

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

Date

*G. R. Sterner*  
10/28/94

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

*W. A. Earner*  
11/7/94

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.

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

CAPT V. E. MAHAFFEY  
NAME (Please type of print)

COMMANDER (ACTING)  
Title

NAVAL SURFACE WARFARE CENTER  
Activity

  
Signature

28 Oct 94  
Date

DATA CALL #12, AMEND 1  
LJCSG PRESENTATION  
NSWC  
"ENERGETICS OVERVIEW"



**NAVY ENERGETICS PRESENTATION  
TO THE  
LABORATORY JOINT CROSS-SERVICE GROUP**

**DR. IRA BLATSTEIN  
20 OCTOBER 1994**



# Energetics

**“Explosives, Propellants, and Pyrotechnics including their related component application in Weapons and Space Launched Vehicles. Typically, this would include all applications through the following components:”**

- \*Conventional Rocket Motors
- \*Tactical Missile Motors
- \*Strategic Missile Motors
- \*Gun Ammunition Propelling Charge
- \*Rocket Assisted Projectile Motor
- \*Space Propulsion Booster
- Orbit Transfer Vehicle Propulsion
- \*Cruise Missile Booster
- \*Gas Generators
- \*CAD/PAD/AEPS
- \*Torpedo Propulsion
- \*Anti-Armor Warheads
- \*High Explosive Warheads
- \*Hard Target Warheads
- \*Fuel Air Explosives
- \*Underwater Explosives
- \*Demolition Explosives
- \*Explosive Devices (Boosters, Detonators, Explosive Trains,etc)
- \*Ignition Devices
- \*Incendiary Devices
- \*Signal Devices (Light, Sound, Smoke)
  
- \* Related technology associated with Explosives, Propellants, Pyrotechnics: chemical synthesis and characterization, environmental engineering of energetics, environmental engineering of energetics processes and materials, energetics manufacturing technology (MANTECH), energetic demilitarization and disposal

**\* Denotes significant Navy capability/achievement**



# WHY THE NAVY MUST BE INVOLVED IN ENERGETICS

- **Energetics Are Primarily Military and Require In-House Knowledge Base**
- **Navy Has Unique Requirements**
  - Insensitive munitions
  - HERO / RADHAZ
  - Underwater explosives/warheads
  - Variety of platforms
- **Navy Has Broadest Requirements and Capability**
  - Knowledge
  - Fielded systems
  - Workload: Preponderance of RDT&E
  - Facilities: Modern, state-of-the-art
  - Leads the development of energetics

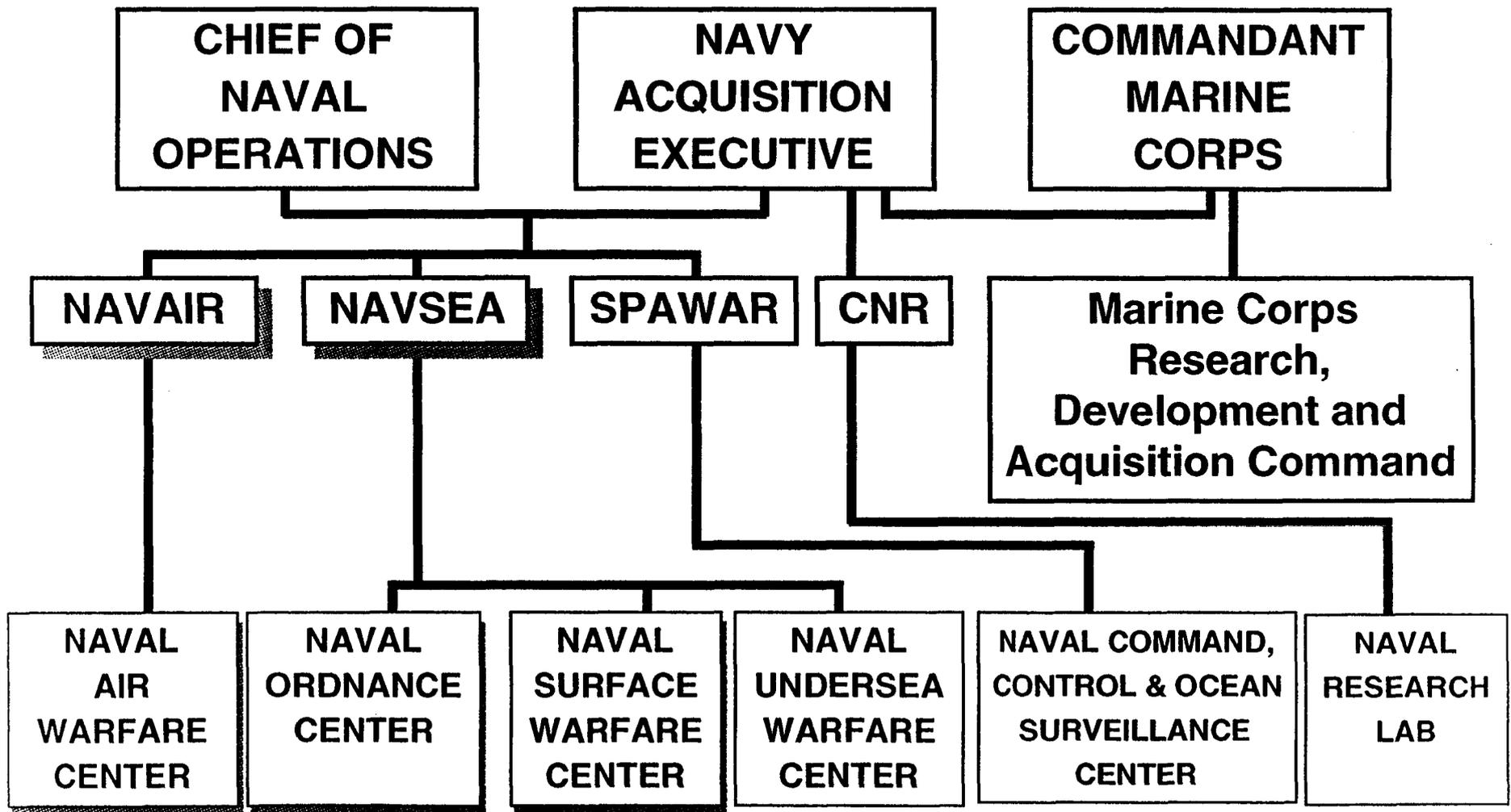


## **EXAMPLES OF CURRENT CROSS-SERVICE EFFORTS**

- **Low Vulnerability Ammunition (LOVA) for Army**
- **Tri-Service Charter for CAD/PAD/AEPS**
- **Tri-Service Explosive Ordnance Disposal**
- **2.75" Rocket for Army**
- **Tri-Service Jet Assisted Take Off (JATO)**
- **Joint development on JSOW/JDAM for AirForce**
- **Cooperative propulsion activities with AirForce, Phillips Lab and NASA Jet Propulsion Lab**
- **Propellant/Propulsion technology support for Army and Air Force**
- **Warhead support for AMRAAM for AirForce, Patriot and Javelin for Army, SRAW/SMAW for Marine Corps**
- **Principal US Group for Air Target vulnerability**



# Navy Organizations Involved in Energetics

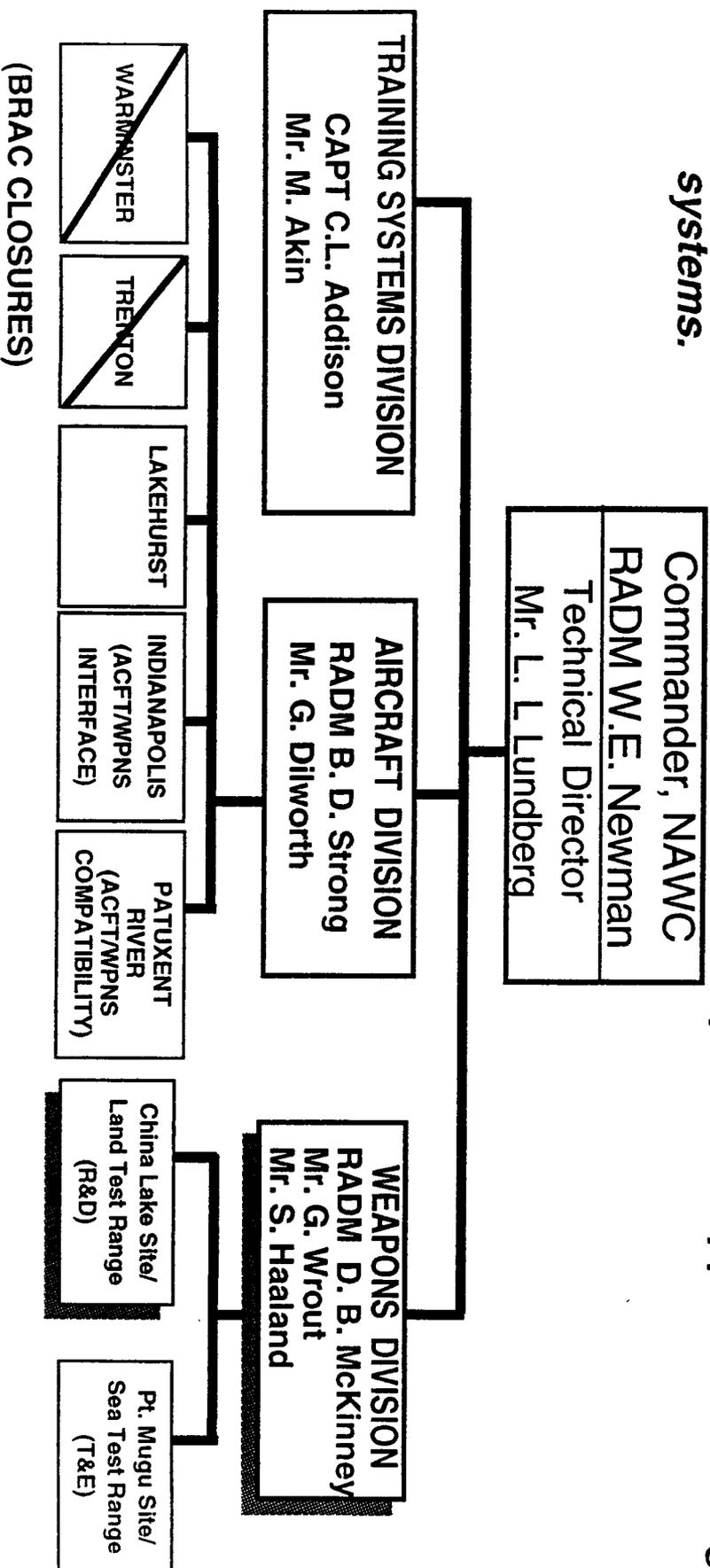




# NAVAL AIR WARFARE CENTER

## MISSION

*To be the Navy's full spectrum research, development, test and evaluation, engineering, and fleet support center for air platforms, autonomous air vehicles, missiles and missile subsystems, weapons systems associated with air warfare, and for sensor systems used to conduct anti-submarine warfare from air platforms; and to be the principal Navy center for acquisition and product support of training systems.*





# **NAVAL ORDNANCE CENTER NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY DIVISION**

## **UNIQUE MISSION:**

- NAVY SINGLE-SERVICE MANAGED DOD EOD TECHNOLOGY AND TRAINING PROGRAM**
- SUPPORTS ALL JOINT SERVICE AND GOVERNMENT AGENCY PEACETIME EOD TECHNOLOGY REQUIREMENTS, NOT DUPLICATED ANYWHERE**

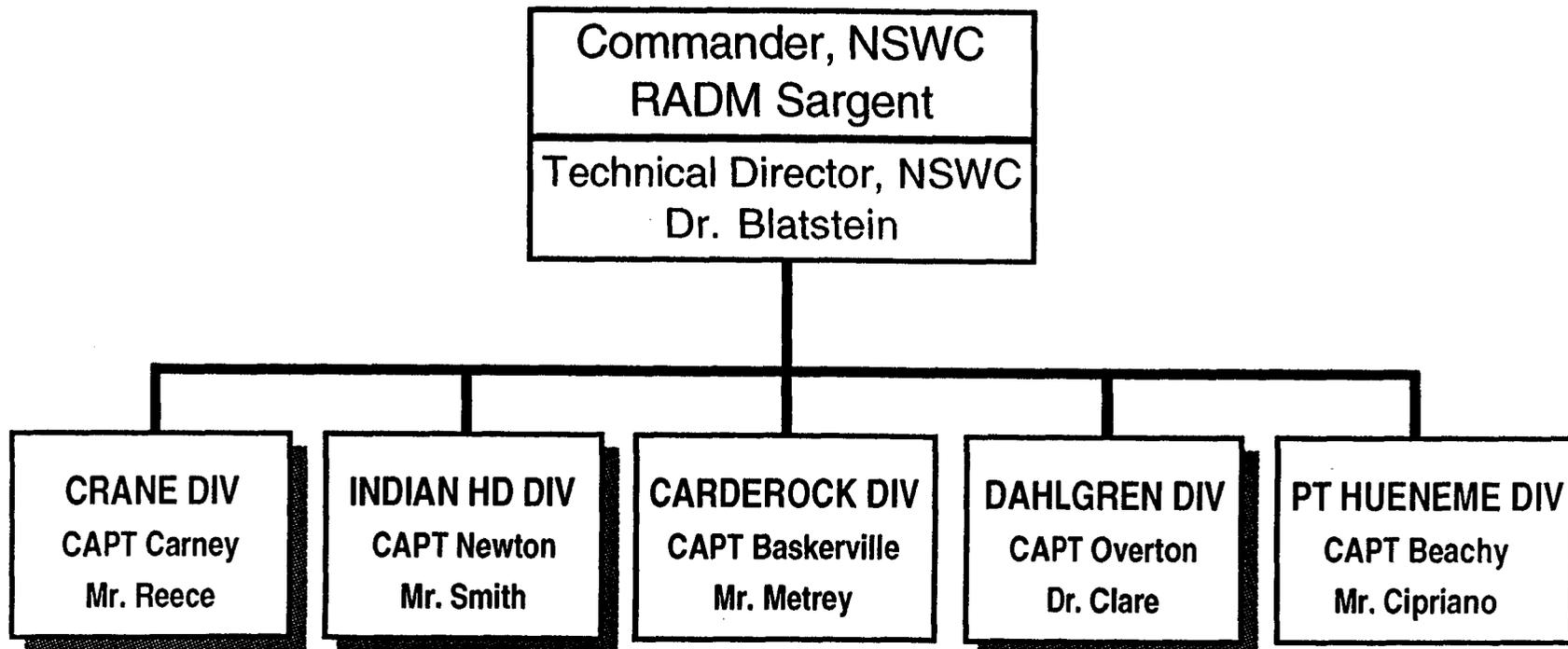
- NEODTD USES CERTIFIED ENERGETIC MATERIALS AS AN ELEMENT IN THE DEVELOPMENT OF PROCEDURES AND EQUIPMENT USED BY MILITARY EXPLOSIVE ORDNANCE DISPOSAL TECHNICIANS**
- SYNERGISTICALLY COLOCATED AT NSWC IHDIV**



# NAVAL SURFACE WARFARE CENTER

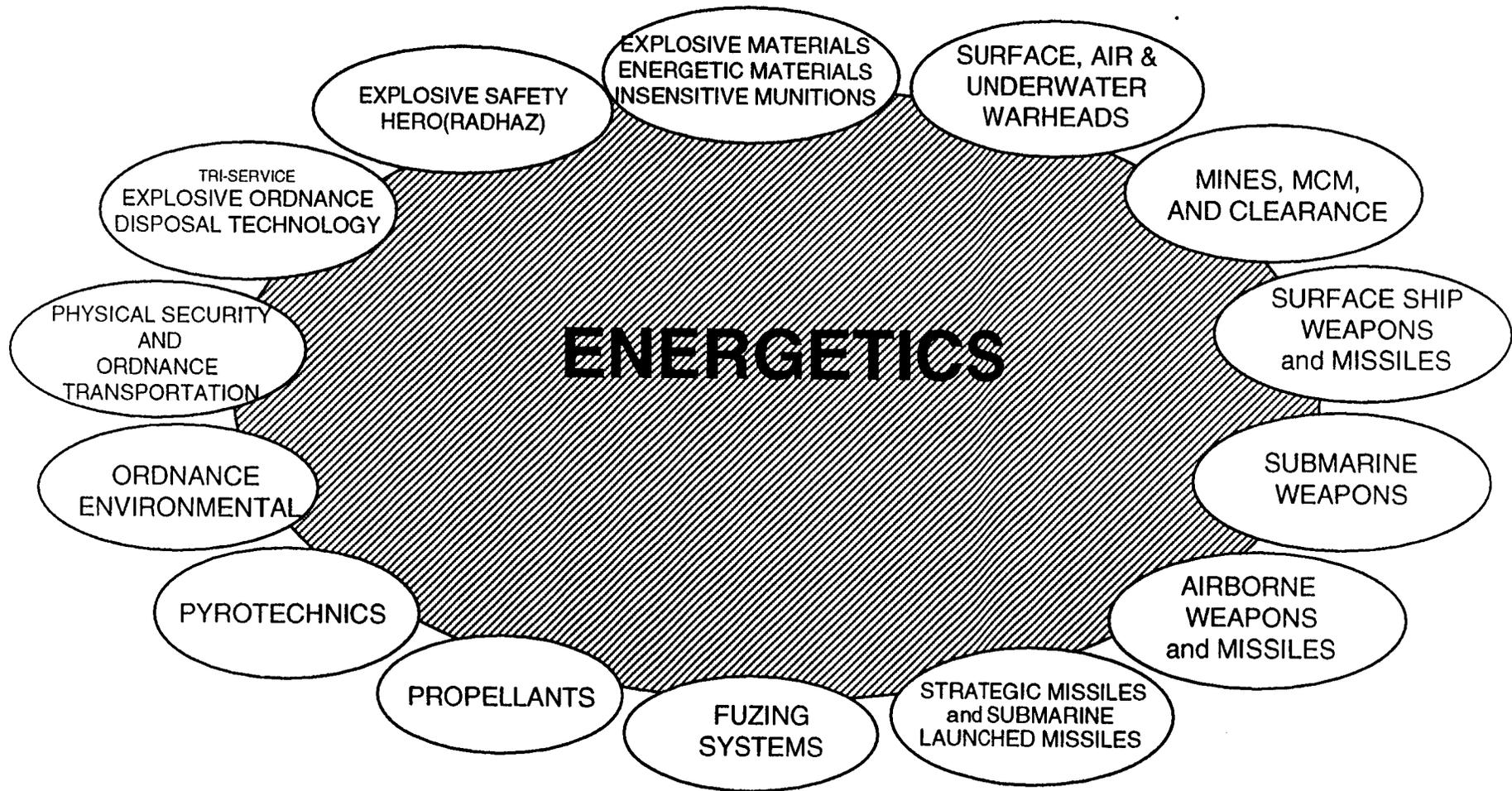
## MISSION

*Operate the Navy's full spectrum research, development, test and evaluation, engineering, and fleet support center for ship hull, mechanical and electrical systems, surface ship combat systems, coastal warfare systems, and other offensive and defensive systems associated with surface warfare.*



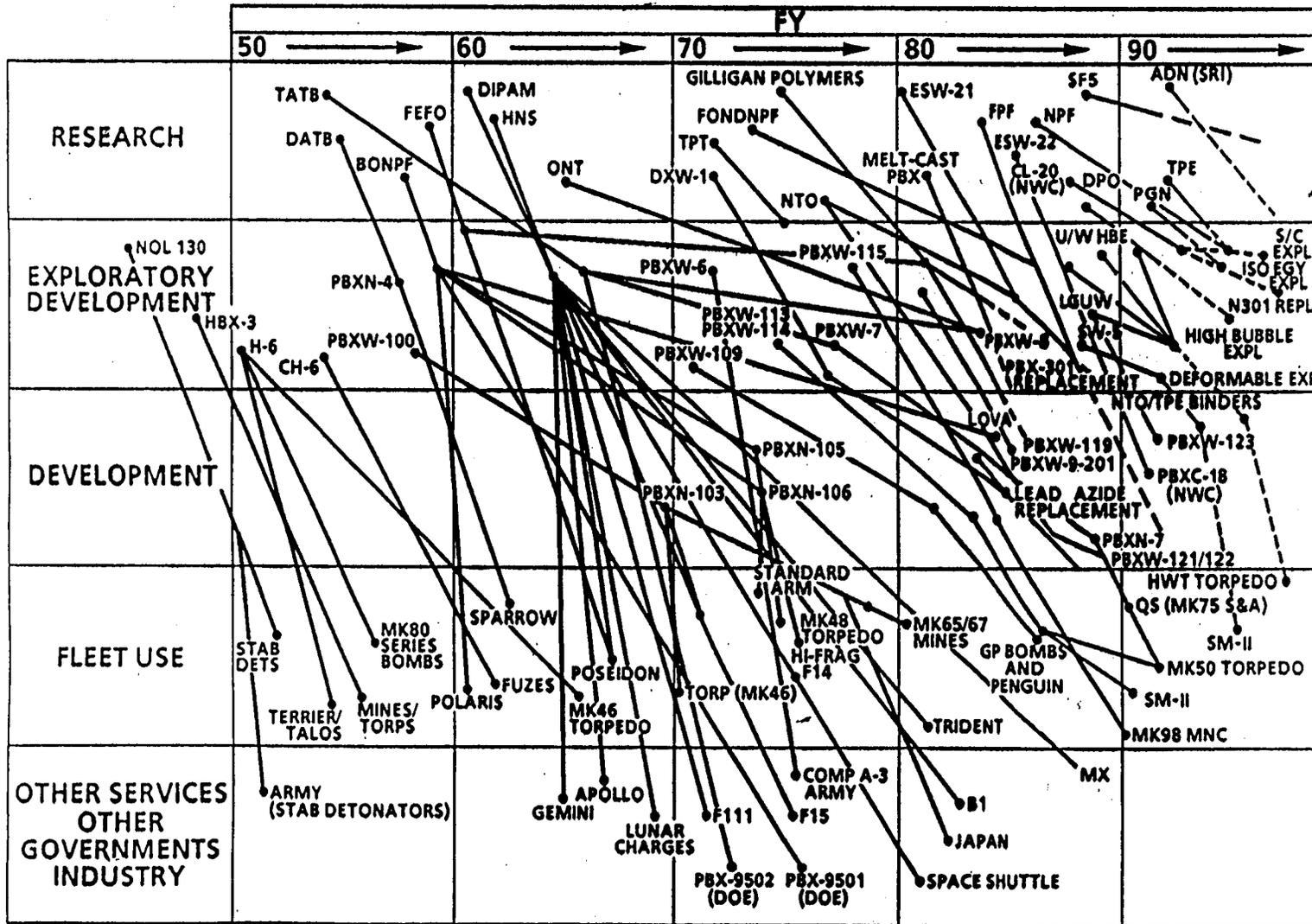


# Navy Energetic and Related RDT&E Responsibilities



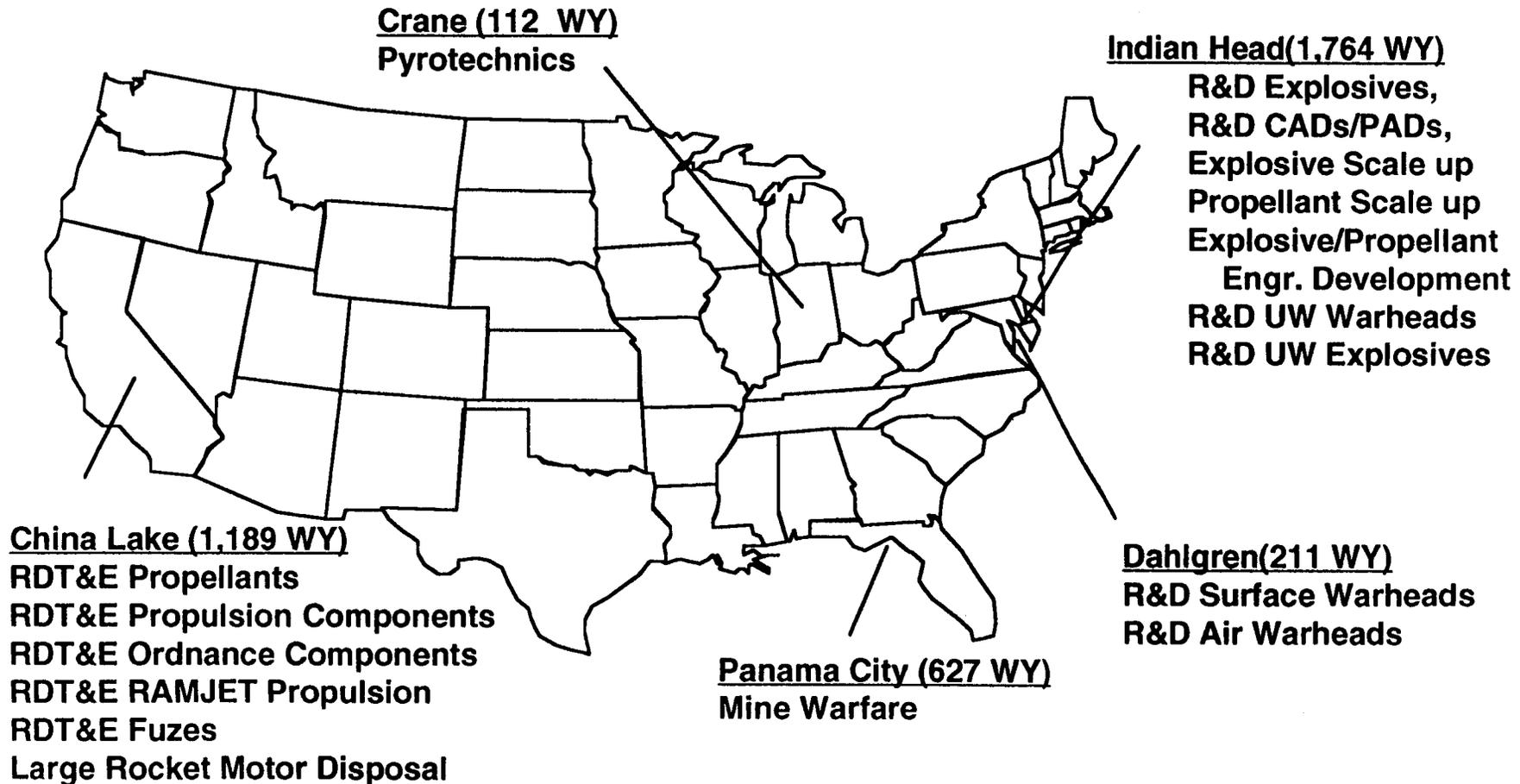


# SAMPLE OF NAVY ENERGETICS INTELLECTUAL & TECHNICAL CAPABILITY





# NAVY ENERGETICS AND RELATED CONSOLIDATIONS



\* This chart denotes lead activity for indicated capabilities.



## OBSERVATIONS

- **Navy's broad requirement for energetic material and systems requires comprehensive in-house capability**
- **Past BRACs have led to significant consolidations**
  - From four explosive and propellant capable sites to two (Indian Head, China Lake, ~~White Oak~~, ~~Yorktown~~)
  - Focused warheads
  - Focused mine warfare
  - Focused missiles
- **Navy has a proven RDT&E infrastructure including universities, university labs and the private sector**
- **NSWC and NAWC provide complementary and back up capabilities in critical DoD areas**
- **Navy has capability and capacity for additional full spectrum Joint Cross-service energetics support**

# Document Separator

# MILITARY VALUE DATA CALL

## TECHNICAL CENTER

Category	MATERIAL
Technical Center Site	NSWC Headquarters
Location/Address	Arlington, VA

Page

### Mission

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2. Joint Service Missions 1

### Technical Functions

3. Technical Functions Resource Allocations 2

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4. Work Breakdown Structure 3
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### Facilities and Equipment

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### Location

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### Features and Capabilities

9. Computational Facilities 15
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**TAB A** Technical Operations: Functional Support Area - Life Cycle Work Area Form

**TAB B** Facilities and Equipment: Facilities/Equipment Capability Form

**TAB C** Range Resources: Range Capability Form

**Appendix A** Functional Support Areas - Life Cycle Work Areas List

**Appendix B** Definitions for Functional Support Areas - Life Cycle Work Areas

## 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.

#### **OPNAVNOTE 5450 Dated 23 Dec 1991**

Operate the Navy's full spectrum research, development, test and evaluation, engineering, and fleet support center for ship hull, mechanical and electrical systems, surface ship combat systems, coastal warfare systems, and other offensive and defensive systems associated with surface warfare.

#### **NAVSEAINST 5450.66 Dated 8 May 92**

##### Leadership Areas

- 1) Surface Warfare Modeling and Analysis
- 2) Surface Ship Combat and Combat Control Systems
- 3) Surface Ship Electronic Warfare
- 4) Surface Ship Electromagnetic and Electro-optic Reconnaissance, Search and Track Systems
- 5) Surface Ship Weapon Systems (including shipboard missile integration)
- 6) Ship Vulnerability and Survivability (includes submarine HM&E)
- 7) Ship Active and Passive Signatures (includes submarine HM&E)
- 8) Surface and Undersea Vehicle Hull, Machinery, Propulsors and Equipment
- 9) Platform Systems Integration
- 10) Strategic Targeting Support (including Fire Control, Targeting and Re-entry Systems)
- 11) Amphibious Warfare Systems
- 12) Special Warfare Systems
- 13) Warheads (Explosives and Energetic Materials)
- 14) Mines, Mine Countermeasures and Mine Clearance Systems

**NAVSEA MISSION IMPERATIVES:** The above NSWC Mission requires its Divisions to support the fleet through prudent management of its assets. The NSWC supports the NAVSEA mission imperatives below in meeting the Center's Mission:

- a. Meet the Title 10 Statutory responsibilities.
- b. Retain accountability for the safety and effectiveness of all of its technical products;

- c. Retain sufficient infrastructure and expertise to be able to respond to the changes in the National needs;
- d. Retain Navy-to-Navy communications between the Fleet and the shore infrastructure where the Fleet meets the beach; and
- e. Ensure that acquisition decisions are inherently governmental.

**NAVAL WARSHIPS:** US Naval Warships are unique. Performance requirements of the US Navy Warships, both surface and submarines, must meet a wide range of environmental and operating conditions, including both deep and shallow waters and tropic to frigid environmental conditions. Though many of the technical design parameters for ocean going ships have common factors, the US Navy ships have the additional constraints that they must all operate under this wide range of conditions for extended periods, without the benefit of refitting, and many times during the same deployment. Additional unique performance requirements include:

- a. Structural members (hull, super-structure, bulkheads, etc.) integrity are sufficiently strong to sustain the ships warfighting capabilities under a damaged condition;
- b. Data and voice communication network within the ship's Combat Information Center; the fire control and target sensor systems, the counter-measure systems, the propulsor support systems, and the Command remain operational and can sustain the warfighting ability of the ship under damaged conditions;
- c. Operate under high speeds for sustained periods, exercise maximum maneuverability and stability, and operate safely in confined waters;
- d. Perform its warfighting functions throughout its operational envelope while minimizing its acoustic, electromagnetic, and electro-optical signatures, thereby providing greater stealth in detecting and attacking the enemy vehicle minimizing its own target size and characteristics;
- e. Support a wide range of auxiliary equipments on an integrated basis over a wide range ship classes under a full range of climatic conditions for all such classes; and
- f. Sustain sufficiently large crews to support its warfighting mission.

All of these performance characteristics are unique to the US Navy warships. The above required technical performance characteristics require a cadre of specialized personnel talents

and support facilities with an extensive experience base.

The critical design expertise required for combat weapon systems lies in the detect, control, and engage sequence, all of which have unique aspects for surface combatants. The inherently governmental functions of determining what warfighting functions get performed on which platforms and in which systems and computer programs in those platforms requires years of experience and competency in system knowledge. This competency exists within NSWC and is maintained by strong commitment to detect, control, engage capabilities. Designers of ship combat weapon systems must continually interact with platform designers to understand requirements, capabilities, and limitations and to make performance and cost trade-offs between the platforms and the combat system, thus the unique nature of U.S. warships whose mission is to place ordnance on target with repeatable destructive performance.

Combat weapon systems must be designed and built to operate from combatants over the full range of potential environments. Defensive combat systems are designed and built to respond to a severe and unique threat, which can come from under the ocean, from the air, from the surface of the ocean or from the land, often skimming feet above the surface. Offensive combat systems must be designed and built to operate from a moving and vibrating platform, to fit into constrained spaces, and to be operable and employable aboard ships. A core of experienced people in NSWC perform in-service engineering and logistics support to these deployed systems as required by the NAVSEA mission imperative to retain Navy to Navy communication between the Fleet and the shore infrastructure.

The NSWC provides the necessary synergism of the talent base and its wide array of specialized, unique or essential facilities in support of the inherently governmental function of acquiring technological superior integrated weapon and ship systems for the US Navy. Modern systems are so sophisticated and complex that they require technical understanding to make the required acquisition decisions. To acquire this understanding requires a combination of academic education and practical experience. The experience must include the gamut from technical feasibility to military utility. This requires close-coupling between the scientist and engineer and the warrior. In-house institutions are required to provide this experience, because they can couple with the user (warrior) with no conflict of interest. The life span of systems is long, sometimes longer than the companies that produce them. In-house institutions provide the technical warranty that insures the maintenance and modification of such systems over their lifetime. Thus, both in acquisition and ownership of the systems, in-house capability improves the Navy's risk management and allows the avoidance of surprise. This process is continuous and can not be effectively partitioned into pieces for individual execution. Thus, the *raison d'être* of the Naval Surface Warfare Center.

The Commander of the Naval Surface Warfare Center is currently executing his mission and responsibilities with these major initiatives:

1. Acting as the catalyst to better enable ships to be engineered as systems to develop a strategy that yields a top down, system engineered capability for combat systems, ship systems, and ship design. This means the totality of the ship as an integrated whole as opposed to a collection of interfaced systems. As the Navy addresses the ship as a system continuously throughout the entire life cycle, the Navy will have higher quality and more affordable and effective ships.

2. Developing integrated work processes to make the organization seamless in regard to life cycle support, allowing any task the benefit of the knowledge, expertise, and facilities of the Center at large. This will reduce production and maintenance costs while improving performance reliability; improve designs and maintenance by treating ships and combat systems appropriately as a system; and sustain our core technical capabilities with their specialized facilities and a critical mass of talent.

3. Innovatively developing and infusing world class science and technology (S&T) throughout the product areas and technical capabilities of the Center as well as the full life cycle of the products. Actively participate in Defense Conversion and Dual Use activities in order to maximize the effectiveness of Center capabilities first for service to the Navy, but also to serve national priorities. It involves all elements of the Warfare Center, those that produce S&T as well as those who influence S&T through feedback from Fleet needs and its actual application in the field. This ensures the Center's vision of enabling the engineering of technologically superior ships and systems.

4. Establishing and improving processes that will result in a satisfied workforce able to meet customer needs. Critical to achieving this goal is the understanding that "recognition" must be acknowledged both internally and externally, organizationally and individually, both qualitatively and quantitatively.

5. Providing the Center with top-level policies and strategies related to business operations and promote improvements and redefinition of some existing business processes. The business processes include: Financial management, Capital Equipment/facilities management, Material and Procurement management, Information Resource management, and Public Relations management. This aids the Center in improving the quality, affordability and responsiveness in support of mission performance; increasing the use and sharing of best business practices between Divisions; applying of State-of-the-Art business processes, i.e. Activity-Based accounting, networking, and process reengineering; and process standardization, where appropriate.

and

6. Identifying NSWC core capabilities that will meet requirements of today and the future. The core capability process defines and links the Center's technical operations, its work and its processes, the people that are needed to execute this work and the products/services that are produced and delivered to the customer. This the basis for rightsizing the Center. It defines the process by which the Naval Surface Warfare Center determines core; defines the relationship between the elements that make up a technical capability, e.g. technological competencies, people and requisite facilities.

**NAVSEAINST 5450.66 8 May 92 cites the following COMNSWC functions.**

1. Direct NSWC as the Navy's integrated, full spectrum Center for science and technology, RDT&E, engineering and Fleet support for all aspects of Naval surface warfare.

2. Establish policy and procedures to assure that work which clearly aligns within NSWC technical leadership areas is assigned and funded directly to the NSWC field component. In cases where work requirements do not clearly align within NSWC technical leadership areas, COMNSWC will exercise approval and control authority regarding acceptance of that work and funding within the Center.

3. Establish and maintain NSWC operational policies and directives, together with strategic and business plans. Assign technical roles and functional responsibilities for NSWC divisions.

4. Establish new technical leadership areas, in coordination with the Navy Laboratory/Center Coordinating Group, when necessary to assure functional purification and focus in support of surface warfare.

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

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

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

b. Appropriate new or additional ongoing work is assigned to NSWC as

directed by SECNAV.

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

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

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

We hold ourselves accountable for the above and the responsibility of ensuring the delivery of technologically superior, integrated combat, weapons and ship systems that will continue to provide for the safe and effective deployment of our Naval Forces in the years to come.

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

Joint mission statements are noted in specific Division's submits of BRAC DATA CALL #5.

## 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

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.

## 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.

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: NSWC HQ) (UIC: 68933 )**

Function	Space allocated (GSF)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Pers. Onboard	
					Off	Enl
<b>ADMINISTRATION</b>						
Command(CO/XO/TD/etc.)**	1145	4	2		2	
Comptroller**	285	1	1			
Admin**	2570	9	8		1	
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 CivilEngr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
<b>TECHNICAL STAFF</b>						
Technical Operations						
Totals	4000	14	11		3	

**\*\* 4000 SQ FT total utilized by the NSWC Headquarters. Contiguous space is prorated for the purposes of this data call. Includes shared space with NUWC Crystal City office.**

**Table 4.2, General Support Resources for all Detachments NOT APPLICABLE**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
<b>ADMINISTRATION</b>						
Command (CO/ XO/TD/etc.)						
Comptroller						
Admin						
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						
Totals						

**Table 4.3, Previous BRAC Impact to General Support Resources for  
(Activity: \_\_\_\_\_ ) (UIC: \_\_\_\_\_ )**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
<b>ADMINISTRATION</b>						
Command (CO/XO/ TD/etc.)						
Comptroller						
Admin						
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						
<b>Totals</b>						



**5. Technical Staff Qualifications. Not Applicable**

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: \_\_\_\_\_) (UIC: \_\_\_\_\_)

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

**Table 5.2, Technical Staff Education Level for all Detachments Not Applicable  
(Parent Activity: \_\_\_\_\_ ) (UIC: \_\_\_\_\_ )**

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

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**      **NOT APPLICABLE**  
**(Activity: \_\_\_\_\_) (UIC: \_\_\_\_\_)**

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

**Table 5.4, Technical Staff Academic Fields for all Detachments NOT APPLICABLE  
(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	

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

N/A

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.

N/A

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.

N/A

f. Identify any Nobel laureates employed at this activity.

N/A

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

N/A

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

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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.

### 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. **NO**

b. What MILCON projects are currently programmed to be completed by the end of FY1995? For each project provide: **NONE**

(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 .

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

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

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

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

c. What MILCON projects are currently programmed to be executed/completed after FY1995? For each project provide: **NONE**

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

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

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

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

(5) CWE & planned BOD.

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.

Washington Navy Yard 3.5 miles

Andrews Air Force Base - 12.5 mile

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? **NONE**

## 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.

The headquarters of the Naval Surface Warfare Center is and must continue to be co-located with the Naval Sea Systems Command Headquarters to provide for the continual daily interaction with COMNAVSEA, the PEOs, PMs, DRPM and key people in the Pentagon. This provides for the opportunity for daily face to face contact to ensure clear meaningful dialogue and efficient leadership.

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

With a wide variety of customers in the NAVSEA, NAVAIR, Marine Corps, and other services, the central location of the NSWC Headquarters in close proximity to other headquarters and the Pentagon is an imperative. The daily interactions with customers and sponsors on matters of schedule, cost performance, technical and corporate decision making is required. Close proximity is mandatory when answers are required immediately.

## 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.

### 10. Mobilization Responsibility and Capability.

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

**NSWC Headquarters provides the leadership for its Divisions that have mobilization requirements assigned from multiple sources such as NAVSEA Logistics Support and Mobilizaion Plan (NAVSEA letter 3060 OPR 0341B Ser 03/0158 S-664 of 8 Nov 91).**

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

(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?

(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.

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

N/A

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

adequate facilities? What is the estimated cost of this work?

(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.

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

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

**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.

## QUALITY OF LIFE

### 12. Military Housing NOT APPLICABLE

(a) Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) yes no

(2) For military family housing in your locale provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+				
Officer	3				
Officer	1 or 2				
Enlisted	4+				
Enlisted	3				
Enlisted	1 or 2				
Mobile Homes					
Mobile Home lots					

(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:

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?

(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		
	2		
	3		
	4+		
O-4/5	1		
	2		
	3		
	4+		
O-1/2/3/CWO	1		
	2		
	3		
	4+		
E7-E9	1		
	2		
	3		
	4+		
E1-E6	1		
	2		
	3		
	4+		

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

(5) What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Top Five Factors Driving the Demand for Base Housing	
1	
2	
3	
4	
5	

(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)?

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% ( or vacancy over 2%), is there a reason?

(b) BEQ:

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

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

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

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

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

(5) How many geographic bachelors do not live on base?

(c) BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

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

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

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

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

(5) How many geographic bachelors do not live on 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.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

(2) 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:

- 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?

(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.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

(4) 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:

- 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?

(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	

(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:

- 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?

(7) Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

(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:

- 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?

13. **MWR Facilities.** For on-base MWR facilities<sup>10</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. NOT APPLICABLE

LOCATION \_\_\_\_\_ DISTANCE \_\_\_\_\_

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays		
	Outdoor Bays		
Arts/Crafts	SF		
Wood Hobby	SF		
Bowling	Lanes		
Enlisted Club	SF		
Officer's Club	SF		
Library	SF		
Library	Books		
Theater	Seats		
ITT	SF		
Museum/Memorial	SF		
Pool (indoor)	Lanes		
Pool (outdoor)	Lanes		
Beach	LF		
Swimming Ponds	Each		
Tennis CT	Each		

<sup>10</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	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each		
Basketball CT (outdoor)	Each		
Racquetball CT	Each		
Golf Course	Holes		
Driving Range	Tee Boxes		
Gymnasium	SF		
Fitness Center	SF		
Marina	Berths		
Stables	Stalls		
Softball Fld	Each		
Football Fld	Each		
Soccer Fld	Each		
Youth Center	SF		

(a) Is your library part of a regional interlibrary loan program?

**14. Base Family Support Facilities and Programs. NOT APPLICABLE**

a. Complete the following table on the availability of child care in a child care center on your base.

Age Category	Capacity (Children )	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos						
6-12 Mos						
12-24 Mos						
24-36 Mos						
3-5 Yrs						

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.

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

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).

f. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

Service	Unit of Measure	Qty
Exchange	SF	
Gas Station	SF	
Auto Repair	SF	
Auto Parts Store	SF	
Commissary	SF	
Mini-Mart	SF	
Package Store	SF	
Fast Food Restaurants	Each	
Bank/Credit Union	Each	
Family Service Center	SF	
Laundromat	SF	
Dry Cleaners	Each	
ARC	PN	
Chapel	PN	
FSC Classrm/Auditorium	PN	

15. Proximity of Closest Major Metropolitan Areas (provide at least three): NOT APPLICABLE

City	Distance (Miles)

16. Standard Rate VHA Data for Cost of Living: NOT APPLICABLE

Paygrade	With Dependents	Without Dependents
E1		
E2		
E3		
E4		
E5		
E6		
E7		
E8		
E9		
W1		
W2		
W3		
W4		
O1E		
O2E		
O3E		
O1		
O2		
O3		
O4		
O5		
O6		
O7		

**17. Off-base Housing Rental and Purchase NOT APPLICABLE**

(a) Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency			
Apartment (1-2 Bedroom)			
Apartment (3+ Bedroom)			
Single Family Home (3 Bedroom)			
Single Family Home (4+ Bedroom)			
Town House (2 Bedroom)			
Town House (3+ Bedroom)			
Condominium (2 Bedroom)			
Condominium (3+ Bedroom)			

(b) What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	
Apartment (1-2 Bedroom)	
Apartment (3+ Bedroom)	
Single Family Home (3 Bedroom)	
Single Family Home (4+ Bedroom)	
Town House (2 Bedroom)	
Town House (3+ Bedroom)	
Condominium (2 Bedroom)	
Condominium (3+ Bedroom)	

(c) What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	
Single Family Home (4+ Bedroom)	
Town House (2 Bedroom)	
Town House (3+ Bedroom)	
Condominium (2 Bedroom)	
Condominium (3+ Bedroom)	

(d) For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

(e) Describe the principle housing cost drivers in your local area.

18. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following: NOT APPLICABLE

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area

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

NOT APPLICABLE

Location	% Employees	Distance (mi)	Time(min)

**20. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the installation (to include any outlying sites) and their dependents: NOT APPLICABLE**

(a) List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ACT Score	% HS Grad to Higher Educ	Source of Info

(b) List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					

(c) List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					

**21. Spousal Employment Opportunities. NOT APPLICABLE**

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				
Manufacturing				
Clerical				
Service				
Other				

**22. Medical/Dental. NOT APPLICABLE**

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? Develop the why of your response.

b. Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

**23 Crime Rate.** Complete the table below to indicate the crime rate for your air station for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

**NOT APPLICABLE**

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

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

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

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

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

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

**TAB A**  
**TECHNICAL OPERATIONS**  
**FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM**

**NOT APPLICABLE**

**TAB B**  
**SPECIAL FACILITIES AND EQUIPMENT**  
**FACILITIES/EQUIPMENT CAPABILITY FORM**

**NOT APPLICABLE**

**TAB C**  
**RANGE RESOURCES**  
**RANGE CAPABILITY FORM**

NOT APPLICABLE

NSWC HQ ARLINGTON  
DATA CALL #5

JL  
SEA 091X  
5/13/94

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)

RADM (Sel) D. P. Sargent, Jr.  
NAME (Please type of print)

Signature

Commander

Date

Title

Naval Surface Warfare Center  
Activity

In certify that the information 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

Date

Naval Sea Systems Command

Activity

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

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

J. B. Greene, Jr  
NAME (Please type of print)

Signature

Acting  
Title

Date

20 MAY 1994

NSWC HQ, ARLINGTON  
DATA CALL #5  
BRAC-95 CERTIFICATION

JL  
SEA O9X  
5/13/94

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(S) D. P. SARGENT  
NAME (Please type of print)



Signature

COMMANDER  
Title

5/13/94  
Date

NAVAL SURFACE WARFARE CENTER  
Activity

# Document Separator

204

**DATA CALL 66  
INSTALLATION RESOURCES**

**Activity Information:**

Activity Name:	Naval Surface Warfare Center Headquarters
UIC:	N68933
Host Activity Name (if response is for a tenant activity):	Naval Sea Systems Command
Host Activity UIC:	N00024

**General Instructions/Background.** A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

**1. Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

**a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).**

This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional

**DATA CALL 66  
INSTALLATION RESOURCES**

lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

<b>Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)</b>			
<b>Activity Name: NSWC Headquarters</b>		<b>UIC: N68933</b>	
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.):</b>	0	0	0

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
----------------------	-----------------------

**c. Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

**Other Notes:** All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

**DATA CALL 66  
INSTALLATION RESOURCES**

<b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>			
Activity Name: NSWG Headquarters			UIC: N68933
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</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. through 1d.</b>	0	0	0
<b>2. Other Base Operating Support Costs:</b>			
2a. Command Office	0	0	0
2b. ADP Support	60	0	0
2c. Equipment Maintenance	10	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
<b>2m. Sub-total 2a. through 2l:</b>	70	0	0
<b>3. Depreciation</b>	0	0	0
<b>4. Grand Total (sum of 1c., 2m., and 3.) :</b>	70	0	70

**DATA CALL 66  
INSTALLATION RESOURCES**

2. **Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name: NSWC Headquarters</b>	<b>UIC: N68933</b>
<b>Cost Category</b>	<b>FY 1996 Projected Costs (\$000)</b>
<b>Travel:</b>	120
<b>Material and Supplies (including equipment):</b>	50
<b>Industrial Fund Purchases (other DBOF purchases):</b>	310
<b>Transportation:</b>	0
<b>Other Purchases (Contract support, etc.):</b>	539
<b>Total:</b>	1019

**DATA CALL 66  
INSTALLATION RESOURCES**

**3. Contractor Workyears.**

a. **On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name: NSWC Headquarters</b>	<b>UIC: N68933</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:*	0
<b>Total Workyears:</b>	<b>0</b>

\* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

**DATA CALL 66  
INSTALLATION RESOURCES**

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

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

0

2) Estimated number of workyears which would be eliminated:

0

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

0

**DATA CALL 66  
INSTALLATION RESOURCES**

**c. "Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

DATA CAU #66  
NSWC HQ ARLINGTON VA

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

Title  
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)

J. B. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

18 AUG 1994

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(S) D. P. SARGENT  
NAME (Please type of print)

COMMANDER  
Title

NAVAL SURFACE WARFARE CENTER  
Activity

  
Signature

7/28/94  
Date

# Document Separator

**DATA CALL 1: GENERAL INSTALLATION INFORMATION**

1. **ACTIVITY:** Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	<i>Naval Surface Warfare Center Headquarters</i>
Acronym(s) used in correspondence	<i>NSWC HQ</i>
Commonly accepted short title(s)	<i>NSWC</i>

- Complete Mailing Address  
Commander  
Naval Surface Warfare Center  
2531 Jefferson Davis Highway  
Arlington, VA 22242-5160

- PLAD  
COMNAVSURFWARCEN WASHINGTON DC

- PRIMARY UIC: 68933 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

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

2. **PLANT ACCOUNT HOLDER:**

- Yes \_\_\_\_\_ No X (check one)

3. **ACTIVITY TYPE:** Choose most appropriate type that describes your activity and completely answer all questions.

● **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes \_\_\_\_\_ No  X  (check one)

● **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes  X  No \_\_\_\_\_ (check one)

• Primary Host (current) UIC:  00024

• Primary Host (as of 01 Oct 1995) UIC:  00024

• Primary Host (as of 01 Oct 2001) UIC:  68933

● **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes \_\_\_\_\_ No  X  (check one)

4. **SPECIAL AREAS:** List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC
NONE		

5. **DETACHMENTS:** If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
NONE				

6. **BRAC IMPACT:** Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

BRAC 91 resulted in the creation of the Naval Surface Warfare Center.

BRAC 93 identified the relocation of the NSWC headquarters from Crystal City to White Oak, Maryland.

7. **MISSION:** Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

#### Current Missions

● Direct NSWC as the Navy's integrated, full spectrum Center for science and technology, RDT&E, engineering and Fleet support for all aspects of Naval surface warfare including those listed below:

- Surface Warfare Modeling and Analysis
- Surface Ship Combat and Combat Control Systems
- Surface Ship Electronic Warfare
- Surface Ship Electromagnetic and Electro-optic Reconnaissance, Search and Track Systems
- Surface Ship Weapon Systems (including shipboard missile integration)
- Ship Vulnerability and Survivability (includes submarine HM&E)
- Ship Active and Passive Signatures (includes submarine HM&E)
- Surface and Undersea Vehicle Hull, Machinery, Propulsors and Equipment
- Platform Systems Integration
- Strategic Targeting Support (including Fire Control, Targeting and Re-entry Systems)
- Amphibious Warfare Systems
- Special Warfare Systems
- Warheads (Explosives and Energetic Materials)
- Mines, Mine Countermeasures and Mine Clearance Systems

● Establish policy and procedures to assure that work which clearly aligns within NSWC technical leadership areas is assigned and funded directly to the NSWC field component. In cases where work requirements do not clearly align within NSWC technical leadership areas, COMNSWC will exercise approval and control authority regarding acceptance of that work and funding within the Center.

● Establish and maintain NSWC operational policies and directives, together with strategic and business plans. Assign technical roles and functional responsibilities for NSWC divisions.

● 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 surface warfare.

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

- Maintain working relationships with Navy Program Executive Officers (PEOs), Direct Reporting Program Managers (DRPMs), NAVSEA Engineering and Platform Deputy Commanders, Program Managers (PMs), Chief, Office of Naval Technology (ONT) and Chief, Office of Naval Research (ONR) to assure:
  - a. NSWC business plans and budgets support, where possible, the annual budget submissions of these customers.
  - b. Appropriate new or additional ongoing work is assigned to NSWC as directed by SECNAV.
  - c. A proper balance of work is tasked between the private sector and NSWC to help sustain both the Navy's technical core and its mobilization/surge capability.
  
- Provide executive oversight, final approval authority and resource advocacy for investment strategy, resource requirements, military construction planning, budgets and business plan execution/operation of NSWC.
  
- Discharge assigned technical management responsibilities in a manner consistent with policies and procedures established by the Navy Acquisition Executive, ASN(RD&A).

#### Projected Missions for FY 2001

- Continue to provide the leadership and capabilities for the areas listed above.
- Provide a central source for technical leadership for surface and littoral warfare
- Provide the Navy the best value to understand how to maintain its ships, combat, and weapon systems.
- Provide the capability to engineer ships as systems.
- Fully integrate the Naval Surface Warfare Center's technical life cycle capabilities.
- Innovatively develop and apply science and technology throughout the life cycle of NSWC supported systems and products.
- Define core technical capability and eliminate excess technical capacity.

8. **UNIQUE MISSIONS:** Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

Direct NSWC and provide the leadership/management and knowledge of the following unique areas:

- Surface Warfare Modeling and Analysis
- Surface Ship Combat and Combat Control Systems
- Surface Ship Electronic Warfare
- Surface Ship Electromagnetic and Electro-optic Reconnaissance, Search and Track Systems
- Surface Ship Weapon Systems (including shipboard missile integration)
- Ship Vulnerability and Survivability (includes submarine HM&E)
- Ship Active and Passive Signatures (includes submarine HM&E)
- Surface and Undersea Vehicle Hull, Machinery, Propulsors and Equipment
- Platform Systems Integration
- Strategic Targeting Support (including Fire Control, Targeting and Re-entry Systems)
- Amphibious Warfare Systems
- Special Warfare Systems
- Warheads (Explosives and Energetic Materials)
- Mines, Mine Countermeasures and Mine Clearance Systems

Projected Unique Missions for FY 2001

- As described above, all NSWC projected missions are unique.

9. **IMMEDIATE SUPERIOR IN COMMAND (ISIC):** Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

- |                    |              |
|--------------------|--------------|
| ● Operational name | UIC          |
| <u>COMNAVSEA</u>   | <u>00024</u> |
| ● Funding Source   | UIC          |

NSWC is funded from a multitude of sources including NAVSEA, NAVAIR, PEOs, DRPM, Army, and Air Force.

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
● Reporting Command	<u>3</u>	<u>0</u>	<u>9</u>
● Tenants (total)	<u>0</u>	<u>0</u>	<u>0</u>

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
● Reporting Command	<u>3</u>	<u>0</u>	<u>15</u>
● Tenants (total)	<u>0</u>	<u>0</u>	<u>0</u>

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
● CO/OIC			
<u>RADM(sel) David P. Sargent, JR.</u>	703-602-0644	703-602-8474	703-760-9371
● Duty Officer - NONE			[ N/A ]
● _____			
● _____			

12. **TENANT ACTIVITY LIST:** This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NONE				

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NONE				

- 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	Location	Officer	Enlisted	Civilian
NONE					

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NONE					

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

NONE

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
<i>e.g. DLA (DoD Agency Name)</i>	<i>Somewhere, CA</i>	<i>Purchasing/contract administration and public works support - ISSA.</i>
<i>USAF (Other Military Dept)</i>	<i>Anywhere AFB</i>	<i>warehouse space - MOU.</i>

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

NOT APPLICABLE AS NSWC IS A TENANT.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)
- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)
- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)
- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

# DATA CALL #1 NSWC 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. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

Title

14 JUL 1994

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.

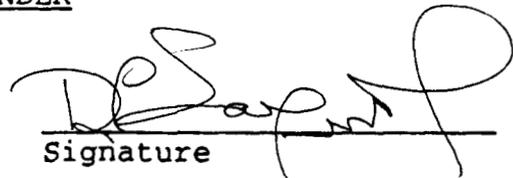
I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

RADM(S) D. P. SARGENT  
NAME (Please type of print)

COMMANDER  
Title

NAVAL SURFACE WARFARE CENTER  
Activity

  
Signature  
1 July 94  
Date

# Document Separator

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

**Naval Surface Warfare Center Headquarters**

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**TAB A:** Ship Berthing Capacity  
**TAB B:** Operational Airfield Capacity  
**TAB C:** Depot Level Maintenance Capacity  
**TAB D:** Ordnance Storage Capacity

\*\*\*\*\*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).

Page 1 of 26  
UIC 68933

**Table 1.1 Historical and Projected Workload for NSWC HQ**  
**(UIC 68933)**

<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</b>	<b>Actual In-House Wkys</b>	<b>Actual Onsite Contract Wkys</b>
<b>86</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>87</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>88</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>89</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>90</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>91</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>92</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>93</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>94</b>	N/A			N/A		
<b>95</b>	N/A			N/A		
<b>96</b>	N/A			N/A		
<b>97</b>	N/A			N/A		

**Table 1.2 Historical and Projected Workload for Detachments of NSWC HQ**

(UIC 68933)

<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</b>	<b>Actual In-House Wkys</b>	<b>Actual Onsite Contract Wkys</b>
86	N/A	N/A	N/A	N/A	N/A	N/A
87	N/A	N/A	N/A	N/A	N/A	N/A
88	N/A	N/A	N/A	N/A	N/A	N/A
89	N/A	N/A	N/A	N/A	N/A	N/A
90	N/A	N/A	N/A	N/A	N/A	N/A
91	N/A	N/A	N/A	N/A	N/A	N/A
92	N/A	N/A	N/A	N/A	N/A	N/A
93	N/A	N/A	N/A	N/A	N/A	N/A
94	N/A			N/A		
95	N/A			N/A		
96	N/A			N/A		
97	N/A			N/A		

The NSWC Headquarters budget is included in the NSWC, Carderock Division budget as a cost center.



TABLE 1.4 FY 199\_ BREAKOUT OF FUNDS BUDGETED for DETACHMENTS of NSWC HQ

(UIC 68933 )

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
N/A															

**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.

Page 6 of 26  
UIC 68933

**Table 2.1 Main Site Class 2 Assets of NSWC HQ (UIC 68933 )**

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	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
<b>Totals</b>		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

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?

N/A



**Table 2.3 Class 2 Space Utilized/Leased by NSWC HQ (UIC 68933)**

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>		N/A	N/A	N/A	N/A

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.

**Table 2.4 Class 2 Assets of NSWC HQ 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	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
<b>Totals</b>		N/A	N/A	N/A	N/A

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?

N/A



**Table 2.6 Class 2 Space Utilized/Leased by Detachments of NSWC HQ (UIC 68933)**

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>		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**3. Class 2 Space Available for Expansion.** An activity's expansion capability is a function of it's 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.       N/A       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.       N/A       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

Page   16   of   26    
UIC   68933

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.





# Document Separator

**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?

N/A

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

N/A

Class 1 Resources of NSWC HQ (UIC: 68933 )  
 Site Location: \_\_\_\_\_

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>	N/A	N/A	N/A	N/A

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

**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)	N/A	N/A	N/A	N/A
Natural Gas (CFH)	N/A	N/A	N/A	N/A
Sewage (GPD)	N/A	N/A	N/A	N/A
Potable Water (GPD)	N/A	N/A	N/A	N/A
Steam (PSI & lbm/Hr)	N/A	N/A	N/A	N/A
Long Term Parking	N/A	N/A	N/A	N/A
Short Term Parking	N/A	N/A	N/A	N/A

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 NSWC HQ (UIC: 68933 )**

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

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
N/A								

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

(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.

**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)
N/A			

(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.

N/A

**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.

N/A

**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.

**TAB A**

**SHIP BERTHING CAPACITY**

**Note:** Question numbers in [ ]'s are for internal BSAT purposes.

**This Tab is Not Applicable.**

**TAB B**

**OPERATIONAL AIRFIELD CAPACITY**

**Note:** Question numbers in []'s are for internal BSAT purposes.

**This Tab is Not Applicable.**

**TAB C**

**DEPOT LEVEL MAINTENANCE CAPACITY**

**This Tab is Not Applicable.**

**TAB D**  
**ORDNANCE STORAGE CAPACITY**

**This Tab is Not Applicable.**

NSWC HQ ARLINGTON

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)

RADM (Sel) D. P. Sargent, Jr.  
NAME (Please type of print)

Signature

Commander  
Title

Date

Naval Surface Warfare Center  
Activity

In certify that the information 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  
Title Naval Sea Systems Command

Date

Activity

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

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

J. B. Greene, Jr  
NAME (Please type of print)

Signature

Acting  
Title

Date

20 MAY 1994

NSWC HQ, ARLINGTON  
DATA CALL #4  
BRAC-95 CERTIFICATION

JL  
SEA 09X  
5/13/94

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.

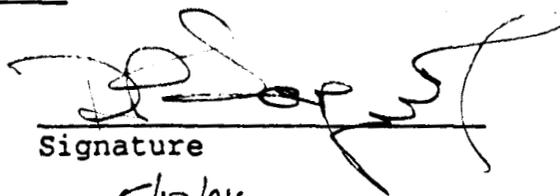
I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

RADM(S) D. P. SARGENT  
NAME (Please type of print)

COMMANDER  
Title

NAVAL SURFACE WARFARE CENTER  
Activity

  
Signature  
5/13/94  
Date