in a local civilian hospital. As with the Family Practice program this venture has also met with a good deal of success by increasing the scope of medical capabilities in Newport while reducing health care costs.

b. **Medical Staffing** - Staffing at the Naval Hospital, Newport includes physician and support staff for:

Alcohol Rehabilitation	Anesthesiology	Clinical Psychology
Dermatology	Dietetics	Family Practice
General Surgery	Internal Medicine	Laboratory
Mental Health	Ophthalmology	Optometry
Oral Surgery	Orthopedic Surgery	Pediatrics
Orthorhinolaryngology (ENT)	Pharmacy	Physical Therapy
Podiatry	Preventive Medicine	Radiology
Social Work		

In addition to medicine specialties staffed at the Naval Hospital, additional medical services are sought through the Naval Hospital, Groton, CT and Brighton Marine Hospital which is a DoD Univ\formed Services Treatment Facility (USTF) in Boston, MA. Lastly, Naval Hospital, Newport has established a local network of civilian medical providers to provide medical specialty services that the Naval Hospital does not possess. With the network, military medical beneficiaries have access to a complete spectrum of primary and specialty care within a forty mile radius of Newport.

2. **Dental Care** - Branch Dental Clinic (BDC) Newport is the second largest dental clinic for Naval Dental Care Newport. BDC Newport is equipped and staffed to provide the most up to date comprehensive dental care in the Navy. The clinic has 17 dental treatment rooms, modern central sterilization room, radiographic facilities, conference/library, and administrative spaces. Additionally, the clinic houses the Area Prosthetics Laboratory, the Regional Dental Equipment Repair Department, and a Regional Supply Department.

All active duty personnel reporting to duty stations in the Newport are automatically  
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enrolled in a dental recall program. Each military member will be notified of the time during which he or she should report to the clinic to accomplish required annual dental examinations and preventive dentistry treatment procedures.

Clinical specialties provided by the clinic include Periodontics (with added emphasis in oral hygiene), Prosthodontics (including full dental laboratory services), Endodontics, and Outpatient Oral Surgery. During FY93 BDC Newport performed approximately 123,393 dental procedures and 38,666 laboratory procedures and 17,078 x-ray procedures.

23. **Crime Rate.** Complete the table below to indicate the crime rate for your NUWC for the last three fiscal years.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
2. Blackmarket (6C)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
3. Counterfeiting (6G)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
4. Postal (6L)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	0	2	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	1	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	1	0
6. Burglary (6N)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
7. Larceny - Ordnance (6R)	0	0	0
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
8. Larceny - Government (6S)	0	1	0
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
10. Wrongful Destruction (6U)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
11. Larceny - Vehicle (6V)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
12. Bomb Threat (7B)	0	1	2
Base Personnel - military	0	0	0
Base Personnel - civilian	0	1	2
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
15. Death (7H)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
16. Kidnapping (7K)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
19. Perjury (7P)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
20. Robbery (7R)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
21. Traffic Accident (7T)	21	23	25
Base Personnel - military	0	0	0
Base Personnel - civilian	21	23	25
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
23. Indecent Assault (8D)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
24. Rape (8F)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
25. Sodomy (8G)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

NUWC HQ  
DATA CALL #5

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

C. R. STERNER

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J.B. Greene, Jr.

NAME (Please type or print)

Signature

Acting

Title

27 May 1994

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

Scott L. Sears, RADM U.S. Navy  
NAME

  
Signature

Commander  
Title

11 May 1994  
Date

Naval Undersea Warfare Center  
Activity

The information to which this certification pertains is described as follows:

Data Call #5, 11 May 1994 for the Naval Undersea Warfare Center.

# Document Separator

FOR OFFICIAL USE ONLY - BRAC '95 WORKING PAPERS

REQUESTS FOR CLARIFICATION  
From the Base Structure Analysis Team (BSAT)

Control # 012

Date sent: 31 Aug 94

To: NUWC, ED STEWART

Activity: Naval Undersea Warfare Center, Newport

Fax: (703) 602-8476

Voice:

CLARIFICATION/CORRECTION REQUESTED for Data Call #5 Question # 5c:

Please review your response and clarify or confirm.

Books and Chapters refer to Technical Texts like those published by McGraw-Hill etc

Maj W. A. Conc, USMC  
(703) 681-0477

NOTE: This information is needed urgently. Request you respond with clarification comments (below) or corrected page(s) within 24 hours after receipt at the activity. FAX a preliminary response directly to the BSAT at (703) 756-2174. Then, send your official response, properly certified, through your chain of command for certification and further forwarding to the BSAT. Official documentation must be retained to support your response and be available for validation by the Naval Audit Service.

Question 5e of data call #5 states "List all technical books and/or chapters written by the in-house technical staff Reply: that were published or accepted for publication since 1 January 1990" for technical staff. The data call submission addresses Naval Undersea Warfare Center (NUWC) Center Management (headquarters) only and does not include NUWC Division Newport who is our host activity. Center Management staff comprises a total of 3 military and 20 civilians of which 3 civilians are considered technical staff who have not published a chapter or a book. Only these three individuals were considered in addressing question 5. Some of the personnel in the other categories, such as command and administrative, have advanced degrees, received technical awards, etc. but since they were not considered technical staff, the information was not included in question 5.

JAMES F. DONNELLY, JR.  
Name

NUWC-41  
Code

(401) 841-6769  
Commercial Phone #

8/31/94  
Date

### 23. Crime Rate

Please refer to NUWC Division, Newport response for crime rate information as NUWC Newport is a tenant of NUWC Division, Newport.

# Document Separator

CUWC HQ NEWPORT  
DATA CALL 5 REVISION

110

R

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

**G. R. STERNER**  
Title Commander  
Naval Sea Systems Command

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)**  
**DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)**

**W. A. EARNER**

NAME (Please type or print)

Signature

Title

Date

BRAC-95 CERTIFICATION

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniform and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

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I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

RADM Scott L. Sears U.S. Navy  
Name

Scott L. Sears  
Signature

Commander  
Title

12 Sep 94  
Date

Naval Undersea Warfare Center  
Activity

The information to which this certification pertains is described as follows:

Base Structure Analysis Team Request for Clarification dated 31 Aug 94  
for Data Call #5 Question # 5e

# Document Separator

NUWC HQ NEWPORT  
DATA CALL 5 REVISION

R

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

G. R. STERNER

Commander

Naval Sea Systems Command

Date

9-21-94

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Signature

Title

Date

10/5/94

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

ADM SCOTT L. SEARS  
NAME (Please type of print)

COMMANDER  
Title

NAVAL UNDERSEA WARFARE CENTER  
Activity

Scott L. Sears  
Signature

13 Sep 94  
Date

# Document Separator

**CAPACITY ANALYSIS:  
DATA CALL #4 WORK SHEET FOR  
TECHNICAL CENTER or LABORATORY: NUWC HEADQUARTERS**

**Table of Contents**

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5. Base Infrastructure Capacity	21
6. Ship Berthing Capacity	25
7. Operational Airfield Capacity	25
8. Depot Level Maintenance Capacity	25
9. Ordnance Storage Capacity	25

<b>TAB A: Ship Berthing Capacity</b>	No submittal required
<b>TAB B: Operational Airfield Capacity</b>	No submittal required
<b>TAB C: Depot Level Maintenance Capacity</b>	Part II only
<b>TAB D: Ordnance Storage Capacity</b>	No submittal required

\*\*\*\*\*If any responses are classified, attach a separate classified annex. \*\*\*\*\*

11 May 1994

**1. Historical and Projected Workload.** Use Tables 1.1, 1.2, 1.3 & 1.4 below to provide historical and currently projected workload data for your activity in terms of funding and workyears. Assume previous BRAC closures and realignments are implemented on schedule. Dollar amounts should be in then-year dollars. Workyears should be separated for in-house government efforts and on-site contractor work.

a. Use Table 1.1 to provide data on your site.

b. Use Table 1.2 to provide data on your Detachments that did not receive this Data Call directly. Compile the information from all of these Detachments into one table. Attach a list of the titles & UIC's of the Detachments included in the table.

c. For FY's 1993 thru 1997 provide a breakout of the "Total Funds Budgeted" line showing the appropriation and amounts of funding budgeted from your major customers. Major resource Sponsors are defined as, but not limited to, all systems commands, ONR, SSPO, CNO, FLT CINCs, Other DON, Other DOD by Department, Other Federal Government, All other. Use Table 1.3 to report this breakout for your site. Use Table 1.4 to report this breakout for your compiled Detachments that did not receive this Data Call directly. Provide separate tables for FY's 1993 thru 1997.

Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

In-House government efforts or In-House workyears: Includes both military and civil servant employees

On-Site Contractor workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

On-site Contractors: Those contractors that occupy space directly on the site on nearly a full time basis.

Total Funds Budgeted: The funds used as inputs to the President's Budget.

Civilian Personnel On-Board: Full Time Permanent employees (FTP).

**Table 1.1 Historical and Projected Workload  
for Naval Undersea Warfare Center Headquarters (Center Management) (3)  
(UIC 68934)  
Newport Site**

<b>Fiscal Year</b>	<b>Total Funds Budgeted (\$K) (1)</b>	<b>Total Funds Received w/o Direct (1) Cite (\$K)</b>	<b>Direct Cite Funds Received (\$K)</b>	<b>Budgeted Wkys</b>	<b>Actual In-House Wkys</b>	<b>Actual Onsite Contract Wkys</b>
86	0	0	0	0	0	0
87	0	0	0	0	0	0
88	0	0	0	0	0	0
89	0	0	0	0	0	0
90	0	0	0	0	0	0
91	0	0	0	0	0	0
92 (2)	0	0	0	0	0	0
93 (3)	0	0	0	17	17	0
94	0			19		
95	0			19		
96	0			19		
97	0			19		

Note:

- (1) NUWC Center Management (Headquarters) is a part of NUWC Division Newport budget funded by overhead/contributions from both Newport and Keyport Divisions.
- (2) NUWC Center Management stood up Jan 92 in Washington, DC, as part of RDT&E, Engineering and Fleet Support Activities Consolidation Plan (Chief of Naval Operations Memo of 12 April 1991).
- (3) NUWC Center Management relocated from Washington, DC to Newport, RI. on 28 Sep 92 as directed by ASN (RD&A) 20 July 1992.

**Table 1.2 Historical and Projected Workload  
for Detachments of Naval Undersea Warfare Center Headquarters (Center Management)  
(UIC 68934)**

<b>Fiscal Year</b>	<b>Total Funds Budgeted (\$K)</b>	<b>Total Funds Received w/o Direct Cite (\$K)</b>	<b>Direct Cite Funds Received (\$K)</b>	<b>Budgeted Wkys (1)</b>	<b>Actual In-House Wkys</b>	<b>Actual Onsite Contract Wkys</b>
86	0	0	0	0	0	0
87	0	0	0	0	0	0
88	0	0	0	0	0	0
89	0	0	0	0	0	0
90	0	0	0	0	0	0
91	0	0	0	0	0	0
92 (2)	0	0	0	4	1	0
93 (3)	0	0	0	4	4	0
94	0			4		
95	0			4		
96	0			4		
97	0			4		

Note:

- (1) NUWC Center Management maintains a detachment in Arlington, VA to facilitate center-level contact with program sponsors. The UIC for the detachment, 68934, is the same as NUWC Center Management in Newport, RI.
- (2) NUWC Center Management stood up Jan 92 as part of RDT&E, Engineering and Fleet Support Activities Consolidation Plan (Chief of Naval Operations Memo 12 April 1991).
- (3) NUWC Center Management relocated from Washington, DC to Newport, RI. on 28 Sep 92 as directed by ASN (RD&A) 20 July 1992.

as of 11 May 94

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Page 3 of 26

**TABLE 1.3 FY 199\_ BREAKOUT OF FUNDS BUDGETED  
for Naval Undersea Warfare Center Headquarters (Center Management)  
(UIC 68934)**

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
None															

Note:  
(1) NUWC Center Management does not receive direct funding from sponsors.



2. **Current Class 2 Assets.** Complete Tables 2.1 thru 2.6 below as directed. Tables 2.1, 2.2 & 2.3 will define the Class 2 property owned or leased by your activity (less Detachments). Tables 2.4, 2.5 & 2.6 will define the combined Class 2 assets owned or occupied at your Detachment sites which did not receive this Data Call directly. Report space holdings and assignments as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions such as previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD. Square footage of space is to be reported in "Gross Floor/Building Area" (GF/BA) as defined in NAVFAC P-80. Many of the P-80 Category Code Numbers (CCN's) have assets that are reported in units of measure other than square feet (SF). The only unit of measure desired for this Data Call is SF. Only report the assets in each CCN that are normally reported in SF.

For your Site:

- a. Use Table 2.1 below to indicate the total amount of Class 2 space at your site for which you are the plant account holder as of 31 March 1994.
- b. Use Table 2.2 below to indicate the total amount of your Class 2 space reported in Table 2.1 that is assigned to your tenant commands and/or independent activities at your site as of 31 March 1994.
- c. Use Table 2.3 below to indicate the total amount of Class 2 space, for which you are not the plant account holder, but which is utilized/leased by you (less Detachments). Provide numbered notes to identify the title and UIC of the plant account holder/lessor, quantity of leased space and the associated lease cost.

**Table 2.1 Main Site Class 2 Assets  
of Naval Undersea Warfare Center Headquarters (UIC 68934)**

Building type	NAVFAC (P-80) category code	Gross Floor/Building Area (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, & Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities (1)	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
<b>Totals</b>		N/A	N/A	N/A	N/A

Note: (1) NUWC Center Management is a tenant of NUWC Division Newport.

as of 11 May 94

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UIC N68934  
Page 7 of 26

d. In accordance with NAVFACINST 11010.44E, an Inadequate facility cannot be made Adequate for its present use through "economically justifiable means". For all the categories above where Inadequate facilities are identified provide the following information:

(1)FACILITY TYPE/CODE:

(2)WHAT MAKES IT INADEQUATE?

(3)WHAT USE IS BEING MADE OF THE FACILITY?

(4)WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

(5)WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

(6)CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

(7)HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

as of 11 May 94

Data Call #4  
UIC N68934  
Page 8 of 26



**Table 2.3 Class 2 Space Utilized/Leased  
by Naval Undersea Warfare Center Headquarters (UIC 68934)**

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs system	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
<b>Totals</b>		0	0	0	0

Note: NUWC Center Management does not lease any Class 2 space.

For your Detachment sites not receiving this Data Call directly:

- e. Use Table 2.4 below to indicate the combined total amount of Class 2 space that is occupied by your Detachments for which you are the plant account holder as of 31 March 1994. Attach a list with the titles and UIC's of these Detachments.
- f. Use Table 2.5 below to indicate the total amount of your Class 2 space reported in Table 2.4 that is assigned to tenant commands and/or independent activities as of 31 March 1994. Include numbered notes to indicate the Detachment site that hosts the tenant.
- g. Use Table 2.6 below to indicate the combined total amount of Class 2 space utilized/leased by your Detachments for which you are not the plant account holder. Provide numbered notes to indicate the quantity of leased space and their associated rental cost.

as of 11 May 94

Data Call #4  
UIC N68934  
Page 11 of 26

**Table 2.4 Class 2 Assets  
of Naval Undersea Warfare Center Headquarters (UIC 68934)  
Occupied by Detachments**

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities (1)	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
<b>Totals</b>		N/A	N/A	N/A	N/A

Note: NUWC Center Management has a detachment located in Arlington, VA (UIC 68934). This detachment occupies Class 2 space assigned to NAVSEA.

h. In accordance with NAVFACINST 11010.44E, an Inadequate facility cannot be made Adequate for its present use through "economically justifiable means". For all the categories above where Inadequate facilities are identified provide the following information:

- (1) FACILITY TYPE/CODE:
- (2) WHAT MAKES IT INADEQUATE?
- (3) WHAT USE IS BEING MADE OF THE FACILITY?
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

as of 11 May 94

Data Call #4  
UIC N68934  
Page 13 of 26



**Table 2.6 Class 2 Space Utilized/Leased by Detachments  
of Naval Undersea Warfare Center Headquarters (UIC 68934)**

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
<b>Totals</b>		0	0	0	0

Note: NUWC Center Management has no detachments with leased space.

as of 11 May 94

Data Call #4  
UIC N68934  
Page 15 of 26

**3. Class 2 Space Available for Expansion.** An activity's expansion capability is a function of its ability to reconfigure and/or expand existing facilities to accept new or increased roles. Such a reconfiguration may require rehabilitation or buildout of a space to support the new or expanded role. A space expansion could include converting an underutilized storage space into laboratory spaces, or buildout of a high bay area into a multifloor office/laboratory space. All questions refer to Class 2 property for which you are the plant account holder as of 31 March 1994. Do not report any currently programmed changes or additions previously reported in question #2 above. Expansion opportunities must follow the guidance of NAVFAC P-80 for the appropriate facility category code, as well as applicable fire and safety codes. Personnel loading density should not exceed those specified in the P-80. Space is only available if it is currently unoccupied or the current occupants are officially designated for relocation. Report space as Net Floor Area (NFA) as defined in the P-80. Do not include opportunities that are being reported by your Detachments who received this Data Call directly. Reported expansion opportunities must be able to accommodate the necessary ancillary facilities and equipment, such as adequate parking space, required to support the amount of people projected.

a. What is the maximum quantity of space that could be made available for expansion to accommodate other functions and/or increased efforts? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. 0 SQFT.

b. How much of the space reported in question 3.a. above is currently available with minimal or no reconfiguration costs? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. 0 SQFT.

c. Use Table 3.1 below to indicate the constrained growth opportunities for accepting expanded or new roles. Constrained growth is defined as growth limited to buildings and structures currently on your Class 2 plant account. Add numbered notes to highlight and explain opportunities that require remediation or waiver of a restriction or encumbrance as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. The "Current NFA (KSF)" column total should match the quantity provided in question #3.a. above. Annotate those opportunities that were used to obtain the answer to question #3.b. above. Report space once, do not use the same space for different expansion opportunities. Include in this table space that will become available once planned downsizing (separate from BRAC realignments) has been completed, provide the estimated completion date of the downsizing effort.

d. Use Table 3.2 below to indicate additional unconstrained growth opportunities for accepting expanded or new roles. Unconstrained growth allows for construction of new facilities on existing buildable Class 1 property. The only constraint being that the land must currently be on your plant account holdings as of 31 March 1994 and free of existing land use constraints. Limit new buildings to three stories. Add numbered notes to highlight and explain additional opportunities that would require remediation or waiver of a land use constraint as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. Do not include space that has been reported in Table 3.1.





**4. Class 1 Space Available for Expansion.**

a. Identify in Table 4.1 below the real estate resources which have the potential to facilitate future development, and for which you are the plant account holder as of 31 March 1994, or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site ( i.e., main base, outlying airfields, special off-site areas, etc.) and Detachment that did not receive this Data Call directly. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" acreage that is restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

b. Are there any constraints such as parking, utilities, legal restrictions that limit the potential for using Undeveloped land for expansion?

NUWC Center Management (Headquarters) is a tenant of NUWC Division Newport, and is not the plant account holder of any Class 1 property.

c. Explain the radio frequency constraints/opportunities within your Class 1 holdings.

Same as 4(b) above.

**Class 1 Resources of Naval Undersea Warfare Center Headquarters  
(UIC: 68934)  
SITE LOCATION: Newport, RI**

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational				
Training				
R & D				
Supply & Storage				
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				
<b>Total:</b>	0	0	0	0

Note: NUWC Center Management is a tenant of NUWC Division Newport.

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? 0 Acres. Explain.

NUWC Center Management (Headquarters) is a tenant of NUWC Division Newport.

**5. Base Infrastructure Capacity.** Provide base infrastructure data as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions driven by previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD.

a. Utilize Table 5.1 below to provide information on your activity's base infrastructure capacity and load. Do not report this information if you are a tenant activity.

**Table 5.1 Base Infrastructure Capacity & Load**

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)				
Natural Gas (CFH)				
Sewage (GPD)				
Potable Water (GPD)				
Steam (PSI & lbm/Hr)				
Long Term Parking				
Short Term Parking				

Note: NUWC Center Management is a tenant of NUWC Division Newport.

b. **Maintenance, Repair & Equipment Expenditure Data:** Use Table 5.2 below to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY 1997. Do not include data on Detachments who have received this Data Call directly. Do not report this information if you are a tenant activity. The following definitions apply:

**Maintenance of Real Property (MRP) Dollars:** MRP is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs & minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

**Current Plant Value (CPV) of Class 2 Real Property:** The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

**Acquisition Cost of Equipment (ACE):** The total cumulative acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

**Table 5.2 Maintenance, Repair & Equipment Expenditure Data  
for Naval Undersea Warfare Center Headquarters (UIC: 68934 )**

<b>Fiscal Year</b>	<b>MRP (\$M)</b>	<b>CPV (\$M)</b>	<b>ACE (\$M)</b>
1985			
1986			
1987			
1988			
1989			
1990			
1991			
1992			
1993			
1994			
1995			
1996			
1997			

Note: NUWC Center Management (Headquarters) is a tenant of NUWC Division Newport.

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**c. Training Facilities:**

(1) By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. A formal school is a programmed course of instruction for military and/or civilian personnel that has been formally approved by an authorized authority (ie: Service Schools Command, Weapons Training Battalion, Human Resources Office). Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-xx, 179-xx CCN's.

Type of Training Facility/CCN	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
(1)								

**A = STUDENTS PER YEAR**

**B = NUMBER OF HOURS EACH STUDENT SPENDS IN THIS TRAINING FACILITY FOR THE TYPE OF TRAINING RECEIVED**

**C = A x B**

**Note:**

(1) NUWC Center Management (Headquarters) does not provide formal training.

(2) By Category Code Number (CCN), complete the following table for all training facilities aboard the installation. Include all 171-xx and 179-xx CCN's.

NUWC Center Management (Headquarters) does not provide formal training.

**For example:** in the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

Type Training Facility/CCN	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR)

(3) Describe how the Student HRS/YR value in the preceding table was derived.

N/A

---

<sup>1</sup> Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

**6. Ship Berthing Capacity.** If your activity has the capacity to berth ships fill out the data sheets provided at TAB A.

As a tenant command of NUWC Division Newport, NUWC Center Management is located adjacent to and has access to ship berthing capacity reported in the Division Newport data call. Tab A will be submitted by NUWCDIVNPT.

**7. Operational Airfield Capacity.** If your activity owns and operates an operational airfield fill out the data sheets provided at TAB B.

N/A

**8. Depot Level Maintenance Capacity.** Fill out the data sheets provided at TAB C if you or your subordinate activities perform depot level maintenance on a piece of equipment or system.

See Tab C for information on Depot Level Maintenance Capacity at NUWV Division Keyport.

**9. Ordnance Storage Capacity.** If your activity has the capability to store or maintain weapons and ordnance fill out the data sheets provided at TAB D.

N/A

## **PART II: HEADQUARTERS (MAJOR OWNERS & OPERATORS)**

### **1. Interservicing Candidates**

1.1 Specify all depot and/or industrial workload programs, performed by any of your activities, that are possible candidates for interservicing, *both* in to and out from the activity. Provide detailed supporting data for your recommendations.

There are no undersea warfare systems which are good candidates for depot maintenance interservicing out of NUWC Division, Keyport. Supporting data for this conclusion are as follows:

- Undersea warfare is a mission area which is unique to the Navy. The systems and weapons employed in undersea warfare are specialized in their design and maintenance processes to meet the unique requirements of this environment.
- Elements of these systems which are unique to undersea warfare and which in combination make NUWC Division, Keyport uniquely qualified to perform the depot maintenance include:
  - Test and repair of acoustic torpedo transducers.
  - Pressure testing to extreme depths.
  - Operational testing in instrumented undersea ranges.
  - Requirements for facilities and processes to handle and process unique hazardous materials (e.g., fuel, and lithium boilers) in a manner which is safe for personnel and the environment.
  - Requirements for facilities and processes to safely handle explosives.
- NUWC Division, Keyport has maintained a focus on depot maintenance for undersea warfare systems which is reflected in its depot maintenance Centers of Technical Excellence. To a substantial degree, the assigned Centers of Technical Excellence rely on shared use of capital equipment and facilities. The resulting synergism would be lost if workload associated with individual Centers of Technical Excellence was relocated from NUWC Division, Keyport. Significant capital investments would be required to meet the need for creating duplicate capabilities. These Centers of Technical Excellence are:
  - Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)

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**1. Interservicing Candidates (Cont.)**

**1.1 (Cont.)**

- Submarine USW Combat Systems
  - Surface ASW Combat Systems
  - Undersea Targets and Vehicles
  - Undersea Warfare Mines
  - Undersea Warfare Countermeasures
- 
- The depot maintenance facilities and workforce at NUWC Division, Keyport are employed as a resource to support other related functions in undersea warfare. Colocation of the maintenance depot with in-service engineering for systems and proofing of weapons creates a synergy which enables all of these functions to be accomplished more effectively than each could be performed in isolation. In the case of post range torpedo maintenance, the close proximity of the depot shops to the NUWC Division, Keyport ranges minimizes the time delay between operation and maintenance. Keeping this time span as short as possible is fundamental to minimizing corrosion of the torpedo propulsion systems. As this time span increases, an increasing amount of scrapped hardware results.
  
  - Undersea warfare systems employed by the forces of the Special Warfare Command are good candidates for interservicing depot maintenance at NUWC Division, Keyport. These systems are typically few in deployed number and specialized in nature. Consequently, they are systems for which it is difficult to make good cost-effective, life cycle depot assignments in the private sector. NUWC Division, Keyport's demonstrated experience and extensive facilities for maintenance of undersea warfare systems make it a logical site for accomplishment of this depot maintenance work.
  
  - NUWC Division, Keyport's extensive capabilities and focus on undersea warfare systems provides an opportunity to further consolidate depot maintenance for selected systems presently supported at other organic activities. Systems and equipment which are candidates for consolidation include undersea mines, mine countermeasures, acoustic countermeasures, and towed sonar systems.
  
  - Depot maintenance workload requirements for systems used at regional military activities, both within the Navy and in other Services, are candidates for accomplishment at NUWC Division, Keyport. The Navy's initiative to

**1. Interservicing Candidates (Cont.)**

**1.1 (Cont.)**

consolidate and perform more maintenance on a regional basis can readily be applied to all regional activities, including Fort Lewis Army Base and McChord Air Force Base. Where there is a good fit between regional requirements and NUWC Division, Keyport's capability and capacity, it is appropriate to employ the resources to satisfy the need.

## **2. Core Requirements**

**2.1** Given the current programmed configuration and operation for these activities, provide the projected Core Workload, Directed workload, Core "Plus" Workload, and Workload required to be retained to meet the Secretary of the Navy's Title 10 responsibilities. Within each Fiscal Year (FY) requested, provide your response in Units of throughput (where applicable) and Direct Labor Man Hours (DLMHs) for the categories in the following Tables. Core workload includes all Core work performed for other Military Departments (please specify such work within each commodity category).

- Core workload calculations are to be performed in accordance with the Office of the Under Secretary of Defense (Logistics) (OUSD(L)) Memorandum dated 15 November 1993 (subject: "Policy for Maintaining Core Depot Maintenance Capability").
- Directed workload includes: Foreign Military Sales (FMS); Low Quantity Non-Core; Low Quantity Above Core; Best Value; Engineering Support; and Last Source of Repair. Directed workload is tabulated in Section 2.2, following.
- Core-Plus workload is the sum of Core workload and Directed workload.
- Title 10 workload is that portion of Core workload that must be retained within the Department of the Navy in order to meet the Secretary of the Navy's Title 10 responsibilities.

Table 2.1.a: Workload Requirements FY 1993

FY 1993 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	820,583	321,600	1,142,183	820,583
<b>Total:</b>	<b>820,583</b>	<b>321,600</b>	<b>1,142,183</b>	<b>820,583</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

Table 2.1.b: Workload Requirements FY 1994

FY 1994 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	825,379	231,639	1,057,018	825,379
<b>Total:</b>	<b>825,379</b>	<b>231,639</b>	<b>1,057,018</b>	<b>825,379</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

Table 2.1.c: Workload Requirements FY 1995

FY 1995 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	820,504	166,384	986,888	825,379
<b>Total:</b>	<b>820,504</b>	<b>166,384</b>	<b>986,888</b>	<b>825,379</b>

\*Includes the following Undersea Warfare (USW) Systems:

- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
- Lightweight Torpedoes (MK 46 and MK 50)
- USW Combat Systems (Sonar and Fire Control)
- Undersea Targets (MK 30)
- Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

Table 2.1.d: Workload Requirements FY 1996

FY 1996 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	820,692	132,628	953,320	825,379
<b>Total:</b>	<b>820,692</b>	<b>132,628</b>	<b>953,320</b>	<b>825,379</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

Table 2.1.e: Workload Requirements FY 1997

FY 1997 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	703,082	127,178	830,260	825,379
<b>Total:</b>	<b>703,082</b>	<b>127,178</b>	<b>830,260</b>	<b>825,379</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

Table 2.1.f: Workload Requirements FY 1998

FY 1998 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	698,012	162,141	860,153	825,379
<b>Total:</b>	<b>698,012</b>	<b>162,141</b>	<b>860,153</b>	<b>825,379</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

Table 2.1.g: Workload Requirements FY 1999

FY 1999 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	733,969	140,427	874,396	825,379
Total:	733,969	140,427	874,396	825,379

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

Table 2.1.h: Workload Requirements FY 2000

FY 2000 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	733,579	132,515	866,094	825,379
<b>Total:</b>	<b>733,579</b>	<b>132,515</b>	<b>866,094</b>	<b>825,379</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

Table 2.1.i: Workload Requirements FY 2001

FY 2001 Commodity Type	Core Workload (DLMHs)**			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	753,409	125,391	878,800	825,379
<b>Total:</b>	<b>753,409</b>	<b>125,391</b>	<b>878,800</b>	<b>825,379</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

\*\*Note: The units shown reflect only work performed by the Naval Undersea Warfare Center. The Center does not have visibility into the total (i.e. public and private) depot maintenance requirement for undersea warfare systems.

2.2 Given the current programmed configuration and operation of the NADEPs, provide the projected Directed Workload. Within each Fiscal Year (FY) requested, provide your response in units throughput (where available) and Direct Labor Man Hours (DLMHs) for the categories requested.

- Foreign Military Sales (FMS) include airframe, engine, and component maintenance and manufacturing support.
- Modifications (Mods) include only those modifications performed concurrently with scheduled depot level work packages constituting Core workload.
- Low Quantity Non-Core (LQNC) is that Non-Core workload with insufficient programmed quantity for competition. This category also includes above threshold Core workload for weapons systems which have a total projected workload greater than the computed core quantity (above core workload).
- Best Value (BV) includes items that have been offered for maintenance under competitive rules and no offerer has provided a bid that is equal to or better than the value provided by a current organic source.
- Engineering Support (Engr) consists of Engineering Support to field, modify, operate, and maintain aviation weapon systems (i.e., RCM analysis, defining maintenance intervals, developing maintenance concepts, modification management, industrial support, investigations, bulletins, and flight safety, and environmental issues).
- Last Source of Repair (LSOR) comprises Non-Core workload which has been offered for maintenance under competitive rules and no offerer has provided a bid, and for which a workload requirement exists and the organic depot is the only remaining source of repair.



**Table 2.2.b: Directed Workloads - FY 1994**

FY 1994 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	330	2,129	2,188	1,024	1,816	0	7,487
<b>FY 1994 Total:</b>	<b>330</b>	<b>2,129</b>	<b>2,188</b>	<b>1,024</b>	<b>1,816</b>	<b>0</b>	<b>7,487</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)



Table 2.2.d: Directed Workloads - FY 1996

FY 1996 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	251	1,474	216	0	1,510	0	3,451
<b>FY 1996 Total:</b>	<b>251</b>	<b>1,474</b>	<b>216</b>	<b>0</b>	<b>1,510</b>	<b>0</b>	<b>3,451</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)



**Table 2.2.f: Directed Workloads - FY 1998**

FY 1998 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	285	3,110	254	0	1,18 7	0	4,836
<b>FY 1998 Total:</b>	285	3,110	254	0	1,18 7	0	4,836

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

Table 2.2.g: Directed Workloads - FY 1999

FY 1999 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	277	2,732	264	0	1,086	0	4,359
<b>FY 1999 Total:</b>	<b>277</b>	<b>2,732</b>	<b>264</b>	<b>0</b>	<b>1,086</b>	<b>0</b>	<b>4,359</b>

- \*Includes the following Undersea Warfare (USW) Systems:
- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
  - Lightweight Torpedoes (MK 46 and MK 50)
  - USW Combat Systems (Sonar and Fire Control)
  - Undersea Targets (MK 30)
  - Other USW Systems (Mines, Acoustic Countermeasures)

Table 2.2.h: Directed Workloads - FY 2000

FY 2000 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	276	2,575	266	0	1,020	0	4,137
FY 2000 Total:	276	2,575	266	0	1,020	0	4,137

\*Includes the following Undersea Warfare (USW) Systems:

- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
- Lightweight Torpedoes (MK 46 and MK 50)
- USW Combat Systems (Sonar and Fire Control)
- Undersea Targets (MK 30)
- Other USW Systems (Mines, Acoustic Countermeasures)

**Table 2.2.i: Directed Workloads - FY 2001**

FY 2001 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
11. Weapons Systems (Torpedoes, USW Combat Systems, Undersea Targets, other USW Systems)*	384	2,186	264	0	1,051	0	3,885
<b>FY 2001 Total:</b>	<b>384</b>	<b>2,186</b>	<b>264</b>	<b>0</b>	<b>1,051</b>	<b>0</b>	<b>3,885</b>

\*Includes the following Undersea Warfare (USW) Systems:

- Heavyweight Torpedoes (MK 48 and MK 48 ADCAP)
- Lightweight Torpedoes (MK 46 and MK 50)
- USW Combat Systems (Sonar and Fire Control)
- Undersea Targets (MK 30)
- Other USW Systems (Mines, Acoustic Countermeasures)

### **3. Organization**

**3.1** Can the depot/industrial level workload be transferred to other sources such as other Navy activities, interservice to other DoD entities, or outsourced to commercial activities? Identify all applicable considerations to your recommendations.

The depot maintenance operations at NUWC Division, Keyport cannot be transferred to other sources without sacrificing significant technical synergies and degrading the cost-effectiveness with which the facilities and workforce are employed. Factors leading to this conclusion are summarized as follows:

- The Department of Defense and Navy have a responsibility under Title 10 (USC) to maintain a ready and controlled source of capability and capacity to respond to a mobilization scenario. This core capability and capacity for Undersea Warfare Systems has been developed, maintained, and sized at NUWC Division, Keyport to satisfy this responsibility.
- NUWC Division, Keyport is the only facility (organic or private sector) which has the complete range of capabilities and capacities to accomplish depot maintenance on its assigned USW systems (Torpedoes, USW Combat Systems, Undersea Targets, and other USW Systems).
- Substantial specialized facilities have been developed specifically to be able to work on undersea weapons and systems. These facilities cannot be transferred to or recreated at another site without incurring prohibitive costs. Specific facilities which fall into this category are identified below:
  - Ready for Issue Facilities that are explosive certified and capable of final test and preparation of warshot weapons.
  - Instrumented underwater ranges for testing and tracking performance of torpedoes.
  - Otto fuel facility for fueling and defueling torpedoes.
  - Lithium decontamination facility for processing lithium boilers from MK 50 Torpedoes.
  - Explosive Storage Magazines for lay-up and bunkering of war reserve warheads.
  - Environmental Test Labs with shaker tables, environmental chambers, and failure analysis labs.
  - Transducer Automated Test Facility (TATF) for test of acoustic

### 3. Organization (cont.)

#### 3.1 (cont.)

- transducers in production volumes.
  - Automated Material Handling Facility providing 151,000 cubic feet of environmentally controlled vertical storage available for lay-up and bunkering of war reserve torpedoes.
  - Industrial Waste Facility for handling waste flows resulting from the torpedo overhaul evolution.
- Several specialized facilities and capabilities which are integral to depot operations are also key resources for operations other than depot maintenance. Facilities in this category include:
    - Instrumented underwater ranges which are also used for sample proofing and acceptance of new production torpedoes, as well as test and evaluation of modifications and new designs. In addition to medium and deep depth instrumented ranges, NUWC Division, Keyport has a shallow water range to adapt to the recent shift of focus to the littoral environment.
    - Systems laboratories for combat systems (sonar and fire control) which support testing for depot maintenance as well as in-service engineering operations.
    - Torpedo fueling and defueling facilities are also an integral part of processes for turnaround of exercise configuration torpedoes and preparation of new production torpedoes for in-water proofing.

Transfer of the depot maintenance operations from NUWC Division, Keyport to a source outside the Navy would undermine the Navy's Title 10 responsibility to preserve a core capability to sustain readiness and minimize technical risk. The depot maintenance workload programmed for accomplishment at NUWC Division, Keyport approaches the minimum workload which can be accomplished and still effectively maintain core capability.

The facilities and technical expertise of the workforce operate synergistically with other functions at NUWC Division, Keyport to enable each function to be performed more effectively with a broader technical perspective. Not only are facilities and equipment shared, but equally important, the technical personnel are able to acquire expertise from

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### **3. Organization (cont.)**

#### **3.1 (cont.)**

a broader perspective and apply it to a wider range of situations. Engineers and technicians assigned to the depot may also work on in-service engineering tasks, or gain insight to a problem from familiarity with a process from another assignment.

NUWC Division, Keyport is a leader in employing Total Quality principles to its operations. It is one of three organizations in the entire Federal Government to win the 1994 National Quality Improvement Prototype Award, and it was the only Navy finalist for this prestigious recognition. In announcing this year's winners, Michele Hunt, Director of the Federal Quality Institute, said, "These organizations are among the very best in government. They exemplify the vision of the Vice President's National Performance Review--a government that works better and costs less." The Secretary of the Navy, The Honorable John H. Dalton, has recognized NUWC Division, Keyport's "focus on the customer, organization-wide implementation, cross functional standing teams, and Union-Management partnership" which "demonstrate what government can do when there is a strong shared vision and a commitment to excellence throughout the organization." Transfer of Undersea Warfare depot/industrial workload to another activity would lose the value of an organization with an acknowledged record of excellence in quality.

# Document Separator

NUWC HQ  
DATA CALL #4

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

G. R. STERNER

NAME (Please type or print)

Signature

Commander  
Naval Sea Systems Command

Date

5-13-94

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. GREENE

NAME (Please type or print)

Signature

Title

Date

ACTING

23 MAY 1994

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

Scott L. Sears, RADM U.S. Navy  
NAME

Scott L. Sears  
Signature

Commander  
Title

11 May 1994  
Date

Naval Undersea Warfare Center  
Activity

The information to which this certification pertains is described as follows:

Data Call #4, 11 May 1994 for the Naval Undersea Warfare Center.

# Document Separator

211

Data Call 66: Installation Resources

Activity Name:	Naval Undersea Warfare Center Newport, RI
UIC:	68934

**1. Base Operating Support (BOS) Cost Data:**

a. **Table 1A** - This table shows the Base Operating Support Costs (Other than DBOF overhead).

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Naval Undersea Warfare Center Newport, RI		UIC: 68934	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Maintenance and Repair	\$0	\$0	\$0
1b. Minor Construction	\$0	\$0	\$0
<b>1c. Sub-Total 1a. and 1b.</b>	\$0	\$0	\$0
<b>2. Other Base Operating Support Costs:</b>			
2a. Utilities	\$0	\$0	\$0
2b. Transportation	\$0	\$0	\$0
2c. Environmental	\$0	\$0	\$0
2d. Facility Leases	\$0	\$0	\$0
2e. Morale, Welfare, & Recreation	\$0	\$0	\$0
2f. Bachelor Quarters	\$0	\$0	\$0
2g. Child Care Centers	\$0	\$0	\$0
2h. Family Service Centers	\$0	\$0	\$0
2i. Administration	\$0	\$0	\$0
2j. Other (Specify)	\$0	\$0	\$0
<b>2k. Sub-total 2a. through 2j:</b>	\$0	\$0	\$0
<b>3. Grand Total (sum of 1c. and 2k.):<sup>(1)</sup></b>	\$0	\$0	\$0

<sup>(1)</sup>NUWC Center Management is a tenant of NUWC DIVNPT and does not receive funding for these purposes.

b. Funding Source. Not Applicable

c. **Table 1B** - This table shows the Base Operating Supports Costs (DBOF Overhead).

<b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>			
<b>Activity Name: Naval Undersea Warfare Center Newport, RI(1)</b>		<b>UIC: 68934</b>	
<b>Category</b>	<b>FY 1996 Net Cost From UC/FUND-4 (\$000)</b>		
	<b>Non-Labor</b>	<b>Labor</b>	<b>Total(2)</b>
<b>1. Real Property Maintenance Costs:(3)</b>			
1a. Real Property Maintenance(>\$15K)	\$0	\$0	\$0
1b. Real Property Maintenance(<\$15K)	\$0	\$0	\$0
1c. Minor Construction (Expensed)	\$0	\$0	\$0
1d. Minor Construction (Capital Budget)	\$0	\$0	\$0
<b>1c. Sub-Total 1a. and 1d.</b>	\$0	\$0	\$0
<b>2. Other Base Operating Support Costs:</b>			
2a. Command Office	\$9	\$21	\$30
2b. ADP Support	\$25	\$12	\$37
2c. Equipment Maintenance	\$11	\$1	\$12
2d. Civilian Personnel Services	\$13	\$20	\$33
2e. Accounting/Finance	\$24	\$18	\$42
2f. Utilities	\$59	\$0	\$59
2g. Environmental Compliance	\$28	\$6	\$34
2h. Police and Fire	\$15	\$9	\$24
2i. Safety	\$0	\$2	\$2
2j. Supply and Storage Operations	\$1	\$2	\$3
2k. Major Range Test Facility Base Costs	\$0	\$0	\$0
2l. Other (Specify)(4)	\$56	\$18	\$74
<b>2m. Sub-total 2a. through 2l:</b>	\$241	\$109	\$350
<b>3. Depreciation</b>	\$9	\$0	\$9
<b>4. Grand Total (sum of 1c., 2m, and 3.):(5)</b>	\$250	\$109	\$359

See footnotes next page.

(1) BOS costs are not maintained separately for NUWC Center Management which is a tenant of NUWCDIVNPT. The estimates have been allocated to NUWC Center Management based on a proportion of NUWCDIVNPT's FY 1996 budgeted end-strength with the following exceptions (utilities labor, police and fire, and other).

(2) Total costs identified below are net costs plus service cost center transfers and have been included in the appropriate line item.

(3) NUWC Center Management is a tenant of NUWCDIVNPT therefore, no costs are reported in this category.

(4) Other includes:	Labor	Command Support	\$18K
	Non-Labor	Communications	\$35K
		Command Support	\$12K
		Janitorial	\$8K
		GSA Lease	\$0K
		Entomology Services	\$1K

(5) Costs identified herein are based on the DBOF UC/FUND-4 Budget exhibit, but, in consonance with the intent of BRAC Data Call No. 66, exclude those costs which are not considered to be directly related to Base Operation Support for NUWC. Examples include FECA costs and separation incentive pay.

**2. Services/Supplies Cost Data.** Table 2 provides information about projected **FY 1996** costs for the purchase of services and supplies by NUWC.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name: Naval Undersea Warfare Center Newport, RI</b>	<b>UIC: 68934</b>
<b>Cost Category</b>	<b>FY 1996 Projected Costs (\$000)</b>
<b>Travel:</b>	\$200
<b>Material and Supplies (including equipment):</b>	\$206
<b>Industrial Fund Purchases (other DBOF purchases):</b>	\$31
<b>Transportation:</b>	\$0
<b>Other Purchases (Contract support, etc.):</b>	\$207
<b>Total:(1)</b>	\$644

(1) All costs are based on the estimated Center Management budget.

**3. Contractor Workyears.**

**a. On-Base Contract Workyear Table.** Table 3 provides a projected estimate of the number of contract workyears expected to be **performed "on base"**<sup>(1)</sup> in support of NUWC during FY 1996.

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name: Naval Undersea Warfare Center Newport, RI</b>	<b>UIC: 68934</b>
<b>Contract Type</b>	<b>FY 1996 Estimated Number of Workyears On-Base</b>
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other: <sup>(1)</sup>	0
<b>Total Workyears:</b>	<b>0</b>

<sup>(1)</sup>"On Base" is defined as on-site at NUWC, Newport, RI.

**b. Potential Disposition of On-Base Contract Workyears.** If the mission/functions of NUWC were relocated to another site, the anticipated disposition of the **on-base contract workyears** identified in Table 3 would be as follows:

1) Estimated number of contract workyears which would be transferred to the receiving site:

0

2) Estimated number of workyears which would be eliminated:

0

3) Estimated number of contract workyears which would remain in place:

0

c. **"Off-Base" Contract Workyear Data.** Contract workyears located in the local<sup>(1)</sup> community, but not on-base, that would either be eliminated or relocated if NUWC were to be closed or relocated are as follows:

<sup>(1)</sup>Local is defined as within a 50 mile radius from the NUWC site.

<b>No. of Additional Contract Workyears Which Would Be Eliminated</b>	<b>General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)</b>
0	All local community contract workyears are in support of the technical mission, and would have to be relocated if NUWC were closed or relocated.

<b>No. of Additional Contract Workyears Which Would Be Relocated</b>	<b>General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)</b>
2	Support of the Naval Undersea Warfare Center mission

BRAC-95 CERTIFICATION

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I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

RADM Scott L. Sears U.S. Navy  
NAME

Scott L. Sears  
Signature

Commander  
Title

1 AUG 94  
Date

Naval Undersea Warfare Center  
Activity

The information to which this certification pertains is described as follows:

DATA CALL #66, INSTALLATION RESOURCES  
FINAL VERSION 14:30 29 July 1994

NUWC HQ  
DATA CALL #66

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

G. R. STERNFF

NAME (Please type or print)

Signature

Title  
Systems Command

Date  
8-15-94

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)  
W. A. EARNER

NAME (Please type or print)

Signature

Title

Date  
8/24/94

211

**DATA CALL 1: GENERAL INSTALLATION INFORMATION**

**1. ACTIVITY: Naval Undersea Warfare Center, Center Management (Headquarters)**

- Name

Official name	Naval Undersea Warfare Center Center Management (Headquarters)
Acronym(s) used in correspondence	COMNAVUNWARSEACEN
Commonly accepted short title(s)	NUWC

- Complete Mailing address

Commander  
 Naval Undersea Warfare Center  
 1176 Howell Street  
 Newport, RI 02841-1708

- PLAD

COMNAVUNWARSEACEN NEWPORT RI

- PRIMARY UIC: N68934

PURPOSE

- ALL OTHER UIC(s): \_\_\_\_\_

N68965	COMNAVUNSEAWARCENT DET WASHINGTON MILITARY (only LCDR Legge)
N66604	NAVUNSEAWARCENDIV NEWPORT*
N00253	NAVUNSEAWARCENDIV KEYPORT*

**\*Note:** NUWC Divisions (Newport and Keyport) are lower echelon commands, each with separate and distinct BRAC Data Call #1 submissions.

**ADMINISTRATIVE-SENSITIVE**

**2. PLANT ACCOUNT HOLDER:**

- Yes \_\_\_\_\_ No   X   (check one)

**3. ACTIVITY TYPE:**

- HOST COMMAND:

- Yes \_\_\_\_\_ No   X   (check one)

- TENANT COMMAND:

- Yes   X   No \_\_\_\_\_ (check one)

- Primary Host (current) UIC:   N66604

- Primary Host (as of 01 Oct 1995) UIC:   N66604

- Primary Host (as of 01 Oct 2001) UIC:   N66604

- INDEPENDENT ACTIVITY:

- Yes \_\_\_\_\_ No   X   (check one)

**ADMINISTRATIVE-SENSITIVE**

**4. SPECIAL AREAS:**

Name	Location	UIC
SEE NOTE		

**5. DETACHMENTS:**

Name	UIC	Location	Host name	Host UIC
COMNAVUNSEAWARCEN DET WASHINGTON CIVILIAN	N68934	Washington	NAVSEA	N00024
COMNAVUNSEAWARCEN DET WASHINGTON MILITARY	N68965	Washington	NAVSEA	N00024

**Note:** NUWC Center Management is a Tenant Command to NUWC Division Newport, which submitted a separate and detailed response to BRAC Data Call #1.

**ADMINISTRATIVE-SENSITIVE**

## **6. BRAC IMPACT:**

NUWC Center Management has been affected by two previous BRAC decisions: BRAC-91 and BRAC-93.

### **Base Realignment and Closure 1991 (BRAC-91)**

Congressional approval of BRAC-91 recommendations and the Secretary of Navy (SECNAV) consolidation plan of 12 April 1991 resulted in the establishment of the Naval Undersea Warfare Center (NUWC) on 2 January 1992.

As a result of the SECNAV RDT&E, Engineering and Fleet Support Activities Consolidation Plan of 12 April 1991, the Naval Undersea Warfare Center was established by a realignment of the Naval Underwater Systems Center (NUSC), Newport, RI, and New London, CT; the Naval Sea Combat/Systems Engineering Station (NSCSES), Norfolk, VA; and the Trident Command and Control System Maintenance Activity (TRICCSMA), Newport, RI into the Naval Undersea Warfare Center Division, Newport (NUWC DIVNPT). The Naval Undersea Warfare Engineering Station (NUWES), Keyport, WA was also realigned into the Naval Undersea Warfare Center Division Keyport as a result of the SECNAV Consolidation Plan of 12 April 1991.

As a result of this consolidation, NUWC provides full spectrum warfare system life-cycle capability for submarine and undersea warfare, including: Science and Technology, Requirements Analysis, Concept Development, Advanced Development, Acquisition Engineering, Production Support, Operational Systems Support, and Product Improvement.

As a result of BRAC-91, Commander NUWC reports to COMNAVSEASYS COM who is the chartering authority. COMNUWC operates with a small immediate staff, augmented by support from NAVSEA, Washington and NUWC field components. Commander NUWC manages the Center, exercising business and technical judgment in coordinating policies directly with other Warfare Center Commanders, other Systems Commands and agencies.

**ADMINISTRATIVE-SENSITIVE**

## **Base Realignment and Closure 1993 (BRAC-93)**

Congressional approval of the BRAC-93 recommendations disestablished the Naval Undersea Warfare Center Detachment, Norfolk (NUWCDETNR) and relocated its functions to the Naval Undersea Warfare Center Division, Newport (NUWC DIVNPT). The principal function of NUWCDETNR is in-service engineering (ISE), which involves engineering support, integrated logistics support (ILS), and technical support of submarine and surface ship undersea warfare systems in the fleet. This action consolidates these ISE functions into NUWC DIVNPT's core technical product-oriented functions conducted at the Newport Site.

### **Summary**

Significant cost savings and technical synergy have resulted from consolidation of the torpedo, torpedo self defense and unmanned undersea vehicle programs at NUWC. In addition, near and longer term program savings are being realized by having more effective and innovative programs supported by fewer employees. At the same time, the consolidation of like products has strengthened essential product-oriented technology concentrations, which must be retained at levels appropriate for supporting the industrial base and maintaining substantive competition.

Consolidation of undersea warfare products at NUWC initiated by BRAC-91 and BRAC-93 has clearly resulted in significant savings to the customer.

**ADMINISTRATIVE-SENSITIVE**

## 7. MISSION:

### Current Mission

NUWC Center Management provides Center level leadership for NUWC Division Newport and NUWC Division Keyport, and is responsible for fulfilling Center management responsibilities identified in SECNAVINST 5400.16 e.g., "to streamline and strengthen RDT&E management." Center Management functionally integrates the two Divisions and coordinates the application of assets and resources across the entire life cycle of undersea warfare systems, from research and development through in-service support to eventual system retirement.

Commander, Naval Undersea Warfare Center employs a continuous process of self-examination to evaluate past, present, and future mission roles and responsibilities and core technical capabilities. From this ongoing process a set of distinct, complementary and non-overlapping roles and responsibilities for NUWC Division Keyport and NUWC Division Newport have been promulgated. Specific authorities and responsibilities of Commander NUWC, in accordance with NUWC's Charter signed by the Commander, Naval Sea Systems Command on 2 January 1992 and officially promulgated in NAVSEAINST 5450.67 of 8 May 1992, include:

- 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.
- 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.
- Establish and maintain NUWC operational policies and directives, together with strategic and business plans. Assign technical roles and functional responsibilities for NUWC Divisions.

**ADMINISTRATIVE-SENSITIVE**

- 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.
- 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.
- Discharge assigned technical management responsibilities in a manner consistent with policies and procedures established by the Navy Acquisition Executive, ASN (RDT&E).
- 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:
  - NUWC business plans and budgets support, where possible, the annual budget submissions of these customers.
  - Appropriate new, or additional ongoing work, is assigned to NUWC as directed by SECNAV.
  - 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.
- Review and concur in Navy Integrated Program Summaries (IPS) or other appropriate program documents in so far as they require support from NUWC. Focus technical areas of expertise and maintain functional purity to best support program requirements identified in IPS and related planning documents.

The Naval Undersea Warfare Center, responsible for a unique set of technical leadership areas, has emerged as a center of technical excellence through the concentration of work and capabilities in one activity. Commander NUWC is responsible for the oversight and management of Naval Undersea Warfare activities. The mission of the Naval Undersea Warfare Center, delineated in OPNAV Note 5450 ser 09822/IU510577 dated 23

**ADMINISTRATIVE-SENSITIVE**

December 1991, states that NUWC Center Management is ultimately responsible for the direction of NUWC as:

*"The Navy's full spectrum research, development, test & evaluation engineering, and fleet support Center for submarines, autonomous underwater systems, and offensive and defensive weapons systems associated with Undersea Warfare."*

In fulfilling this mission, NUWC Center Management provides the Navy with leadership, knowledge, understanding and management of the following unique set of technical leadership areas (SECNAVINST 5400.16 dtd 18 Dec 92):

1. Undersea Warfare Modeling and Analysis
2. Submarine Combat and Combat Control Systems
3. Submarine and Surface Ship Sonar Systems
4. Submarine Electronic Warfare
5. Submarine-Unique Onboard 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-Optical, and Nonacoustic-Effects Reconnaissance, Search and Track Systems
9. Undersea Vehicle Active and Passive Signatures
10. Submarine Vulnerability and Survivability
11. Torpedoes and Torpedo Countermeasures

**ADMINISTRATIVE-SENSITIVE**

## Projected Missions for FY 2001

The Naval Undersea Warfare Center current mission will continue with external and internal purification/streamlining essentially completed by this time. The mission of NUWC Center Management will still include technical program management oversight and is projected to include representation of Navy undersea warfare in-house capabilities for inter-service program developments.

NUWC Center Management has established the following six strategic thrust areas that will ensure a successful future direction for the Center:

1. Sustain and enhance core technical capability to assure Navy leadership in the execution of Undersea and Submarine Warfare.
  - Identify the required core technical capabilities for NUWC's current and future roles, and the procedures necessary to sustain and enhance these critical strategic assets. Provide those technical capabilities that are essential to assure Navy leadership in the execution of Undersea and Submarine Warfare both today and in the future security environment (e.g....From the Sea). Provide the government with "smart buyer" capability, basic and applied research, system development, and supporting industrial base, mobilization and reconstitution needs in Undersea and Submarine Warfare.
2. Continuously improve business management and support systems performance.
  - Apply modern business management tools and practices within the framework of Total Quality Leadership and the parameters of responsible stewardship to reduce costs, optimize resource utilization, and capitalize on operating environment changes while striving for excellence.
3. Maintain a superior work force, ensuring employees an equal opportunity to realize their full potential.

**ADMINISTRATIVE-SENSITIVE**

- Create a work environment which provides for intellectual growth, emotional and physical well being and ensures the continuing presence of a competent and motivated work force as required for core business and related technology areas.
4. Rightsize the organization to meet post cold war Navy needs.
- Eliminate duplication of efforts and consolidate similar responsibilities within the Center and the Navy in order too meet assigned cost savings and goals. Prudent management and accountability of NUWC's efforts dictates that we clearly define our internal roles and responsibilities and, similarly, seek external purification to rightsize our workforce and provide best value to our customer.
5. Achieve and sustain teamwork
- Achieve and sustain teamwork throughout the organization by embracing Total Quality Leadership principles, fostering shared strategic objectives, implementing coordinated strategic management, promoting enhanced communications, and pursuing joint inter-divisional programs.
6. Provide innovative products and services to reduce budget requirements and give best value to our customers.
- Identify and initiate positive policies by recognizing who our customers are and what they expect from our products and services, emphasizing our customer relationships through consistency of performance, and providing "best value" (doing the right things over the life of the program at the fight costs). Continue to measure and analyze our performance to ensure we know how well we satisfy our customers.

**ADMINISTRATIVE-SENSITIVE**

## 8. UNIQUE MISSIONS:

### Current Unique Missions

The Naval Undersea Warfare Center has emerged as a center of technical excellence through the concentration of work and capabilities in one activity. Commander NUWC is responsible for the oversight and management of Naval Undersea Warfare activities. The unique mission of the Naval Undersea Warfare Center, delineated in OPNAV Note 5450 ser 09822/IU510577 dated 23 December 1991, states that NUWC Center Management is ultimately responsible for the direction of NUWC as:

*"The Navy's full spectrum research, development, test & evaluation engineering, and fleet support Center for submarines, autonomous underwater systems, and offensive and defensive weapons systems associated with Undersea Warfare."*

NUWC provides the Navy with leadership, knowledge, understanding and management in fulfilling this mission with the following unique set of technical leadership areas (SECNAV Instr 5400.16 dtd 18 Dec 92):

1. Undersea Warfare Modeling and Analysis
2. Submarine Combat and Combat Control Systems
3. Submarine and Surface Ship Sonar Systems
4. Submarine Electronic Warfare
5. Submarine-Unique Onboard 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-Optical, and Nonacoustic-Effects Reconnaissance, Search and Track Systems
9. Undersea Vehicle Active and Passive Signatures
10. Submarine Vulnerability and Survivability
11. Torpedoes and Torpedo Countermeasures

**ADMINISTRATIVE-SENSITIVE**

### **Projected Unique Missions for FY 2001**

The Center will constitute DoD's core of undersea warfare technical expertise and, as such, will be charged to maximize the effectiveness of the Navy's in-house technical performance in acquiring, maintaining, and using needed undersea warfare systems. As stated in Section 7, **Projected Missions for FY 2001**, NUWC Center Management intends to pursue a strategic direction that will ensure a successful future for the Center relative to our unique mission in Naval undersea warfare.

**ADMINISTRATIVE-SENSITIVE**

**9. IMMEDIATE SUPERIOR IN COMMAND (ISIC):**

- Operational name UIC  
Naval Sea Systems Command N00024
- Funding Source UIC  
DBOF Multiple

**10. PERSONNEL NUMBERS:**

On Board Count as of 01 January 1994

	<u>Officers</u>	<u>Enlisted</u>	<u>Civilian (Appropriated)</u>
• Reporting Command	<u>2</u>	<u>0</u>	<u>18</u>
• Tenants (total)	<u>0</u>	<u>0</u>	<u>0</u>
• Selected Reserve	<u>0</u>	<u>0</u>	<u>0</u>

Authorized Positions as of 30 September 1994

	<u>Officers</u>	<u>Enlisted</u>	<u>Civilian (Appropriated)</u>
• Reporting Command	<u>2</u>	<u>0</u>	<u>18</u>
• Tenants (total)	<u>0</u>	<u>0</u>	<u>0</u>
• Selected Reserve	<u>0</u>	<u>0</u>	<u>0</u>

**11. KEY POINTS OF CONTACT (POC):**

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
Commander Rear Admiral S.L. Sears	(401)841-6762 DSN948-6762	(401)841-6790	(401)847-1246
Technical Director Mr. E.L. Messere	(401)841-2550 DSN948-2550	(401)841-6777	(401)783-8343
BRAC-95 Coordinator Mr. E.A. Stewart	(703)602-8466/x618 DSN332-8466/x618	(703)602-8474	(703)683-6511
Executive Assistant LCDR T.J. Kaiser	(401)841-1525 DSN948-1525	(401)841-6777	(401)683-1918
Command Duty Officer (See Note)	(401)841-3145 DSN948-3145	N/A	N/A

**Note:** The Command Duty Officer serves both NUWC Division Newport (Host Command) and NUWC Center Management (Tenant Command), performing identical services and duties for both organizations.

**ADMINISTRATIVE-SENSITIVE**

**12. TENANT ACTIVITY LIST:**

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
SEE NOTE				

- Tenants residing on main complex (homeported units)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
SEE NOTE				

Note: See footnotes at end of this section.

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex, e.g., outlying fields).

Tenant Command Name	UIC	Officer	Enlisted	Civilian
SEE NOTE				

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
SEE NOTE				

**Note:** NUWC Center Management is a Tenant Command to NUWC Division Newport, which submitted a separate and detailed response to BRAC Data Call #1.

**ADMINISTRATIVE-SENSITIVE**

13.

**REGIONAL SUPPORT:**

**NAVY**

Activity Name	Location	Support Function
SEE NOTE		

**DOD**

SEE NOTE		
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**OTHER GOVERNMENT**

SEE NOTE		

**INDUSTRY**

SEE NOTE		

**ACADEMIC INSTITUTIONS**

SEE NOTE		

**OTHER INVOLVEMENT**

SEE NOTE		

**LOCAL COMMUNITY**

SEE NOTE		

**Note:** NUWC Center Management is a Tenant Command to NUWC Division Newport, which submitted a separate and detailed response to BRAC Data Call #1.

**ADMINISTRATIVE-SENSITIVE**



DATA CALL #1  
NUWC HQ

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

**J. B. GREE**  
NAME (Please type or print)

Signature

**ACTING**  
Title

**14 JUL 1994**  
Date

**BRAC-95 CERTIFICATION**

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniform and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of the certification sheet, the commander of the activity will begin the certification process, and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Scott L. Sears, Rear Admiral, U.S. Navy  
Name

Scott L. Sears  
Signature

Commander  
Title

6 Jul 94  
Date

Naval Undersea Warfare Center  
Activity

The information to which this certification pertains is described as follows:

BRAC-95 Data Call #1 for Naval Undersea Warfare Center, Headquarters (Center Management)

UIC: N68934