

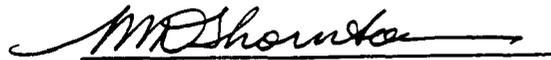


BRAC-95 CERTIFICATION

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

**MICHAEL D. THORNTON**  
NAME (Please type or print)

CDR, CEC, USN  
Title



Signature



Date

MILCON PROGRAMMING DIVISION  
Division

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

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

MAJOR CLAIMANT LEVEL

**J. E. BUFFINGTON, RADM, CEC, USN**  
NAME (Please type or print)

**COMMANDER**  
Title

**NAVAL FACILITIES ENGINEERING COMMAND**  
Activity

  
Signature  
12/9/94  
Date

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)

\_\_\_\_\_  
Title

  
Signature  
12/17/94  
Date

# Document Separator

# MILITARY VALUE DATA CALL

## TECHNICAL CENTERS

|                       |   |
|-----------------------|---|
| Category              | 10.9*                                     |
| Technical Center Site | COMOPTVFOR                                |
| Location/Address      | 7970 Diven St.,<br>Norfolk, VA 23505-1498 |

\* Category V is our designation in NAVCOMPT, but our category is listed as 10.9 in Appendix A of this Data Call.

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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.

COMOPTEVFOR's mission is to operationally test and evaluate (OT&E) weapons, ships, aircraft and equipment in the anticipated operational environment and against the anticipated threat. Controlling documents are: Title 10 United States Code Section 2399, DOD Directive 5000.1, DOD Instruction 5000.2 and OPNAV Instruction 5000.42D.

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

COMOPTEVFOR acts as the lead operational testing agency for several joint or multi-service acquisition programs. Controlling documents are: DOD Directive 5000.1, DOD Instruction 5000.2 and OPNAV Instruction 5000.42D.

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UIC \_\_\_\_\_

## 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.

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UIC \_\_\_\_\_

## 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

page \_\_\_\_\_ of \_\_\_\_\_  
UIC \_\_\_\_\_

other Activities should be noted with the name of the additional Activity supported.

page \_\_\_\_\_ of \_\_\_\_\_  
UIC \_\_\_\_\_

**Table 4.1, General Support Resources for  
(Activity: COMOPTEVFOR ) (UIC: N57023 )**

| Function                                    | Space allocated (Gross SQFT) | Work Years    | Civilian Personnel onboard | Contract Work Years | Military Personnel Onboard |            |
|---|------------------------------|---------------|----------------------------|---------------------|----------------------------|------------|
|   |                              |               |                            |                     | Off                        | Enl        |
| <b>ADMINISTRATION</b>                       |                              |               |                            |                     |                            |            |
| Command (CO/XO/TD/etc.)                     | 33,910                       | 2             | 2                          |                     | 13                         | 5          |
| Comptroller                                 | 2,328                        | 14            | 14                         |                     |                            |            |
| Admin                                       | 7,018                        | 24            | 24                         |                     | 1                          | 38         |
| Human Resources                             | 223                          | 2             | 2                          |                     |                            |            |
| <b>OPERATIONS SUPPORT</b>                   |                              |               |                            |                     |                            |            |
| Supply Management                           | 1,087                        | 2             | 2                          |                     | 1                          | 4          |
| Consolidated Computational Computer Support | 2,810                        | 9             | 9                          |                     | 1                          | 3          |
| Information Systems and Communications      | 575                          |               |                            | 3                   |                            | 3          |
| Safety/OSH/Environmental                    |                              |               |                            |                     |                            |            |
| <b>INFRASTRUCTURE</b>                       |                              |               |                            |                     |                            |            |
| Physical Security                           | 270                          |               |                            |                     |                            | 5          |
| Public Works/Staff                          | 1,195                        | 1             | 1                          | 5.5                 |                            | 5          |
| Fire Protection                             |                              |               |                            |                     |                            |            |
| Medical/Dental                              |                              |               |                            |                     |                            |            |
| Military Support                            |                              |               |                            |                     |                            |            |
| Air/Waterfront Operations                   |                              |               |                            |                     |                            |            |
| Other                                       | 7,312                        | .125          | 0                          | .083                | 0                          | 0          |
| <b>TECHNICAL STAFF</b>                      |                              |               |                            |                     |                            |            |
| Technical Operations                        |                              |               | 5                          | 2                   | 119                        | 44         |
| <b>Totals</b>                               | <b>56728</b>                 | <b>54.125</b> | <b>59</b>                  | <b>10.583</b>       | <b>135</b>                 | <b>107</b> |

**Table 4.2, General Support Resources for all Detachments**  
 (Activity: **N/A** ) (UIC: \_\_\_\_\_ )

| Function                                    | Space allocated<br>(Gross SQFT) | Work Years | Civilian Personnel 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>                               |                                 |            |                            |                     |                            |     |

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

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

**5. Technical Staff Qualifications.**

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

**Table 5.1, Technical Staff Education Level for (Activity: COMOPTEVFOR ) (UIC: N57023 )**

| 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            | 0   | 0          | 0           | 0           | 0                  | 0        |
| High School             | 0   | 0          | 0           | 0           | 0                  | 0        |
| B.A./B.S                | 1   | 0          | 0           | 0           | 1                  | 2        |
| M.A./M.S                | 0   | 1          | 1           | 1           | 0                  | 3        |
| Ph.D./M.D.              | 0   | 0          | 0           | 0           | 0                  | 0        |
| <b>Total</b>            | <b>1</b>                                    | <b>1</b>   | <b>1</b>    | <b>1</b>    | <b>1</b>           | <b>5</b> |

**Table 5.2, Technical Staff Education Level for all Detachments**

page \_\_\_\_\_ of \_\_\_\_\_  
 UIC \_\_\_\_\_

(Parent Activity: **N/A** ) (UIC: )

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

page \_\_\_\_\_ of \_\_\_\_\_  
 UIC \_\_\_\_\_

rev.

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

**Table 5.3, Technical Staff Academic Fields for  
(Activity: COMOPTVFOR) (UIC: N57023)**

| Academic field                                 | Number   |
|--|----------|
| Physics  | 0        |
| Chemistry                                      | 1        |
| Biology  | 0        |
| Mathematics/Statistics/<br>Operations Research | 0        |
| Engineering                                    | 2        |
| Medical  | 0        |
| Dental   | 0        |
| Computer Science                               | 0        |
| Social Science                                 | 0        |
| Other Science                                  | 0        |
| Non-Science                                    | 0        |
| <b>Total</b>                                   | <b>3</b> |

page \_\_\_\_\_ of \_\_\_\_\_  
UIC \_\_\_\_\_

Table 5.4 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.4). Provide a list of the detachments whose data is included in Table 5.4

**Table 5.3, Technical Staff Academic Fields for (Activity: COMOPTVFOR ) (UIC: N57023 )**

| Academic field                                 | Number   |
|--|----------|
| Physics  | 0        |
| Chemistry                                      | 1        |
| Biology  | 0        |
| Mathematics/Statistics/<br>Operations Research | 1        |
| Engineering                                    | 2        |
| Medical  | 0        |
| Dental   | 0        |
| Computer Science                               | 0        |
| Social Science                                 | 0        |
| Other Science                                  | 1        |
| Non-Science                                    | 0        |
| <b>Total</b>                                   | <b>5</b> |

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

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

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

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.

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.

f. Identify any Nobel laureates employed at this activity.

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

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

page \_\_\_\_\_ of \_\_\_\_\_  
 UIC \_\_\_\_\_

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

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

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

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

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

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

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.

page \_\_\_\_\_ of \_\_\_\_\_  
UIC \_\_\_\_\_

## 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: N/A

(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 .

page \_\_\_\_\_ of \_\_\_\_\_  
UIC \_\_\_\_\_

(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:

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

Proposed facility will be 3 stories, 57,740 GSF, Title: Operations Center, MILCON Project P-061.

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

The new facility will support administrative space, information systems, modeling and simulation and a sensitive compartmented information facility.

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

N/A

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

8,324 GSF

(5) CWE & planned BOD.

\$8.1 million, BOD: Jan 97

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.

Distance to NAVAIRSTA NORVA airfield is approximately five miles. NAVBASE NORVA piers are approximately 4 miles away.

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?

N/A

page \_\_\_\_\_ of \_\_\_\_\_  
UIC \_\_\_\_\_

**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. **NO**

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

**None**

page \_\_\_\_\_ of \_\_\_\_\_  
UIC \_\_\_\_\_

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.

COMOPTEVFOR's organic modeling and simulation capability is limited to a stand-alone VAX 3100 used for Battleforce EMI Evaluation System, (on loan from NCCOSC RDT&E Division), and 386/486 personal computers attached to the COMOPTEVFOR LAN. We have limited facilities/capabilities for programming in Fortran and Turbo Pascal.

**10. Mobilization Responsibility and Capability. N/A**

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

(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)

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

(2) If no, what repairs, renovations and/or additions are required to provide 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.

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UIC \_\_\_\_\_

(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.

N/A

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UIC \_\_\_\_\_

**QUALITY OF LIFE**

**12. Military Housing N/A**

**NOTE: COMOPTEVFOR does not have BEQ, BOQ or messing facilities.**

**(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?

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

| 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. N/A

| 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)?

N/A

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

| 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?

N/A

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(b) **BEQ: N/A**

(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:

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

**365**

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. 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>   |              | <b>100</b>    |          |

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

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(c) BOQ: N/A

(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:

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

365

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

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(d) BOQ/BEQ Housing and Messing. N/A

(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-02, 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?

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(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-02, 03 and above. N/A

| 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. N/A

| 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?

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

| 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: N/A

- 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?

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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.

LOCATION COMOPTEVFOR DISTANCE 0

| 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            | 2*    | N/A                  |

\* NOTE: For COMOPTEVFOR personnel only.

<sup>10</sup>Spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

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| Facility                   | Unit of Measure | Total  | Profitabl<br>e<br>(Y,N,N/A) |
|----------------------------|-----------------|--------|-----------------------------|
| Volleyball CT<br>(outdoor) | Each            |        |                             |
| Basketball CT<br>(outdoor) | Each            |        |                             |
| Racquetball CT             | Each            |        |                             |
| Golf Course                | Holes           |        |                             |
| Driving Range              | Tee Boxes       |        |                             |
| Gymnasium                  | SF              | 5,704* | N/A                         |
| Fitness Center             | SF              |        |                             |
| Marina                     | Berths          |        |                             |
| Stables                    | Stalls          |        |                             |
| Softball Fld               | Each            |        |                             |
| Football Fld               | Each            |        |                             |
| Soccer Fld                 | Each            |        |                             |
| Youth Center               | SF              |        |                             |
|                            |                 |        |                             |

\* NOTE: For COMOPTEVFOR personnel only.

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

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**14. Base Family Support Facilities and Programs. N/A**

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).

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

| 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):

| City           | Distance (Miles) |
|----------------|------------------|
| Norfolk        | 0                |
| Virginia Beach | 20               |
| Portsmouth     | 8                |

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16. Standard Rate VHA Data for Cost of Living: MHA 298

| Paygrade | With Dependents | Without Dependents |
|----------|-----------------|--------------------|
| E1       | 127.43          | 71.30              |
| E2       | 116.47          | 73.25              |
| E3       | 111.42          | 82.10              |
| E4       | 139.18          | 97.14              |
| E5       | 155.24          | 108.39             |
| E6       | 175.73          | 119.62             |
| E7       | 191.50          | 133.03             |
| E8       | 176.39          | 133.35             |
| E9       | 165.28          | 125.47             |
| W1       | 281.03          | 213.43             |
| W2       | 247.26          | 193.94             |
| W3       | 240.16          | 195.22             |
| W4       | 176.30          | 156.31             |
| O1E      | 306.00          | 226.98             |
| O2E      | 251.41          | 200.45             |
| O3E      | 238.87          | 202.08             |
| O1       | 181.59          | 133.81             |
| O2       | 186.47          | 145.75             |
| O3       | 228.14          | 192.08             |
| O4       | 205.30          | 178.53             |
| O5       | 222.79          | 184.23             |
| O6       | 228.47          | 189.11             |
| O7       | 158.54          | 128.81             |

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17. Off-base Housing Rental and Purchase N/A

(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)        |                        |

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(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.

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

| 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. N/A

| 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: N/A, Data provided by COMNAVBASE.

(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. N/A

| Institution | Type Classes | Program Type(s)   |                       |               |                | Graduate |
|-------------|--------------|-------------------|-----------------------|---------------|----------------|----------|
|             |              | Adult High School | Vocational/ Technical | Undergraduate |                |          |
|             |              |                   |                       | 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. N/A

| 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. N/A**

Provide the following data on spousal employment opportunities.

| Skill Level   | Number of Military Spouses Served by Family Service Center Spouse Employment Assistance |      |      | Local Community Unemployment Rate |
|---------------|---|------|------|-----------------------------------|
|               | 1991  | 1992 | 1993 |                                   |
| Professional  |   |      |      |                                   |
| Manufacturing |   |      |      |                                   |
| Clerical      |   |      |      |                                   |
| Service       |   |      |      |                                   |
| Other         |   |      |      |                                   |

**22. Medical/Dental. N/A**

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. N/A

| 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 |         |         |         |

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|                                  |  |  |  |
|----------------------------------|--|--|--|
| Off Base Personnel<br>- civilian |  |  |  |
| 4. Postal (6L)                   |  |  |  |
| Base Personnel -<br>military     |  |  |  |
| Base Personnel -<br>civilian     |  |  |  |
| Off Base Personnel<br>- military |  |  |  |
| Off Base Personnel<br>- civilian |  |  |  |

| Crime Definitions                | FY 1991 | FY 1992 | FY 1993 |
|----------------------------------|---------|---------|---------|
| 5. Customs (6M)                  |         |         |         |
| Base Personnel -<br>military     |         |         |         |
| Base Personnel -<br>civilian     |         |         |         |
| Off Base Personnel<br>- military |         |         |         |
| Off Base Personnel<br>- civilian |         |         |         |
| 6. Burglary (6N)                 |         |         |         |
| Base Personnel -<br>military     |         |         |         |
| Base Personnel -<br>civilian     |         |         |         |
| Off Base Personnel<br>- military |         |         |         |
| Off Base Personnel<br>- civilian |         |         |         |
| 7. Larceny - Ordnance<br>(6R)    |         |         |         |
| Base Personnel -<br>military     |         |         |         |

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|                                  |  |  |  |
|----------------------------------|--|--|--|
| Base Personnel -<br>civilian     |  |  |  |
| Off Base Personnel<br>- military |  |  |  |
| Off Base Personnel<br>- civilian |  |  |  |
| 8. Larceny -<br>Government (6S)  |  |  |  |
| Base Personnel -<br>military     |  |  |  |
| Base Personnel -<br>civilian     |  |  |  |
| Off Base Personnel<br>- military |  |  |  |
| Off Base Personnel<br>- 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 -<br>civilian     |  |  |  |
| Off Base Personnel<br>- military |  |  |  |
| Off Base Personnel<br>- civilian |  |  |  |

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

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|                                  |  |  |  |
|----------------------------------|--|--|--|
| Off Base Personnel<br>- civilian |  |  |  |
|----------------------------------|--|--|--|

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

|                                  |  |  |  |
|----------------------------------|--|--|--|
| Off Base Personnel<br>- military |  |  |  |
| Off Base Personnel<br>- civilian |  |  |  |

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| 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<br>- military |  |  |  |
| Off Base Personnel<br>- civilian |  |  |  |

**TAB A**

**TECHNICAL OPERATIONS**

**FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM**

**TECHNICAL FUNCTIONS  
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM**

|                         |                          |
|-------------------------|--------------------------|
| Technical Center Site   | COMOPTEVFOR              |
| Functional Support Area | 10.9*                    |
| Life Cycle Work Area    | RDT&E Management Support |

\* Category V is our designation in NAVCOMPT, but our category is listed as 10.9 in Appendix A of this Data Call.

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.     61     WYS

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. \$(K)     8,632    

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. Do not include direct cite funding. \$(K)     24,999    

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K)     10,184    

Note:

**In-House Expenditures** - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

**Out-of-House Expenditures** - Is comprised of total obligational authority for direct work (customer funded, mission oriented)

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**UIC:** \_\_\_\_\_

authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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**UIC:** \_\_\_\_\_

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

**NOTE: Tab B is not applicable to COMOPTEVFOR.**

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

|  |     |
|--|-----|
| Technical Center Site                    | N/A |
| Facility/Equipment Nomenclature or Title | N/A |

1. State the primary purpose(s) of the facility/equipment.
2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.
3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.
4. Provide the gross weight and cube of the facility/equipment.
5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.
6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).
7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).
8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.
9. Indicate how and when the facility/equipment was transported and or constructed at the site.
10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

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11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit of measure used.
12. Provide the projected utilization data out to FY1997.
13. What is the approximate number of personnel used to operate the facility/equipment?
14. What is the approximate number of personnel needed to maintain the equipment?
15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

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**TAB C**

**RANGE RESOURCES**

**RANGE CAPABILITY FORM**

**NOTE: Tab C is not applicable to COMOPTEVFOR.**

**RANGE RESOURCES  
RANGE CAPABILITY FORM**

|                                   |  |
|-----------------------------------|--|
| Technical<br>Center Site          |  |
| Range<br>Nomenclature or<br>Title |  |

1. List all the ranges that your activity maintains and operates. Provide the following information on each range:
  - a. A brief statement of what the range is used for.
  - b. Geographic location of the range.
  - c. Distance from the range to the activity's headquarters facility (main site).
  - d. Range size in square miles.
  - e. Scheduling authority.
  - f. Air space available/restrictions.
  - g. Maximum water depth available/restrictions.
  - h. Instrumentation capability.
  - i. Accuracy of tracking.
  - j. Data collection/replay capability.
  - k. What are the maximum hours per year that this range is available to support activities? Provide the actual hours that the range was up and capable of providing services. Do not count "down time" due to maintenance, reconfiguration, or administrative activities (i.e., Holiday shutdowns).
    - l. What were the actual hours this range was utilized per year for the last five years (FYs 1989-1993)?
    - m. What were the actual hours that this range was utilized in FY1993?
    - n. Who are the customers of the range?

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o. Of the actual hours utilized what percentage of utilization time was provided to which customers?

p. Provide a sketch, drawing or map of the range.

2. Are any of your ranges part of the DoD Major Range and Test Facility Base (MRTFB)? (yes/no) If yes, which ones?

3. Are there any limiting (current or future) environmental and/or encroachment characteristics that are associated with this range.

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**APPENDIX A**

## **I. FUNCTIONAL SUPPORT AREAS**

### **1. PLATFORMS**

- 1.1 Undersea
- 1.2 Aircraft
- 1.3 Surface Ship
- 1.4 Space Satellites
- 1.5 Ground Vehicles

### **2. WEAPONS SYSTEMS**

- 2.1 Gun Systems
- 2.2 Guided Missiles
- 2.3 Free Fall Weapons and Rockets
- 2.4 Torpedoes
- 2.5 Mines
- 2.6 Directed Energy Systems
- 2.7 Explosives
- 2.8 Launchers
- 2.9 Fire Control
- 2.10 Weapons Data Links
- 2.11 Weapons Fuzing
- 2.12 Weapons Propulsion
- 2.13 Other Ordnance
- 2.14 Explosive Ordnance Disposal

### **3. COMBAT SYSTEM INTEGRATION**

- 3.1 Subsurface
- 3.2 Air
- 3.3 Surface
- 3.4 Multiplatform

### **4. SPECIAL OPERATIONS SUPPORT**

- 4.1 Landing Force Equipment and Systems
- 4.2 Coastal/Special Warfare Support

### **5. SENSORS & SURVEILLANCE SYSTEMS**

- 5.1 Sonar Systems
- 5.2 Radar Systems
- 5.3 Special Sensors
- 5.4 Space Sensor/Surveillance Systems
- 5.5 Ocean Surveillance

### **6. NAVIGATION**

- 6.1 Submarine Navigation Systems
- 6.2 Aircraft Navigation Systems
- 6.3 Surface Ship Navigation Systems
- 6.4 Weapons Navigation Systems
- 6.5 Satellite Navigation Systems

### **7. COMMAND, CONTROL, COMMUNICATIONS AND INTELLIGENCE (C<sup>3</sup>I)**

- 7.1 Submarine
- 7.2 Airborne
- 7.3 Shipboard
- 7.4 Land-Based
- 7.5 Space Communications Systems
- 7.6 Non-Tactical Data Systems
- 7.7 Air Traffic Control Systems
- 7.8 Intelligence Information Systems

**Appendix A**

- 8. DEFENSE SYSTEMS
  - 8.1 Ballistic Missile Defense
  - 8.2 Countermeasures (CM)
  - 8.3 Electronic Warfare (EW) Systems
- 9. STRATEGIC PROGRAMS
  - 9.1 Navy Strategic Systems
  - 9.2 Nuclear Weapons and Effects
- 10. GENERAL MISSION SUPPORT
  - 10.1 Personnel and Training
    - 10.1.1 Submarine-Related Training Systems
    - 10.1.2 Aircraft-Related Training Systems
    - 10.1.3 Surface Ship-Related Training Systems
    - 10.1.4 Weapons-Related Training Systems
    - 10.1.5 Human Resources Research and Development
  - 10.2 Logistics Planning and Implementation
  - 10.3 Facilities Engineering
  - 10.4 Diving, Salvage and Ocean Engineering
  - 10.5 Environmental Description, Prediction, and Effects
  - 10.6 Crew Equipment and Life Support
    - 10.6.1 Submarine
    - 10.6.2 Aircraft
    - 10.6.3 Surface Ship
    - 10.6.4 Medical Research and Combat Casualty Care
    - 10.6.5 Clothing and Textiles
  - 10.7 Major Range Development and Operation
  - 10.8 Other Subsidiary Systems or Components
  - 10.9 Activity Mission and Function Support
- 11. GENERIC TECHNOLOGY BASE. [Includes basic research and exploratory development (Budget Categories 6.1 & 6.2) projects that do not fit under the more warfare-focused functional support areas.]
  - 11.1 Computers.
  - 11.2 Software.
  - 11.3 Communications Networking.
  - 11.4 Electronic Devices.
  - 11.5 Materials and Processes.
  - 11.6 Energy Storage.
  - 11.7 Propulsion and Energy Conversion.
  - 11.8 Design Automation.
  - 11.9 Human-System Interfaces.
  - 11.10 Other Technology Base Programs.

**II. LIFE-CYCLE WORK AREAS**

**RDTE&E**

- 1. BASIC RESEARCH
- 2. EXPLORATORY DEVELOPMENT
- 3. ADVANCED DEVELOPMENT
- 4. ENGINEERING AND MANUFACTURING DEVELOPMENT
- 5. RDTE&E MANAGEMENT SUPPORT
- 6. OPERATIONAL SYSTEMS DEVELOPMENT

**ACQUISITION**

- 7. PRODUCTION
- 8. ACCEPTANCE TESTING
- 9. MODERNIZATION

10. PROGRAM SUPPORT

LIFE -TIME SUPPORT

- 11. MAINTENANCE
- 12. REPAIR
- 13. TESTING
- 14. IN-SERVICE ENGINEERING
- 15. PROGRAM SUPPORT
- 16. RETIREMENT

GENERAL

- 17. TRAINING/OPERATIONAL SUPPORT
- 18. SIMULATION, MODELING AND ANALYSIS

**APPENDIX B**

## I. FUNCTIONAL SUPPORT AREA DEFINITIONS

**1. PLATFORMS.** Those self-propelled, boosted or towed conveyances used for the strategic and tactical deployment of forces, weapons, materials and supplies in support of naval warfare. Projects within this area are limited to those in which the principal objective is to provide technological wherewithal to develop Navy aerospace craft, ships, submarines, boats, and amphibians.

1.1 *Undersea.* Self-propelled, boosted, or towed conveyances for transporting a burden under the sea.

The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are submarines and other submersibles including their application as unmanned autonomous vehicles (UAV) and targets.

1.2 *Aircraft.* Self-propelled, boosted, or towed conveyances for transporting a burden through the air. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and control systems and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are all air vehicles including their application as UAVs and targets.

1.3 *Surface Ship.* Self-propelled, boosted, or towed conveyances for transporting a burden on land or sea. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are ships and craft including their application as UAVs and targets.

1.4 *Space Satellites.* A device or spacecraft in orbit. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, and control systems, inherent in its construction and operation.

1.5 *Ground Vehicles.* Self-propelled, boosted, or towed conveyances for transporting a burden on land. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems.

**2. WEAPONS SYSTEMS.** A system that provides the capability to defeat naval and military targets by destructive means. Included are counter-countermeasures and other design features to reduce the susceptibility of the weapon to counter actions, but excluded are those projects in which the principal objective is to counter a weapons system or those efforts to make a system (other than weapons) less vulnerable to enemy weapons.

2.1 *Gun Systems.* Ordnance which fires projectiles; includes related ammunition (guided projectiles are included in "guided missiles". Included are gun systems aboard aircraft and ships, and gun systems used by personnel.

2.2 *Guided Missiles.* Weapons, either self-propelled, (i.e., reaction launched) or impulse driven (i.e., gun/tube impulse launched) capable of homing on, or following a beam or command signals through the air to a target (includes guided projectiles). Included are missiles that are launched by submarine, aircraft, and ship.

2.3 *Free Fall Weapons and Rockets.* Free fall weapons are those air-delivered weapons, including components and subsystems, which follow a ballistic trajectory after gravity launch without any guidance other than that from the initial orientation and velocity of the launching aircraft. A rocket is a self-propelled airborne vehicle whose trajectory or course, while in flight, cannot be controlled.

2.4 *Torpedoes.* Self-propelled, guided or unguided underwater weapons. Included are torpedoes launched by submarine, aircraft, and ship.

2.5 *Mines.* Self-activating standoff or contact explosive devices that are designed to destroy or damage ground vehicles, boats, ships, or aircraft, or designed to wound, kill, or otherwise incapacitate personnel.

2.6 *Directed Energy Systems.* Devices and techniques for generating and focusing high-intensity beams of electromagnetic energy or charged particles upon targets with lethal effects.

2.7 *Explosives.* Metastable compounds which can rapidly release large quantities of energy mostly in the form of hot, high-pressure gases. Explosives are used in naval munitions such as mines, torpedoes, missiles, etc., and also in other Navy products such as aircraft escape systems, fuse trains, etc.

2.8 *Launchers.* That group of devices, components, or subsystems needed to support, hold, and launch expendable weapons, countermeasure devices, or other stores; the control systems for managing these systems and the stores they carry.

2.9 *Fire Control.* Those platform-based systems which provide data for and/or control the launch platform/weapon/weapon-target interaction in all phases required by a weapons system (e.g., acquisition, track, commit-to-fire-pre-launch, post-launch, mid-course, terminal intercept, and assessment). Included are systems that are based undersea, aboard aircraft, shipboard, and on land.

2.10 *Weapons Data Links.* Efforts include the data links that are part of the weapon's command, control and communications systems.

2.11 *Weapons Fuzing.* Efforts leading to the design of systems to sense a target or the result of other prescribed conditions such as time, barometric pressure, command, etc., and initiate a train of fire. Safing and arming are primary functions performed by a fuse to preclude initiation of the ammunition before the desired position or time.

2.12 *Weapons Propulsion.* Included are propellants, subsystems and systems that comprise the means by which a weapons system moves through the air or sea.

2.13 *Other Ordnance.* Includes efforts that do not fit in the above categories (e.g., pyrotechnics, gas generators, CAD/PAD/AEPS).

2.14 *Explosive Ordnance Disposal.* Efforts relating to the technical support of explosive ordnance disposal technology and training.

**3. COMBAT SYSTEM INTEGRATION.** That effort required to introduce a new system into the operating forces. It involves the integration and evaluation of a new hardware or software subsystem installed in a Navy platform. It includes the mating, installation, and operational support of the resulting higher level system to ensure optimum operating performance.

3.1 *Subsurface.* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into undersea platforms.

3.2 *Air.* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into air platforms.

3.3 *Surface.* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into surface platforms.

3.4 *Multiplatform.* The integration of multiplatform hardware and software subsystems to make up a higher level system, including the mating, installation, and operational support (including training systems) of this higher level system.

**4. SPECIAL OPERATIONS SUPPORT.** Those efforts which are in support of amphibious landing, Marine Corps operations, special warfare and other unique operations. It includes weapons, countermeasures, surveillance and a command support which are developed specifically for the projection of forces ashore and that do not have an application by the Navy general forces in the role of sea control.

4.1 *Landing Force Equipment and Systems.* Involved is that RDT&E effort which is not functionally a part of the amphibious platform. Specifically, this includes reconnaissance of amphibious objective areas, environmental support of amphibious operations, amphibious logistics and the integration of the amphibious and Marine Corps systems required to land amphibious forces on a hostile shore and establish a beachhead. (Contingency facilities in support of forces ashore are included in "facilities".)

4.2 *Coastal/Special Warfare Support.* Techniques and systems required to defend coastal, inshore and harbor facilities as well as those needed to conduct operations such as reconnaissance, deception, coastal or offshore interdiction and assault, counterinsurgency, intelligence gathering, remote sensor operation and waterborne intrusion detection. Special warfare systems include systems, techniques, and concepts utilized by specifically cross-trained personnel in unconventional warfare and coastal/riverine operations.

**5. SENSORS & SURVEILLANCE SYSTEMS.** Those systems used to systematically observe air, space, surface and subsurface areas to detect, classify, localize and identify real or potential military targets. Excluded are those projects in which the principal objective is navigation, weapon fire control or broadbased investigation of the properties of the media or the propagation of energy therein.

5.1 *Sonar Systems.* Those sonar systems and devices used to conduct search, reconnaissance, and surveillance operations to detect, classify, locate, and/or track targets. Included are those systems and devices that are mobile aboard undersea, air, and surface platforms, and those that are fixed.

**5.2 Radar Systems.** Those radar systems and devices used to conduct search, reconnaissance, or surveillance operations to detect, classify, locate, and/or track targets. Included are those systems and devices that are mobile aboard undersea, air, and surface platforms, and those that are fixed.

**5.3 Special Sensors.** Those systems and devices which utilize unique phenomena or methods or combinations of methods to conduct search, reconnaissance, or surveillance operations to detect, classify, locate, and/or track targets. Included are active sensors, passive sensors (e.g., thermal imagers, low light level TV, and infrared search and track systems), and the associated signal and image processing.

**5.4 Space Sensor/Surveillance Systems.** Those devices and systems in Earth orbit that are used to conduct search, reconnaissance, or surveillance operations to detect, classify, locate and/or track targets.

**5.5 Ocean Surveillance.** Systems and equipment for systematic observation of ocean areas for identification and localization of ships, submarines, and aircraft from fixed and mobile platforms including operational software development, and integration of multi-sensor, coordinated detection data and its display at appropriate sites.

**6. NAVIGATION.** Those systems which utilize electromagnetic, acoustic, or inertial means to guide or navigate surface, subsurface, or aerospace platforms. Included are those systems deployed aboard submarines, aircraft, surface ships and satellites, as well as those used in weapons systems.

**6.1 Submarine Navigation Systems.** Navigation systems deployed aboard submarines, or other undersea vehicles.

**6.2 Aircraft Navigation Systems.** Navigation systems deployed aboard aircraft.

**6.3 Surface Ship Navigation Systems.** Navigation systems deployed aboard surface ships.

**6.4 Weapons Navigation Systems.** Navigation systems installed within weapon systems, such as guided missiles.

**6.5 Satellite Navigation Systems.** Navigation systems deployed aboard satellites.

**7. COMMAND, CONTROL, COMMUNICATIONS AND INTELLIGENCE (C<sup>3</sup>I).** The acquisition, processing and dissemination of information required to plan, direct, and control operations. Included are those projects in command and control, communications and intelligence. Excluded are surveillance systems, and guidance and control of vehicles and weapons. These C<sup>3</sup> systems may be internal or external to submarine, airborne, surface, and land-based platforms.

**7.1 Submarine.** C<sup>3</sup> systems deployed aboard submarines, or other undersea vehicles.

**7.2 Airborne.** C<sup>3</sup> systems deployed aboard aircraft.

**7.3 Shipboard.** C<sup>3</sup> systems deployed aboard surface ships.

**7.4 Land-Based.** C<sup>3</sup> systems deployed at shore facilities.

**7.5 Space Communications.** Communications systems in Earth orbit used to convey information.

**7.6 Non-Tactical Data Systems.** Data systems utilized aboard the Navy's operating forces and at shore sites that support ship, submarine and aircraft maintenance, configuration and asset management, supply, inventory, finance, medical, dental, manpower management, administration, food services (ship's mess), and resale operations (ship's stores).

**7.7 Air Traffic Control Systems.** Systems used to promote the safe, orderly, and expeditious movement of air traffic.

**7.8 Intelligence Information Systems.** The systems necessary to conduct the naval warfare task of intelligence. This task involves the assessment and management of information obtained via surveillance, reconnaissance, and other means to produce timely indications and warning, location, identification, intentions, technical capabilities, and tactics of potential enemies and other countries of interest.

**8. DEFENSE SYSTEMS.** Those systems that are principally designed to defeat a particular weapon system; those systems that are designed to reduce the effectiveness of an enemy's surveillance, communications, navigation and command and control; as well as those efforts directed toward gathering information on the emissions of enemy systems. It does not include those projects in which the principal objective is to incorporate design features in vehicles, surveillance, communication, navigation and other support systems which reduce their vulnerability to enemy action. It also does not include chemical/biological defense for personnel.

**8.1 Ballistic Missile Defense.** Systems designed to protect civilian population centers, military forces, and territory from ballistic missile attack.

**8.2 Countermeasures (CM).** Those systems that are principally designed to defeat a particular weapon system; reduce the effectiveness of an enemy's surveillance, communications, navigation and command and control; as well as gather information on the emissions of enemy systems. Included are those projects to develop systems deployed aboard submarine, aircraft, and surface ship, and those for countering enemy mine warfare through the destruction or neutralization of minefields.

**8.3 Electronic Warfare (EW) Systems.** Those systems, techniques, and devices utilized to determine, exploit, reduce, or prevent hostile use of the electromagnetic spectrum. Included are those projects to develop systems deployed aboard submarine, aircraft, and surface ship, as well as those to develop EW simulators.

**9. STRATEGIC PROGRAMS.** Programs conducted to support the deployment and use of the Navy's strategic deterrence force, as well as those programs conducted on nuclear weapons and effects.

**9.1 Navy Strategic Systems.** Those ships and weapon systems, subsystems, devices, techniques, trainers and facilities required specifically for the deployment and use of the Navy's strategic deterrence force.

**9.2 Nuclear Weapons and Effects.** Nuclear weapons effects and countermeasures, including thermal and nuclear radiation effects and the hardening of components and of weapons systems both nuclear and non-nuclear.

**10. GENERAL MISSION SUPPORT.** Those major areas of support required by Navy general forces that are not included under platforms, weapons systems, combat system integration, special operations support, sensors and surveillance systems, navigation, C<sup>3</sup>I, defense systems, strategic programs, and technology base programs.

10.1 *Personnel and Training.* Human resources research and development for the areas of manpower, personnel, education, and training and its support and service functions for human factors effort in system design, development and acquisition. Included are those systems related to submarine, aircraft, surface ship and weapons training, as well as human resources research.

- 10.1.1 Submarine-Related Training Systems
- 10.1.2 Aircraft-Related Training Systems
- 10.1.3 Surface Ship-Related Training Systems
- 10.1.4 Weapons-Related Training Systems
- 10.1.5 Human Resources Research and Development

10.2 *Logistics Planning and Implementation.* Projects for those aspects of military operations which deal with the movement, maintenance, supply, and support of Naval forces afloat and ashore, including underway replenishment, warehousing and mobile logistics maintenance and repair activities; material acquisition, control, handling, distribution and disposal processes; and logistics planning, control, and information processing functions.

10.3 *Facilities Engineering.* Products for (a) ocean facilities including the siting, design, construction/implant, and maintenance of facilities attached to the sea floor such as cable structures, pipelines, communications/power cables and Fleet moorings; (b) contingency facilities and equipment to support Navy and Marine Corps forces ashore in amphibious objective areas and at advanced naval bases; (c) permanent shore facilities such as buildings, piers, drydocks, airfields, POL and weapons storage, and utilities; (d) energy systems ashore including conservation, synthetic fuels, energy self-sufficiency; and (e) environmental protection systems ashore such as industrial wastewater treatment plants, air and noise pollution control devices, and solid waste management systems.

10.4 *Diving, Salvage and Ocean Engineering.* Those support systems and equipment that are required by the Navy in the performance of ocean bottom search, diving, rescue, recovery, salvage operations, and siting, design, construction/implantment, inspection, maintenance and recovery of underwater facilities and associated systems.

10.5 *Environmental Description, Prediction, and Effects.* The study, modeling, and simulation of atmospheric, oceanic, terrestrial, and space environmental effects, both natural and man-made, including the interaction of a weapon system with its operating medium and man-produced phenomena such as obscurants found on the battlefield.

10.6 *Crew Equipment and Life Support.* Techniques, equipment and devices to provide protection for and support of Navy operating personnel, including chemical/biological defense. Included are systems aboard submarines, aircraft, and surface ships, as well as medical research and combat casualty care, and clothing and textiles.

- 10.6.1 Submarine
- 10.6.2 Aircraft
- 10.6.3 Surface Ship
- 10.6.4 Medical Research and Combat Casualty Care
- 10.6.5 Clothing and Textiles

10.7 *Major Range Development and Operation.* The design, equipping, and operation of ranges offering diverse and accurate measurement and reconstruction capabilities to establish performance profile data on newly designed, as well as existing, naval vehicles and systems operating in a realistic environment.

10.8 *Other Subsidiary Systems or Components.* Subsidiary systems or components that do not fit within the above product areas (e.g., batteries).

10.9 *Activity Mission and Function Support.* Efforts that clearly support the Activity's responsibilities but which cannot be uniquely assigned to a specific functional area.

**11. GENERIC TECHNOLOGY BASE.** Includes basic research and exploratory development (Budget Categories 6.1 & 6.2) projects that do not fit under the more warfare-focused functional support areas. These areas include computers, software, communications networking, electronic devices, materials and processes, energy storage, propulsion and energy conversion, design automation, human-system interfaces, and other technology base areas.

11.1 *Computers.* High performance computing systems (and their software operating systems) providing orders-of-magnitude improvements in computational and communications capabilities as a result of improvements in hardware, architectural designs, networking, and computational methods.

11.2 *Software.* The tools and techniques that facilitate the timely generation, maintenance, and enhancement of affordable and reliable applications software, including software for distributed systems, data base software, artificial intelligence, and neural nets.

11.3 *Communications Networking.* The timely, reliable, and secure production and worldwide dissemination of information, using shared communications media and common hardware and applications software from originators to DoD consumers, in support of joint-Service mission planning, simulation, rehearsal, and execution.

11.4 *Electronic Devices.* Ultra-small (nanoscale) electronic and optoelectronic devices, combined with electronic packaging and photonics, for high speed computers, data storage modules, communications systems, advanced sensors, signal processing, radar, imaging systems, and automatic control.

11.5 *Materials and Processes.* Development of man-made materials (e.g., composites, electronic and photonic materials, smart materials) for improved structures, higher temperature engines, signature reduction, and electronics, and the synthesis and processing required for their application.

11.6 *Energy Storage.* The safe, compact storage of electrical or chemical energy, including energetic materials for military systems.

11.7 *Propulsion and Energy Conversion.* The efficient conversion of stored energy into usable forms, as in fuel efficient aircraft turbine engines and hypersonic systems.

11.8 *Design Automation.* Computer-aided design, concurrent engineering, simulation, and modeling; including the computational aspects of fluid dynamics, electromagnetics, advanced structures, structural dynamics, and other automated design processes.

11.9 *Human-System Interfaces.* The machine integration and interpretation of data and its presentation in a form convenient to the human operator; displays; human intelligence emulated in computational devices; and simulation and synthetic environments.

11.10 *Other Technology Base Programs*. All technology base programs (Budget Categories 6.1 and 6.2 only) that do not fit into the above warfare-focused functional support areas (#1 - #10), or within the above generic technology base areas (#11.1 - #11.9).

## II. LIFE-CYCLE WORK AREA DEFINITIONS

### RDT&E

1. **BASIC RESEARCH.** (Budget Category 6.1 only) This area includes scientific study and experimentation to increase knowledge and understanding in the physical, engineering, environmental and life sciences related to long-term national security needs.
2. **EXPLORATORY DEVELOPMENT.** (Budget Category 6.2 only) This area includes efforts to solve specific military problems, short of major development. Exploratory development may vary from fairly fundamental applied research to sophisticated breadboard hardware, study programming and planning efforts.
3. **ADVANCED DEVELOPMENT.** (Budget Category 6.3 only) This area includes efforts on projects which have moved into the development of hardware for test. The prime objective is proof of design concept rather than the development of hardware for service use.
4. **ENGINEERING AND MANUFACTURING DEVELOPMENT.** (Budget Category 6.4 only) This area includes programs in full scale development, but which have not received approval for production or had production funds included in the DoD budget submission for the budget or subsequent fiscal year.
5. **RDT&E MANAGEMENT SUPPORT.** (Budget Category 6.5 only) This area includes support of installations or operations required for general research and development use. Included would be test ranges, military construction, maintenance support of laboratories, operations and maintenance of test aircraft and ships, and studies and analyses in support of the R&D program.
6. **OPERATIONAL SYSTEMS DEVELOPMENT.** (Budget Category 6.6 only) This area includes projects still in full-scale development, but which have received approval for production through Defense Acquisition Board or other action, or for which production funds have been included in the DoD budget submission for the budget or subsequent fiscal year. All work in this area is identified by major line item projects that appear as "RDT&E Costs of Weapon System Elements" in other programs.

### ACQUISITION

7. **PRODUCTION.** During this phase, the system, including training equipment, spares, etc., is produced for operational use.
8. **ACCEPTANCE TESTING.** This phase involves the test and evaluation of production items to demonstrate that the items procured fulfill the requirements and specifications of the procuring contract on agreement
9. **MODERNIZATION.** This phase of the work involves the modification, upgrade, or improvement of a system or subsystem.
10. **PROGRAM SUPPORT.** This phase involves al work not fully under the category of production (#7), acceptance testing (#8), or modernization (#9), that occurs during the acquisition of new systems or subsystems.

## **LIFE-TIME SUPPORT**

11. **MAINTENANCE.** This phase of work involves the maintenance of systems and subsystems.
12. **REPAIR.** This phase of work involves the repair of systems or subsystems.
13. **TESTING.** This phase is typically funded from Budget Category 6.5 or procurement program elements. Work in this area supports developmental and/or operational testing and focuses on the evaluation of system safety, technical performance, environmental (climatic, electromagnetic, etc.) effects, sustainability and operational suitability, maturity of production processes, and compliance with the specifications and quality standards.
14. **IN-SERVICE ENGINEERING.** This phase is typically funded from Budget Category 6.6 or operations and maintenance (O&M) program elements. In-service engineering tends to focus on system peculiar capabilities in order to conduct check-out of the system and/or subsystem after they have undergone a modification, upgrade or improvement.
15. **PROGRAM SUPPORT.** This phase involves all work falling under the categories of maintenance (#11), repair (#12), testing (#13), in-service engineering (#14) and retirement (#16) that occur during the life-time support of new systems and/or subsystems.
16. **RETIREMENT.** This phase includes the retirement and disposal of obsolete systems and/or subsystems.

## **GENERAL**

17. **TRAINING/OPERATIONAL SUPPORT.** Efforts in this area, involve the training of operational forces in the use of new techniques, equipment and systems, tactics or doctrine. Training and operational support is typically funded from O&M program elements.
18. **SIMULATION, MODELING AND ANALYSIS.** This phase of work provides a simulated test environment or representation of systems, components and platforms. This work can be carried out throughout the development and test process as analytical tools, as well as tools to drive or control electronic and other environmental stimuli.

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

NEXT ECHELON LEVEL (if applicable)

N/A  
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)

N/A  
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

CAPT S. STERLING, III  
NAME (Please type or print)  
Acting Director

Signature

Date 10 MAY 1994

Title

Field Support Activity

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

Date 17 MAY 1994

Title

ACTING

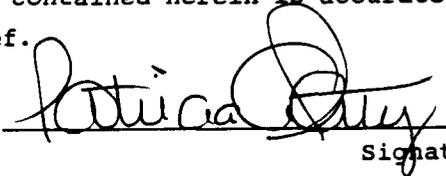
Certification for Data Call Five.

BRAC-95 CERTIFICATION

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

Patricia A. Petty

NAME (Please type or print)



Signature

Comptroller

Title

9 May 94

Date

Comptroller, Code 014

Division

N/A

Department

COMOPTEVFOR

Activity

Certification for Data Call Five.

BRAC-95 CERTIFICATION

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

D. F. Beach

NAME (Please type or print)

Deputy Chief of Staff

for Administration

Title

  
\_\_\_\_\_  
Signature

9 May 1994  
\_\_\_\_\_  
Date

Administration, Code 10

Division

N/A  
\_\_\_\_\_

Department

COMOPTEVFOR

Activity

Certification for Data Call Five.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

RADM J. J. ZERR  
NAME (Please type or print)

  
Signature

Commander  
Title

9 May 1994  
Date

COMOPTEVFOR  
Activity

Certification for Data Call Five.

# Document Separator

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)

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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

Mr. Robert W. Thornett

\_\_\_\_\_  
NAME (Please type or print)

  
Signature

Director

\_\_\_\_\_  
Title

12 Sep 94  
Date

Field Support Activity

\_\_\_\_\_  
Activity

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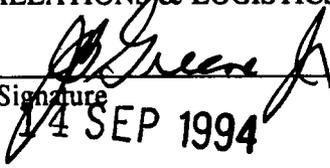
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. GREENE, JR.

\_\_\_\_\_  
NAME (Please type or print)

ACTING

\_\_\_\_\_  
Title

  
Signature

14 SEP 1994  
Date

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ACTIVITY COMMANDER

RADM J. J. ZERR  
NAME (Please type or print)

  
\_\_\_\_\_  
Signature

Commander  
Title

24 August 1994  
\_\_\_\_\_  
Date

COMOPTEVFOR  
Activity

Certification for Data Call Five.

BRAC-95 CERTIFICATION

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

D. F. Beach

NAME (Please type or print)

Deputy Chief of Staff

for Administration

Title

  
\_\_\_\_\_  
Signature

19 August 1994

Date

Administration, Code 10

Division

N/A

Department

COMOPTEVFOR

Activity

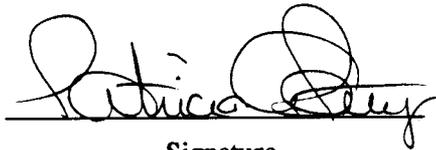
Certification for Data Call Five.

BRAC-95 CERTIFICATION

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Patricia A. Petty

NAME (Please type or print)



Signature

Comptroller

Title

19 August 1994

Date

Comptroller, Code 014

Division

N/A

Department

COMOPTVFOR

Activity

Certification for Data Call Five.

# Document Separator

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

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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. \*\*\*\*\*

7 April 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 1(FTP).

Page \_\_\_\_\_ of

UIC \_\_\_\_\_

**Table 1.1 Historical and Projected Workload for COMOPTVFOR  
(UIC N57023 )**

| <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>Budget ed Wkys</b> | <b>Actual In-House Wkys</b> | <b>Actual Onsite Contract Wkys</b> |
|--------------------|-----------------------------------|---|---|-----------------------|-----------------------------|------------------------------------|
| 86                 | 6,171                             | 6,730   | 7,699                                   |                       |                             | 5.5                                |
| 87                 | 7,088                             | 10,069  | 9,663                                   |                       | 36                          | 5.5                                |
| 88                 | 8,720                             | 16,654  | 12,363                                  | 42                    | 40                          | 5.5                                |
| 89                 | 8,944                             | 15,710  | 10,366                                  | 43                    | 45                          | 5.5                                |
| 90                 | 7,190                             | 21,097  | 11,150                                  | 43.7                  | 45                          | 5.5                                |
| 91                 | 7,220                             | 23,189  | 9,506                                   | 55.25                 | 53                          | 5.5                                |
| 92                 | 7,622                             | 28,283  | 9,107                                   | 63                    | 58                          | 5.5                                |
| 93                 | 8,632                             | 24,999  | 10,184                                  | 71                    | 61                          | 6.0                                |
| 94                 | 8,189                             |   |   | 71                    |                             |                                    |
| 95                 | 8,637                             |   |   | 71                    |                             |                                    |
| 96                 | 8,518                             |   |   | 71                    |                             |                                    |
| 97                 | 8,697                             |   |   | 71                    |                             |                                    |

Page \_\_\_\_\_ of

UIC \_\_\_\_\_

**Table 1.2 Historical and Projected Workload for Detachments of  
 - M/A - (UIC )**

| <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                 |                                   |   |   |                      |                             |                                    |
| 87                 |                                   |   |   |                      |                             |                                    |
| 88                 |                                   |   |   |                      |                             |                                    |
| 89                 |                                   |   |   |                      |                             |                                    |
| 90                 |                                   |   |   |                      |                             |                                    |
| 91                 |                                   |   |   |                      |                             |                                    |
| 92                 |                                   |   |   |                      |                             |                                    |
| 93                 |                                   |   |   |                      |                             |                                    |
| 94                 |                                   |   |   |                      |                             |                                    |
| 95                 |                                   |   |   |                      |                             |                                    |
| 96                 |                                   |   |   |                      |                             |                                    |
| 97                 |                                   |   |   |                      |                             |                                    |

Page \_\_\_\_\_ of

UIC \_\_\_\_\_

TABLE 1.3 FY 1993 BREAKOUT OF FUNDS BUDGETED for COMOPTEVFOR

(UIC N57023 )

| SPONSOR                  | RDT&E(N) (\$000) |     |       |      |       |       |     | 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 |
| COMNAVAIRSYSCOM          | 0                | 0   | 1,899 | 0    | 2,110 | 0     | 0   | 3,713       | 5,317               | 115 | 0   | 0     | 0   | 0          | 0         |
| PEO AA, A&SM             | 0                | 0   | 0     | 0    | 0     | 0     | 0   | 0           | 0                   | 15  | 0   | 0     | 0   | 0          | 0         |
| COMNAVSEASYSYSCOM        | 0                | 0   | 193   | 0    | 2,019 | 0     | 0   | 108         | 825                 | 0   | 0   | 2,026 | 0   | 0          | 0         |
| PEO for Undersea Warfare | 0                | 0   | 0     | 0    | 38    | 0     | 0   | 0           | 0                   | 0   | 0   | 0     | 0   | 0          | 0         |
| Seawolf Program Manager  | 0                | 0   | 0     | 0    | 242   | 0     | 0   | 0           | 0                   | 0   | 0   | 0     | 0   | 0          | 0         |
| PEO for Submarines       | 0                | 0   | 0     | 0    | 0     | 0     | 0   | 0           | 175                 | 0   | 0   | 0     | 0   | 0          | 0         |
| NAVSURFWARCEN DIV DAHL   | 0                | 0   | 556   | 0    | 75    | 0     | 0   | 0           | 20                  | 0   | 0   | 0     | 0   | 0          | 0         |
| COMSPAWARSYSYSCOM        | 0                | 0   | 77    | 0    | 1,353 | 0     | 0   | 1,688       | 336                 | 0   | 0   | 0     | 0   | 0          | 0         |
| NAVENLO WASH DC          | 0                | 0   | 450   | 0    | 0     | 0     | 0   | 0           | 430                 | 0   | 0   | 0     | 0   | 0          | 0         |
| DIRSSP WASH DC           | 0                | 0   | 25    | 0    | 0     | 0     | 0   | 0           | 45                  | 0   | 0   | 0     | 15  | 0          | 0         |
| ONR                      | 0                | 0   | 0     | 0    | 0     | 9,532 | 0   | 0           | 0                   | 0   | 0   | 0     | 0   | 0          | 0         |
| CNO (09BF)               | 0                | 0   | 0     | 0    | 0     | 0     | 0   | 0           | 412                 | 0   | 0   | 0     | 0   | 0          | 0         |
| Air Force                | 0                | 0   | 0     | 0    | 0     | 0     | 0   | 35          | 0                   | 0   | 0   | 0     | 0   | 0          | 0         |
| Army                     | 0                | 0   | 0     | 0    | 655   | 0     | 0   | 3           | 20                  | 0   | 75  | 0     | 0   | 0          | 0         |

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|--|---|---|---|---|---|---|---|-----|----|---|----|----|---|----|---|
| NAVCOMTELSTA<br>WASH DC                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 16 | 0 | 0  | 0  | 0 | 0  | 0 |
| NIA                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 7  | 0 | 0  | 0  | 0 | 0  | 0 |
| NAVELEX                                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 3  | 0 | 15 | 0  | 0 | 0  | 0 |
| COMNAVAIRWARCEN<br>AC DIV PAX River      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 | 0  | 4 | 0  | 0  | 0 | 0  | 0 |
| COMNAVSUPSYSCOM                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 0  | 0 | 0  | 0  | 0 | 71 | 0 |
| COMNAVAIRWARCEN<br>WPNDIV PT Mugu,<br>CA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 0  | 0 | 0  | 87 | 0 | 0  | 0 |

\* 6.3a: None of the funding documents COTF receives indicate an "a" or "b", and NAVCOMPT Volume 7 does not address these categories; therefore, all 6.3 funding is listed in the 6.3a category.

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**TABLE 1.3 FY 1994 BREAKOUT OF FUNDS BUDGETED for COMOPTEVFOR (UIC N57023 )**

| 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 |
| COMNAVAIRSYSCOM                      | 0        | 45  | 1,550 | 0    | 1,517 | 0   | 0   | 4,307       | 3,847               | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO Cruise Missile Proj UAV ** Joint | 0        | 0   | 30    | 0    | 0     | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO Cruise Missile Project           | 0        | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 310                 | 0   | 0   | 0   | 0     | 0          | 0         |
| COMNAVSEASYSKOM                      | 0        | 0   | 2,000 | 0    | 1,645 | 0   | 0   | 54          | 480                 | 0   | 0   | 400 | 2,800 | 0          | 0         |
| PEO Ship Defense/TAD ***             | 0        | 0   | 0     | 0    | 110   | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO TAD                              | 0        | 0   | 1,575 | 0    | 262   | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| Aegis Program Manager                | 0        | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 2,500 | 0          | 0         |
| NAVSURFWARCENDIV DAHL                | 0        | 0   | 75    | 0    | 296   | 0   | 0   | 1           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| COMSPAWARISYSKOM                     | 0        | 0   | 0     | 0    | 2,030 | 0   | 0   | 1,504       | 336                 | 0   | 0   | 0   | 0     | 0          | 0         |
| Program Office NETPMSA               | 0        | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 35                  | 0   | 0   | 0   | 0     | 0          | 0         |
| WPNSTA Yorktown VA                   | 0        | 0   | 2     | 0    | 0     | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| ONI                                  | 0        | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 3                   | 0   | 0   | 0   | 0     | 0          | 0         |
| COMNAVSECGRU WASH DC                 | 0        | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 34                  | 0   | 0   | 0   | 0     | 0          | 0         |

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|--|---|---|----|---|-----|-------|---|----|-----|---|---|---|----|----|---|
| DIRSSP WASH DC                           | 0 | 0 | 50 | 0 | 0   | 0     | 0 | 0  | 107 | 0 | 0 | 0 | 47 | 0  | 0 |
| ONR                                      | 0 | 0 | 0  | 0 | 0   | 9,014 | 0 | 0  | 0   | 0 | 0 | 0 | 0  | 0  | 0 |
| CNO (09BF)                               | 0 | 0 | 0  | 0 | 0   | 0     | 0 | 0  | 407 | 0 | 0 | 0 | 0  | 0  | 0 |
| COMNAVAIRWARCEN<br>AC DIV PAX River      | 0 | 0 | 0  | 0 | 110 | 0     | 0 | 0  | 0   | 0 | 0 | 0 | 0  | 31 | 0 |
| Air Force                                | 0 | 0 | 0  | 0 | 0   | 0     | 0 | 68 | 0   | 0 | 0 | 0 | 0  | 0  | 0 |
| Army                                     | 0 | 0 | 0  | 0 | 400 | 0     | 0 | 0  | 26  | 0 | 0 | 0 | 0  | 0  | 0 |
| COMNAVAIRWARCEN<br>WPN DIV PT Mugu<br>CA | 0 | 0 | 0  | 0 | 0   | 0     | 0 | 0  | 0   | 0 | 0 | 0 | 0  | 1  | 0 |

\* 6.3a: None of the funding documents COTF receives indicate an "a" or "b", and NAVCOMPT Volume 7 does not address these categories; therefore, all 6.3 funding is listed in the 6.3a category.

\*\* UAV: Unmanned Aerial Vehicles

\*\*\* TAD: Theater Air Defense

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**TABLE 1.3 FY 1995 BREAKOUT OF FUNDS BUDGETED for COMOPTEVFOR (UIC N57023)**

| 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   | Oth er Nav y | All Oth er |
| COMNAVAIRSYSCOM                 | 0        | 0   | 1,220 | 0    | 1,000 | 0     | 0   | 4,400       | 2,750               | 0   | 0   | 0   | 0     | 0            | 0          |
| PEO Missile Proj UAV Joint      | 0        | 0   | 40    | 0    | 0     | 0     | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0            | 0          |
| PEO Cruise Missile Project      | 0        | 0   | 0     | 0    | 0     | 0     | 0   | 0           | 330                 | 0   | 0   | 0   | 0     | 0            | 0          |
| COMNAVSEASYSKOM                 | 0        | 0   | 2,000 | 0    | 1,950 | 0     | 0   | 230         | 400                 | 0   | 0   | 350 | 1,050 | 0            | 0          |
| PEO Ship Defense/TAD            | 0        | 0   | 0     | 0    | 125   | 0     | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0            | 0          |
| PEO TAD                         | 0        | 0   | 2,100 | 0    | 375   | 0     | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0            | 0          |
| Aegis Program Manager           | 0        | 0   | 0     | 0    | 0     | 0     | 0   | 0           | 0                   | 0   | 0   | 0   | 2,475 | 0            | 0          |
| NAVSURFWARCEN-DIV DAHL          | 0        | 0   | 75    | 0    | 300   | 0     | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0            | 0          |
| COMSPAWARSSYSKOM                | 0        | 0   | 400   | 0    | 2,100 | 0     | 0   | 1,550       | 220                 | 0   | 0   | 0   | 0     | 0            | 0          |
| Program Office NETPMSA          | 0        | 0   | 0     | 0    | 0     | 0     | 0   | 0           | 37                  | 0   | 0   | 0   | 0     | 0            | 0          |
| COMNAVSECGRU WASH DC            | 0        | 0   | 0     | 0    | 0     | 0     | 0   | 0           | 32                  | 0   | 0   | 0   | 0     | 0            | 0          |
| NAVENLO WASH DC                 | 0        | 0   | 0     | 0    | 650   | 0     | 0   | 0           | 400                 | 0   | 0   | 0   | 0     | 0            | 0          |
| DIRSSP WASH DC                  | 0        | 0   | 80    | 0    | 0     | 0     | 0   | 0           | 200                 | 0   | 0   | 0   | 0     | 0            | 0          |
| ONR                             | 0        | 0   | 0     | 0    | 0     | 9,437 | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0            | 0          |
| CNO (09BF)                      | 0        | 0   | 0     | 0    | 0     | 0     | 0   | 0           | 420                 | 0   | 0   | 0   | 0     | 0            | 0          |
| COMNAVAIRWARCEN ACDIV PAX River | 0        | 0   | 0     | 0    | 120   | 0     | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0            | 0          |

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**TABLE 1.3 FY 1996 BREAKOUT OF FUNDS BUDGETED for COMOPTEVFOR (UIC N57023)**

| 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 |
| COMNAVAIRSYSCOM                   | 0         | 0   | 1,120 | 0    | 950   | 0   | 0   | 4,100       | 2,750               | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO Cruise Missile Project        | 0         | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 330                 | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO Cruise Missile Proj UAV Joint | 0         | 0   | 70    | 0    | 0     | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| COMNAVSEASYSKOM                   | 0         | 0   | 2,000 | 0    | 1,900 | 0   | 0   | 180         | 375                 | 0   | 0   | 179 | 750   | 0          | 0         |
| PEO Ship Defense TAD              | 0         | 0   | 0     | 0    | 300   | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO TAD                           | 0         | 0   | 2,000 | 0    | 470   | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| Aegis Program Manager             | 0         | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 2,200 | 0          | 0         |
| NAVSURFWARCEN-DIV DAHL            | 0         | 0   | 50    | 0    | 275   | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| COMSPAWARSYSKOM                   | 0         | 0   | 400   | 0    | 2,000 | 0   | 0   | 1,400       | 100                 | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO NETPMSA                       | 0         | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 37                  | 0   | 0   | 0   | 0     | 0          | 0         |
| COMNAVSECGRU WASH DC              | 0         | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 25                  | 0   | 0   | 0   | 0     | 0          | 0         |
| NAVENLO WASH DC                   | 0         | 0   | 0     | 0    | 650   | 0   | 0   | 0           | 400                 | 0   | 0   | 0   | 0     | 0          | 0         |

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|                |   |   |    |   |     |       |   |     |     |   |   |   |   |   |   |
|----------------|---|---|----|---|-----|-------|---|-----|-----|---|---|---|---|---|---|
| DIRSSP WASH DC | 0 | 0 | 80 | 0 | 0   | 0     | 0 | 0   | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| ONR            | 0 | 0 | 0  | 0 | 0   | 9,318 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0 | 0 |
| CNO (09BF)     | 0 | 0 | 0  | 0 | 0   | 0     | 0 | 0   | 529 | 0 | 0 | 0 | 0 | 0 | 0 |
| Air Force      | 0 | 0 | 0  | 0 | 0   | 0     | 0 | 200 | 0   | 0 | 0 | 0 | 0 | 0 | 0 |
| Army           | 0 | 0 | 0  | 0 | 350 | 0     | 0 | 0   | 120 | 0 | 0 | 0 | 0 | 0 | 0 |

\* 6.3a: None of the funding documents COTF receives indicate an "a" or "b", and NAVCOMPT Volume 7 does not address these categories; therefore, all 6.3 funding is listed in the 6.3a category.

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**TABLE 1.3 FY 1997 BREAKOUT OF FUNDS BUDGETED for COMOPTEVFOR (UIC N57023)**

| 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 |
| COMNAVAIRSYSCOM                   | 0         | 0   | 1,225 | 0    | 797   | 0   | 0   | 4,000       | 3,000               | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO Cruise Missile Project        | 0         | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 315                 | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO Cruise Missile Proj UAV Joint | 0         | 0   | 30    | 0    | 0     | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| COMNAVSEASYSYSCOM                 | 0         | 0   | 2,000 | 0    | 1,700 | 0   | 0   | 58          | 270                 | 0   | 0   | 398 | 698   | 0          | 0         |
| PEO Ship Defense/TAD              | 0         | 0   | 0     | 0    | 120   | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO TAD                           | 0         | 0   | 1,600 | 0    | 270   | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| Aegis Program Manager             | 0         | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 2,475 | 0          | 0         |
| NAVSURFWARCEN-DIV DAHL            | 0         | 0   | 77    | 0    | 295   | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| COMSPAWARSYSCOM                   | 0         | 0   | 0     | 0    | 2,075 | 0   | 0   | 1,600       | 135                 | 0   | 0   | 0   | 0     | 0          | 0         |
| PEO NETPMSA                       | 0         | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 36                  | 0   | 0   | 0   | 0     | 0          | 0         |
| WPNSTA Yorktown                   | 0         | 0   | 3     | 0    | 0     | 0   | 0   | 0           | 0                   | 0   | 0   | 0   | 0     | 0          | 0         |
| ONI                               | 0         | 0   | 0     | 0    | 0     | 0   | 0   | 0           | 2                   | 0   | 0   | 0   | 0     | 0          | 0         |

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|                                  |   |   |    |   |     |       |   |     |     |   |   |   |   |    |   |
|----------------------------------|---|---|----|---|-----|-------|---|-----|-----|---|---|---|---|----|---|
| COMNAVSECGRU<br>WASH DC          | 0 | 0 | 0  | 0 | 0   | 0     | 0 | 0   | 34  | 0 | 0 | 0 | 0 | 0  | 0 |
| NAVENLO WASH DC                  | 0 | 0 | 0  | 0 | 665 | 0     | 0 | 0   | 409 | 0 | 0 | 0 | 0 | 0  |   |
| DIRSSP WASH DC                   | 0 | 0 | 60 | 0 | 0   | 0     | 0 | 0   | 106 | 0 | 0 | 0 | 0 | 48 | 0 |
| ONR                              | 0 | 0 | 0  | 0 | 0   | 9,497 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0  | 0 |
| CNO (09BF)                       | 0 | 0 | 0  | 0 | 0   | 0     | 0 | 0   | 471 | 0 | 0 | 0 | 0 | 0  | 0 |
| COMNAVAIRWARCEN<br>DIV PAX River | 0 | 0 | 0  | 0 | 112 | 0     | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 32 | 0 |
| Air Force                        | 0 | 0 | 0  | 0 | 0   | 0     | 0 | 190 | 0   | 0 | 0 | 0 | 0 | 0  | 0 |
| Army                             | 0 | 0 | 0  | 0 | 400 | 0     | 0 | 0   | 50  | 0 | 0 | 0 | 0 | 0  | 0 |

\* 6.3a: None of the funding documents COTF receives indicate an "a" or "b", and NAVCOMPT Volume 7 does not address these categories; therefore, all 6.3 funding is listed in the 6.3a category.

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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.

**NOTES** for item 2. Current Class Assets:

- 1. MILCON Project P-061, Operations Center, FY 94, will be awarded in August 1994, and construction to commence within 120 days. Project scope is 57,740 gross square feet (GSF) at \$8.1 million. The new facility will have 8,324 additional gross square footage. Estimated BOD is Jan 97.
- 2. Current assets, except for gymnasium (5,704 GSF), will be demolished before BOD.

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Table 2.1 Main Site Class 2 Assets of COMOPTEVFOR (UIC N57023)

| 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                         |                                 |              | 49.42       | 49.42 |
| 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                         |                                 | 5.70         | 1.61        | 7.31  |
| Utilities & Grounds                   | 800                         |                                 |              |             |       |
| Other                                 |                             |                                 |              |             |       |
| <b>Totals</b>                         |                             |                                 | 5.70         | 51.03       | 56.73 |

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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: Combined Research Laboratory/310-23
- (2) WHAT MAKES IT INADEQUATE? To renovate, it would cost more than 75% of the cost for equivalent new construction.
- (3) WHAT USE IS BEING MADE OF THE FACILITY? Administrative Use
- (4) WHAT IS THE COST TO UPGRADE THE FACILITY TO ADEQUATE? \$9.9 million
- (5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None
- (6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None
- (7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

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Table 2.3 Class 2 Space Utilized/Leased by N/A (UIC \_\_\_\_\_)

| Building type                           | NAVFAC<br>(P-80)<br>category<br>code | GF/BA (KSF) |                  |                 |       |
|---|--------------------------------------|-------------|------------------|-----------------|-------|
|   |                                      | Adequate    | Sub-<br>standard | In-<br>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                                  |             |                  |                 |       |

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|               |  |  |  |  |  |
|---------------|--|--|--|--|--|
| Other         |  |  |  |  |  |
| <b>Totals</b> |  |  |  |  |  |

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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.

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Table 2.4 Class 2 Assets of  N/A  Occupied by Detachments

| Building type                           | NAVFAC<br>(P-80)<br>category<br>code | GF/BA (KSF) |                  |                 |       |
|---|--------------------------------------|-------------|------------------|-----------------|-------|
|   |                                      | Adequate    | Sub-<br>standard | In-<br>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                                  |             |                  |                 |       |

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|               |  |  |  |  |  |
|---------------|--|--|--|--|--|
| Other         |  |  |  |  |  |
| <b>Totals</b> |  |  |  |  |  |

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:

NOTE: (1) through (7) are not applicable to COMOPTEVFOR.

- (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?

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Table 2.6 Class 2 Space Utilized/Leased by Detachments of  N/A   
(UIC \_\_\_\_\_ )

| Building type                           | NAVFAC<br>(P-80)<br>category<br>code | GF/BA (KSF) |                  |                 |                    |
|---|--------------------------------------|-------------|------------------|-----------------|--------------------|
|   |                                      | Adequate    | Sub-<br>standard | In-<br>adequate | Total-<br>adequate |
| 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> |  |  |  |  |  |

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

a. What is the maximum quantity of space that could be made available for expansion to accommodate other functions and/or increased efforts? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. NONE  
 \_\_\_\_\_ 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 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.

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Othis 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; LAND IS OWNED BY COMNAVBASE, NORFOLK.

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

N/A

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Class 1 Resources of  N/A  (UIC:  )  
 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                              |             |                   |                           |              |
| Total:                             |             |                   |                           |              |

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

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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. N/A

**Table 5.1 Base Infrastructure Capacity & Load**

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

\* NOTE: Peak demand is not measured at our command; it is measured for the whole Naval Base, Norfolk.

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.

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**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 COMOPTEVFOR (UIC: N57023)**

| Fiscal Year | MRP (\$M) | CPV (\$M) | ACE (\$M) |
|-------------|-----------|-----------|-----------|
| 1985        | .350*     | 4.26      | **        |
| 1986        | .350*     | 4.33      | **        |
| 1987        | .360*     | 4.37      | **        |
| 1988        | .269      | 4.62      | **        |
| 1989        | .288      | 4.69      | **        |
| 1990        | .651      | 4.78      | 1.00      |
| 1991        | .315      | 4.84      | 1.05      |
| 1992        | .145      | 4.93      | 1.13      |
| 1993        | .070      | 5.12      | 1.34      |
| 1994        | .100      | 5.24      | 1.41      |
| 1995        | .100      | 5.37      | 1.51      |
| 1996        | .100      | 5.51      | 1.57      |
| 1997        | .100      | 5.65      | 1.63      |

\* Estimates

\*\* No records available for FY 85 - FY 89.

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c. Training Facilities:

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

| Type of Training Facility/CCN | School | Type of Training | FY 1993 Requirements |   |   | FY 2001 Requirements |   |   |
|-------------------------------|--------|------------------|----------------------|---|---|----------------------|---|---|
|                               |        |                  | A                    | B | C | A                    | B | C |
|                               |        |                  |                      |   |   |                      |   |   |
|                               |        |                  |                      |   |   |                      |   |   |
|                               |        |                  |                      |   |   |                      |   |   |
|                               |        |                  |                      |   |   |                      |   |   |

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

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(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) |
|----------------------------|--------------|-----------------------------------|---------------------------|
| 171-25                     | 1            | 85                                | 170,000*                  |
|                            |              |                                   |                           |
|                            |              |                                   |                           |
|                            |              |                                   |                           |
|                            |              |                                   |                           |
|                            |              |                                   |                           |
|                            |              |                                   |                           |

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

\*  $1 \times 85 \times 250 \text{ days/yr} \times 8 \text{ hrs/day} = 170,000 \text{ hrs/yr}$

---

<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.

N/A

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\_\_\_\_\_

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**TAB A**

**SHIP BERTHING CAPACITY**

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

**Note:** Tab A is not applicable to COMOPTEVFOR

**SHIP BERTHING CAPACITY**

1. [11.] For each Pier/Wharf at your facility list the following structural characteristics. Indicate the additional controls required if the pier is inside a Controlled Industrial Area or High Security Area. Provide the average number of days per year over the last eight years that the pier was out of service (OOS) because of maintenance, including dredging of the associated slip:

Table 11.1

| Pier/Wharf & Age <sup>1</sup> | CCN <sup>2</sup> | Moor Length (ft) | Design Dredge Depth <sup>3</sup> (ft) (MLLW) | Slip Width <sup>4</sup> (ft) | Pier Width (ft) <sup>5</sup> | CIA/Security Area? (Y/N) <sup>6</sup> | ESQD Limit <sup>7</sup> | # Days OOS for maint. |
|-------------------------------|------------------|------------------|--|------------------------------|------------------------------|---------------------------------------|-------------------------|-----------------------|
|                               |                  |                  |  |                              |                              |                                       |                         |                       |
|                               |                  |                  |  |                              |                              |                                       |                         |                       |
|                               |                  |                  |  |                              |                              |                                       |                         |                       |
|                               |                  |                  |  |                              |                              |                                       |                         |                       |
|                               |                  |                  |  |                              |                              |                                       |                         |                       |
|                               |                  |                  |  |                              |                              |                                       |                         |                       |
|                               |                  |                  |  |                              |                              |                                       |                         |                       |
|                               |                  |                  |  |                              |                              |                                       |                         |                       |

<sup>1</sup>Original age and footnote a list of MILCON improvements in the past 10 years.

<sup>2</sup>Use NAVFAC P-80 for category code number.

<sup>3</sup>Comment if unable to maintain design dredge depth

<sup>4</sup>Water distance between adjacent finger piers.

<sup>5</sup>Indicate if RO/RO and/or Aircraft access.

<sup>6</sup>Describe the additional controls for the pier.

<sup>7</sup>Net explosive weight. List all ESQD waivers that are in effect with expiration date.

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3. [13.] For each pier/wharf listed above state today's normal loading, the maximum capacity for berthing, maximum capacity for weapons handling evolutions, and maximum capacity to conduct intermediate maintenance.

Table 13.1

| Pier/Wharf | Typical Steady State Loading <sup>1</sup> | Ship Berthing Capacity | Ordnance Handling Pier Capacity <sup>2</sup> | IMA Maintenance Pier Capacity <sup>3</sup> |
|------------|---|------------------------|--|--|
|            |   |                        |  |  |
|            |   |                        |  |  |
|            |   |                        |  |  |
|            |   |                        |  |  |
|            |   |                        |  |  |
|            |   |                        |  |  |
|            |   |                        |  |  |
|            |   |                        |  |  |
|            |   |                        |  |  |
|            |   |                        |  |  |

- 1 Typical pier loading by ship class with current facility ship loading.
- 2 List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.
- 3 List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown or access limitations.

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4. [14.] For each pier/wharf listed above, based on Presidential Budget 1995 budgeted infrastructure improvements in the Presidential Budget 1995 through FY 1997 and the BRAC-91 and BRAC-93 realignments, state the expected normal loading, the maximum capacity for berthing, maximum capacity for weapons handling evolutions, and maximum capacity to conduct intermediate maintenance.

Table 14.1

| Pier/<br>Wharf | Typical<br>Steady State<br>Loading <sup>1</sup> | Ship Berthing<br>Capacity | Ordnance<br>Handling Pier<br>Capacity <sup>2</sup> | IMA<br>Maintenance<br>Pier Capacity <sup>3</sup> |
|----------------|---|---------------------------|--|--|
|                |   |                           |  |  |
|                |   |                           |  |  |
|                |   |                           |  |  |
|                |   |                           |  |  |
|                |   |                           |  |  |
|                |   |                           |  |  |
|                |   |                           |  |  |
|                |   |                           |  |  |
|                |   |                           |  |  |
|                |   |                           |  |  |

- 1 Typical pier loading by ship class with current facility ship loading.
- 2 List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.
- 3 List the maximum number of ships that can be serviced in maintenance availabilities at each

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pier without berth shifts because of crane,  
laydown, or access limitations.

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—

5. [15.a.] How much pier space is required to berth and support ancillary craft (tugs, barges, floating cranes, etc.) currently at your facility? Indicate if certain piers are uniquely suited to support these craft.

6. [15.b.] What is the average pier loading in ships per day due to visiting ships at your base. Indicate if it varies significantly by season.

7. [15.c.] Given no funding or manning limits, what modifications or improvements would you make to the waterfront infrastructure to increase the cold iron ship berthing capacity of your installation? Provide a description, cost estimates, and additional capacity gained.

8. [15.d.] Describe any unique limits or enhancements on the berthing of ships at specific piers at your base.

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**TAB B**

**OPERATIONAL AIRFILED CAPACITY**

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

**Note:** TAB B is not applicable to COMOPTEVFOR

1. [1a.] For the main airfield and each auxiliary airfield, answer the following questions:

Airfield Name \_\_\_\_\_

For each runway, give its designation, length, width, load capacity, lighting configurations, and arresting gear types. For each runway list any approach obstructions or any restrictions on flight patterns.

| Runway | Length (ft) | Width (ft) | Max load | Lighting |   |   |   | Arresting Gear Type(s) |
|--------|-------------|------------|----------|----------|---|---|---|------------------------|
|        |             |            |          | F        | P | C | N |                        |
|        |             |            |          |          |   |   |   |                        |
|        |             |            |          |          |   |   |   |                        |
|        |             |            |          |          |   |   |   |                        |

- F -- Full lighting (runway edge, center, and threshold)
- P -- Partial lighting (less than full)
- C -- Carrier deck lighting simulated
- N -- No lighting

2. [1b.] Provide the composition (concrete, asphalt) and load bearing capacity of your aprons, ramps and taxiway.

| Apron/ramp/taxiway Location - ID | SF | Comp. | Load Bearing Capacity | Comments |
|----------------------------------|----|-------|-----------------------|----------|
|                                  |    |       |                       |          |
|                                  |    |       |                       |          |
|                                  |    |       |                       |          |
|                                  |    |       |                       |          |
|                                  |    |       |                       |          |

3. [1c.] Do you have high speed taxiways? Discuss number and impact on airfield operations.

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4. [1d.] Are all runways with approved instrument approaches served by hi-speed taxiways?

5. [1e.] List any restrictions to runways with approach obstructions or any restrictions on flight patterns. Explain

6. [1f.] For the main airfield and each auxiliary and outlying field, discuss any runway design features that are specific to particular types of aircraft (i.e., are the airfield facilities designated primarily fixed wing jet, prop, or helo aircraft?)

7. [2a.] List the number of flight operations (take-off, landing, or approach without landing) that the main airfield and all auxiliary fields can support on an hourly basis in both VMC and IMC. Comment on the factors at each field that limit this capacity (e.g., taxiway/runway limitations, airspace, ATC restrictions, environmental restrictions).

| Airfield  | # Flight Ops/Hr |     | Comments on Limiting Factors |
|-----------|-----------------|-----|------------------------------|
|           | IMC             | VMC |                              |
| Main      |                 |     |                              |
| Auxiliary |                 |     |                              |
| Auxiliary |                 |     |                              |
| Auxiliary |                 |     |                              |

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8. [2b.] Provide the average number of (historical) flight operations per month conducted at this station and the total number of days during which these operations were conducted. If data is not normally recorded, include estimates (and how derived). A flight operation is defined as a take-off, landing, or approach without a landing.

| FY   | Main Airfield |        | Auxiliary Field |        | Auxiliary Field |        | Auxiliary Field |        |
|------|---------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|
|      | # Ops         | # Days | # Ops           | # Days | # Ops.          | # Days | # Ops.          | # Days |
| 1991 |               |        |                 |        |                 |        |                 |        |
| 1992 |               |        |                 |        |                 |        |                 |        |
| 1993 |               |        |                 |        |                 |        |                 |        |

9. [2c.] What percent of your flight operations are Fleet Carrier Landing Practices (FCLPs)?

10. [2d.] Are you designated as an authorized divert field for any non-DoD aircraft? Explain.

11. [2d.] Is your airfield designated as a joint use airfield (i.e. civilian/military)? Explain.

12. [2e.] What percentage of total operations are civilian?

13. [2f.] Describe the major civilian air traffic structures (routes, terminal control areas, approaches, etc.) discuss the present and likely future impact of each on air station operations.

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14. [2g.] Are there any air traffic control constraints/procedures that currently, or may in the future, limit air station operations? If yes, fully explain impact.

15. [4.] List all NAVAIDS with published approaches that support the main airfield and/or your auxiliary airfields. Note any additions/upgrades to be added between now and FY1997.

| NAVAID | DESCRIPTION/LOCATION |
|--------|----------------------|
|        |                      |
|        |                      |
|        |                      |
|        |                      |
|        |                      |
|        |                      |
|        |                      |

16. [5a.] List all active duty Navy/USMC squadrons/detachments and the number of aircraft by type, model, and series (T/M/S), that will be permanently stationed/are scheduled to be stationed at this air station at the end of the indicated fiscal years.

| Squadron/<br>Det | # of<br>Aircra<br>ft<br>(PAA) | Aircraft<br>(T/M/S) | FY<br>1994 | FY<br>1995 | FY<br>1997 | FY<br>1999 | FY<br>200<br>1 |
|------------------|-------------------------------|---------------------|------------|------------|------------|------------|----------------|
|                  |                               |                     |            |            |            |            |                |
|                  |                               |                     |            |            |            |            |                |
|                  |                               |                     |            |            |            |            |                |
|                  |                               |                     |            |            |            |            |                |
|                  |                               |                     |            |            |            |            |                |
|                  |                               |                     |            |            |            |            |                |
|                  |                               |                     |            |            |            |            |                |

17. [5b.] Summarize average visiting squadron/det loading on

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air station operations(i.e. airwing/wing weapons deployment).

| Squadron/DET Size (#A/C) | Apron Space Used | Hangar Space Assigned | Maintenance Support | Ave length of stay |
|--------------------------|------------------|-----------------------|---------------------|--------------------|
|                          |                  |                       |                     |                    |
|                          |                  |                       |                     |                    |
|                          |                  |                       |                     |                    |
|                          |                  |                       |                     |                    |
|                          |                  |                       |                     |                    |
|                          |                  |                       |                     |                    |

18. [5c.] If a major percent of flight operations at your air station is from other than permanently stationed squadron/detachments, provide explanation.

19. [6a.] List all reserve Navy/USMC squadrons/detachments and the number of aircraft by type, model, and series (T/M/S), which will be stationed/are scheduled to be stationed at this air station at the end of the indicated fiscal years.

| Squadron/Det | # of Aircraft (PAA) | Aircraft (T/M/S) | FY 1994 | FY 1995 | FY 1997 | FY 1999 | FY 2001 |
|--------------|---------------------|------------------|---------|---------|---------|---------|---------|
|              |                     |                  |         |         |         |         |         |
|              |                     |                  |         |         |         |         |         |
|              |                     |                  |         |         |         |         |         |
|              |                     |                  |         |         |         |         |         |
|              |                     |                  |         |         |         |         |         |
|              |                     |                  |         |         |         |         |         |
|              |                     |                  |         |         |         |         |         |
|              |                     |                  |         |         |         |         |         |

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20. [7.] List all **Station aircraft** by number, type, model, and series (T/M/S), which will be parked or stationed/are scheduled to be stationed at this air station at the end of the indicated fiscal years.

| Squadron/<br>Custodian | # of<br>Aircra<br>ft<br>(PAA) | Aircraft<br>(T/M/S) | FY<br>1994 | FY<br>1995 | FY<br>1997 | FY<br>1999 | FY<br>200<br>1 |
|------------------------|-------------------------------|---------------------|------------|------------|------------|------------|----------------|
|                        |                               |                     |            |            |            |            |                |
|                        |                               |                     |            |            |            |            |                |
|                        |                               |                     |            |            |            |            |                |
|                        |                               |                     |            |            |            |            |                |
|                        |                               |                     |            |            |            |            |                |
|                        |                               |                     |            |            |            |            |                |
|                        |                               |                     |            |            |            |            |                |
|                        |                               |                     |            |            |            |            |                |
|                        |                               |                     |            |            |            |            |                |

21. [8.] List all **DoD and non-DoD aircraft** not previously listed, by custodian, including number, type, model, and series (T/M/S) of aircraft, which will be parked or stationed/are scheduled to be stationed at this air station at the end of the indicated fiscal years.

| Service/<br>Agency/<br>Custodian | # of<br>Aircra<br>ft<br>(PAA) | Aircraft<br>(T/M/S) | FY<br>1994 | FY<br>1995 | FY<br>1997 | FY<br>1999 | FY<br>200<br>1 |
|----------------------------------|-------------------------------|---------------------|------------|------------|------------|------------|----------------|
|                                  |                               |                     |            |            |            |            |                |
|                                  |                               |                     |            |            |            |            |                |
|                                  |                               |                     |            |            |            |            |                |
|                                  |                               |                     |            |            |            |            |                |
|                                  |                               |                     |            |            |            |            |                |

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22. [9a.] List other operational command or support units (ie. air wing staffs, MWSG, MWSS, MACG, MASS, etc.) stationed at this installation. For each Unit, give the unit identification number/UIC, mission, and facilities required (currently being used) to support the unit (i.e. equipment parking - 2500 SF; maintenance shop-200 SF; etc.).

| Support Unit Identification/UIC | Mission | Facilities Required | Equipment Laydown Requirement (covered/uncovered in SF) |
|---------------------------------|---------|---------------------|---|
|                                 |         |                     |   |
|                                 |         |                     |   |
|                                 |         |                     |   |
|                                 |         |                     |   |
|                                 |         |                     |   |
|                                 |         |                     |   |
|                                 |         |                     |   |

23. [9b.] Due to BRAC or other realignments, what increases/decreases in operational command or support units will occur at your installation. Provide expected gains/losses by year through 2001.

24. [10a.] List all other USN/USNR, USMC/USMCR, and other DoD or non-DoD active and SELRES units not listed previously, that are scheduled to be stationed at this air station at the end of the indicated fiscal years.

| Unit | Active or Reserve | FY 1994 | FY 1995 | FY 1997 | FY 1999 | FY 2001 |
|------|-------------------|---------|---------|---------|---------|---------|
|      |                   |         |         |         |         |         |
|      |                   |         |         |         |         |         |
|      |                   |         |         |         |         |         |
|      |                   |         |         |         |         |         |

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26. [12c.] For each **Special Use Airspace (SUA)** or **airspace-for-special-use** complete the following table:

| SUA | Location/<br>Distance | Types/Uses | Scheduling<br>Authority<br>(UIC) | Fiscal<br>Year | Scheduled | Utilized | Operating<br>Limitations <sup>2</sup> |
|-----|-----------------------|------------|----------------------------------|----------------|-----------|----------|---------------------------------------|
|     |                       |            |                                  |                | # Hours   | # Hours  |                                       |
|     |                       |            |                                  | 1991           |           |          |                                       |
|     |                       |            |                                  | 1992           |           |          |                                       |
|     |                       |            |                                  | 1993           |           |          |                                       |
|     |                       |            |                                  | 1991           |           |          |                                       |
|     |                       |            |                                  | 1992           |           |          |                                       |
|     |                       |            |                                  | 1993           |           |          |                                       |
|     |                       |            |                                  | 1991           |           |          |                                       |
|     |                       |            |                                  | 1992           |           |          |                                       |
|     |                       |            |                                  | 1993           |           |          |                                       |

<sup>1</sup> For the "Utilized" values, provide reasons for hours scheduled, but not utilized (e.g. 40% cancelled due to weather; 10% cancelled for unscheduled range maintenance, etc.).

<sup>2</sup> Provide any comments on operating limitations.

27. [12d.] Assuming that the flight training facility is **not constrained by operational funding** (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc. , what **additional use of airspace assets** could be realized? Provide details and assumptions for all calculations.

28. [12h.] In the event that it became necessary to increase base loading at your installation, does the **airspace** overlying and adjacent to your installation have the **capacity** to assume an additional workload? Estimate the percentage of the possible increase. Provide the basis/calculations for these estimates.

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29. [17a.] Using the types (and mix) of aircraft currently stationed at your installation, project the additional number of these aircraft (maintain approximate current mix/ratio of A/C) that could be based and parked on your current parking aprons. Provide two estimates:

1. Using NAVFAC P-80 standard measures
2. Using real world planning factors to accomodate a surge demand for space (maintaining safe operating procedures).

| Aircraft Type | Current # of Aircraft Parked/Stationed | Maximum Additional Capacity (# of Aircraft) |       | Total  |       |
|---------------|--|---|-------|--------|-------|
|               |  | NAVFAC                                      | Surge | NAVFAC | Surge |
|               |  |   |       |        |       |
|               |  |   |       |        |       |
|               |  |   |       |        |       |
|               |  |   |       |        |       |
|               |  |   |       |        |       |
|               |  |   |       |        |       |
|               |  |   |       |        |       |
|               |  |   |       |        |       |
|               |  |   |       |        |       |
|               |  |   |       |        |       |

Provide the details of your calculations, including your assumptions on the minimum separation between aircraft, parking angle, folding of aircraft wings and any obstructions that may limit the placement of aircraft on the parking apron spaces. Indicate if taxiway aprons are used in the projection.

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30. [18a.] List the hangars at the air station. Identify by (P-80) type, year built, dimensions.

| Hangar ID/# | Type I, II or (O)ther | Year Built | Hangar Deck Dimensions | Limiting Height | Current Usage | In SF    |             |            |       |
|-------------|-----------------------|------------|------------------------|-----------------|---------------|----------|-------------|------------|-------|
|             |                       |            |                        |                 |               | Adequate | Substandard | Inadequate | Total |
|             |                       |            |                        |                 |               |          |             |            |       |
|             |                       |            |                        |                 |               |          |             |            |       |
|             |                       |            |                        |                 |               |          |             |            |       |
|             |                       |            |                        |                 |               |          |             |            |       |

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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your BASEREP.

31. [18b.] For each hangar provide space allocation information listed in table below. Indicate if OPS/ADMIN space is in a non-contiguous building, Provide subtotal for each hangar.

| Hangar #/ID/Type | SQD/Mod# Assignment <sup>1</sup> | Ops + Admin Spaces SF/Module | Maint Shops SF/Module (O Level) | Hangar Deck SF/Module | A/C Line parking spaces <sup>2,3</sup> |    |            |
|------------------|----------------------------------|------------------------------|---------------------------------|-----------------------|--|----|------------|
|                  |                                  |                              |                                 |                       | #/Module                               | SF | Elec. Pwr. |
|                  |                                  |                              |                                 |                       |  |    |            |
|                  |                                  |                              |                                 |                       |  |    |            |
|                  |                                  |                              |                                 |                       |  |    |            |
|                  |                                  |                              |                                 |                       |  |    |            |
| <b>TOTAL</b>     |                                  |                              |                                 |                       |  |    |            |

<sup>1</sup> Provide which SQD/Det was assigned to the specific module at receipt of this Data Call. (i.e., VFA-15, Hgr 1, Mod C)  
<sup>2</sup> Dedicated aircraft parking spaces per Module and total square feet

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(SF) of A/C line parking spaces  
3 Are there A/C line parking spaces supported by permanently  
installed electric power? (Y/N)

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32. [18f.] List all squadrons/detachments normally homeported at this air station that were deployed and not assigned hangar/maintenance spaces at receipt of this data call.

| Squadron/Detachment | #/Type Aircraft | Deployed Location |
|---------------------|-----------------|-------------------|
|                     |                 |                   |
|                     |                 |                   |
|                     |                 |                   |
|                     |                 |                   |
|                     |                 |                   |
|                     |                 |                   |
|                     |                 |                   |
|                     |                 |                   |

33. [18g.] List all squadrons/detachments normally homeported at this air station that were deployed and were assigned hangar/maintenance spaces at receipt of this data call.

| Squadron/Detachment | #/Type Aircraft | Hanger Module Assignment |
|---------------------|-----------------|--------------------------|
|                     |                 |                          |
|                     |                 |                          |
|                     |                 |                          |
|                     |                 |                          |
|                     |                 |                          |
|                     |                 |                          |
|                     |                 |                          |
|                     |                 |                          |

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34. [18h.] Using the types (and mix) of aircraft currently stationed at your installation, project the maximum additional number of these aircraft (maintain approximate current mix/ratio of A/C) that could be housed and maintained in your current hangars. Provide two estimates:

1. Using NAVFAC P-80 standard measures
2. Using real world planning factors to accomodate a surge demand for space (maintaining safe operating procedures).

| Aircraft Type | Current # of Aircraft Parked/Stationed | Maximum Additional Capacity (# of Aircraft) |       | Total (Current + Additional) |       |
|---------------|--|---|-------|------------------------------|-------|
|               |  | NAVFAC                                      | Surge | NAVFAC                       | Surge |
|               |  |   |       |                              |       |
|               |  |   |       |                              |       |
|               |  |   |       |                              |       |
|               |  |   |       |                              |       |
|               |  |   |       |                              |       |
|               |  |   |       |                              |       |
|               |  |   |       |                              |       |
|               |  |   |       |                              |       |

Provide the details of your calculations, including your assumptions on the minimum separation between aircraft, folding of aircraft wings and any obstructions that may limit the placement of aircraft in the hangars.

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35. [19.] Do you have any of the following special use facilities at the Air Station?

| CCN    | Type of Facility                          | In SF    |             |            |       | # of Units | Year Built |
|--------|---|----------|-------------|------------|-------|------------|------------|
|        |   | Adequate | Substandard | Inadequate | Total |            |            |
| 211-01 | Aircraft Acoustical Enclosure             |          |             |            |       |            |            |
| 211-02 | Nose Hangar                               |          |             |            |       |            |            |
| 211-03 | Corrosion Control Hangar                  |          |             |            |       |            |            |
| 211-75 | Parachute/Survival Equipment Shop         |          |             |            |       |            |            |
| 211-81 | Engine Test Cell                          |          |             |            |       |            |            |
| 211-88 | Power Check Pad with Sound Suppression    |          |             |            |       |            |            |
| 211-89 | Power Check Pad without Sound Suppression |          |             |            |       |            |            |
| 211-96 | Maintenance, Aircraft Spares Storage      |          |             |            |       |            |            |
| 116-10 | Airfield Washrack Pavement                |          |             |            |       |            |            |
| 116-15 | Aircraft Rinse Facility                   |          |             |            |       |            |            |
| 214-30 | Refueling Vehicle Shop                    |          |             |            |       |            |            |
| 218-60 | Aircraft Ground Support Equipment         |          |             |            |       |            |            |
|        | Other                                     |          |             |            |       |            |            |

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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your BASEREP.

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36. [21a.] For the following aircraft support facility category codes, provide the amount of adequate substandard, and inadequate facilities.

| CCN    | Facility Type                         | Unit of Measure | Adequate | Substandard | Inadequate | Total | Number of Units |
|--------|---------------------------------------|-----------------|----------|-------------|------------|-------|-----------------|
| 111-20 | Landing Pads                          | SF              |          |             |            |       |                 |
| 121-10 | Direct Fueling                        | OL/GM           |          |             |            |       |                 |
| 124-30 | Fuel Storage                          | GA              |          |             |            |       |                 |
| 421-xx | Ammunition Storage                    | CF/TONS         |          |             |            |       |                 |
| 425-xx | Open Ammunition Storage               | SF              |          |             |            |       |                 |
| 113-20 | Parking Aprons                        | SF              |          |             |            |       |                 |
| 113-40 | Access Aprons                         | SF              |          |             |            |       |                 |
| 116-56 | Combat Aircraft Ordnance Loading Area | SF              |          |             |            |       |                 |
|        | Other                                 |                 |          |             |            |       |                 |

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 describe why the facility is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds. Discuss any material conditions of substandard facilities which have resulted in a C3 or C4 designation on your BASEREP.

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**TAB C**

**DEPOT LEVEL MAINTENANCE CAPACITY**

**Note:** Tab C is not applicable to COMOPTEVFOR

**Maintenance and Industrial Activities**

Activities that actually perform Depot Level Maintenance should complete PART I of this TAB. Warfare Center Headquarters (Owners & Operators) whose subordinate activities actually perform Depot Level Maintenance should complete PART II of this TAB. Depot and/or industrial workload capacity is to be reported as a function of the following categories for the period requested.

**JCSG-DM: Maintenance and Industrial Activities**

| <b>Commodity Groups List</b>  |  |
|---|--|
| 1. Aircraft Airframes:<br>Rotary<br>VSTOL<br>Fixed Wing<br>Transport / Tanker /<br>Bomber /<br>Command and Control<br>Light Combat<br>Admin / Training<br>Other                         | 7. Ground and Shipboard<br>Communications<br>and Electronic Equipment<br>Radar<br>Radio Communications<br>Wire Communications<br>Electronic Warfare<br>Navigational Aids<br>Electro-Optics / Night Vision<br>Satellite Control / Space Sensors |
| 2. Aircraft Components<br>Dynamic Components<br>Aircraft Structures<br>Hydraulic/Pneumatic<br>Instruments<br>Landing Gear<br>Aviation Ordnance<br>Avionics/Electronics<br>APUs<br>Other | 8. Automotive / Construction<br>Equipment  |
| 3. Engines (Gas Turbine)<br>Aircraft<br>Ship<br>Tank<br>Blades / Vanes (Type 2)   | 9. Tactical Vehicles<br>Tactical Automotive Vehicles<br>Components   |
| 4. Missiles and Missile<br>Components<br>Strategic<br>Tactical / MLRS   | 10. Ground General Purpose Items<br>Ground Support Equipment (except<br>aircraft)<br>Small Arms / Personal Weapons<br>Munitions / Ordnance<br>Ground Generators<br>Other   |
| 5. Amphibians<br>Vehicles<br>Components (less GTE)  | 11. Sea Systems<br>Ships<br>Weapons Systems  |
| 6. Ground Combat Vehicles<br>Self-propelled<br>Tanks  | 12. Software<br>Tactical Systems<br>Support Equipment  |
|   | 13. Special Interest Items<br>Bearings Refurbishment<br>Calibration (Type I)<br>TMDE   |
|   | 14. Other  |

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Refer to the following notes when filling out the tables in this TAB.

**Notes:**

1. "Production" equates to the number of items processed per Fiscal Year (FY), unless otherwise specified.
2. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the Activity's configuration as of completion of implementation of the BRAC-88/91/93 actions.
3. Use single shift operations (1-8-5) as the basis for your calculations. Report in specified units of throughput and Direct Labor Man Hours (DLMHs).
4. If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.
5. Capacity Index and Utilization Index will be calculated in accordance with the Defense Depot Maintenance Council approved update to Department of Defense Instruction (DoDInst) 4151.15H, "Depot Maintenance Capacity/Utilization Index Measurement."
6. The Major Owner/Operator questions will be answered by the Major Claimant/Systems Commander.
7. Utilize the tables provided to answer each question. Answer the questions for all of the commodity groups that are applicable to your activity. In the Aircraft Airframes and Engines (Gas Turbine) commodity groups break out the information by aircraft type, model, series or by engine type as applicable when filling out the tables.

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**PART I: MAINTENANCE & INDUSTRIAL ACTIVITIES**

**1. Historic and Predicted Workload**

1.1 Given the current configuration and operation of your activity, provide the depot/industrial level maintenance by commodity group (from the List above) that was executed in and is programmed for the Fiscal Years (FY) requested in units throughput (Tables 1.1.a and 1.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 1.1.c and 1.1.d). Add additional rows as required to report all commodity types serviced at this activity.

**Table 1.1.a: Historic and Predicted Depot/Industrial Workload**

| Commodity Type | Throughput (Units) |            |            |            |            |            |            |            |
|----------------|--------------------|------------|------------|------------|------------|------------|------------|------------|
|                | FY<br>1986         | FY<br>1987 | FY<br>1988 | FY<br>1989 | FY<br>1990 | FY<br>1991 | FY<br>1992 | FY<br>1993 |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
| <b>Total:</b>  |                    |            |            |            |            |            |            |            |

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**Table 1.1.b: Historic and Predicted Depot/Industrial Workload**

| Commodity Type | Throughput (Units) |            |            |            |            |            |            |                |
|----------------|--------------------|------------|------------|------------|------------|------------|------------|----------------|
|                | FY<br>1994         | FY<br>1995 | FY<br>1996 | FY<br>1997 | FY<br>1998 | FY<br>1999 | FY<br>2000 | FY<br>200<br>1 |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
| <b>Total:</b>  |                    |            |            |            |            |            |            |                |

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**Table 1.1.c: Historic and Predicted Depot/Industrial Workload**

| Commodity Type | Throughput (DLMHs) |            |            |            |            |            |            |            |
|----------------|--------------------|------------|------------|------------|------------|------------|------------|------------|
|                | FY<br>1986         | FY<br>1987 | FY<br>1988 | FY<br>1989 | FY<br>1990 | FY<br>1991 | FY<br>1992 | FY<br>1993 |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
|                |                    |            |            |            |            |            |            |            |
| <b>Total:</b>  |                    |            |            |            |            |            |            |            |

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**Table 1.1.d: Historic and Predicted Depot/Industrial Workload**

| Commodity Type | Throughput (DLMHs) |            |            |            |            |            |            |                |
|----------------|--------------------|------------|------------|------------|------------|------------|------------|----------------|
|                | FY<br>1994         | FY<br>1995 | FY<br>1996 | FY<br>1997 | FY<br>1998 | FY<br>1999 | FY<br>2000 | FY<br>200<br>1 |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
| <b>Total:</b>  |                    |            |            |            |            |            |            |                |

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1.2 For each commodity type reported in Tables 1.1.a through 1.1.d, assume (a) the current projected total depot / industrial workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which depot / industrial maintenance operations could be expanded at this activity, based on the current and future planned workload mixes, for the requested period? Please provide your response in both the absolute maximum number of units and DLMHs that could be processed at this activity by applicable commodity group. Add additional rows as necessary to accommodate all commodity types serviced at this activity.

Table 1.2.a: Maximum Potential Depot/Industrial Workload

| Commodity Type | Throughput (Units) |         |         |         |         |         |         |
|----------------|--------------------|---------|---------|---------|---------|---------|---------|
|                | FY 1995            | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 |
|                |                    |         |         |         |         |         |         |
|                |                    |         |         |         |         |         |         |
|                |                    |         |         |         |         |         |         |
|                |                    |         |         |         |         |         |         |
|                |                    |         |         |         |         |         |         |
|                |                    |         |         |         |         |         |         |
|                |                    |         |         |         |         |         |         |
|                |                    |         |         |         |         |         |         |
| Total:         |                    |         |         |         |         |         |         |

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**Table 1.2.b: Maximum Potential Depot/Industrial Workload**

| Commodity Type | Throughput (DLMHs) |            |            |            |            |            |            |                |
|----------------|--------------------|------------|------------|------------|------------|------------|------------|----------------|
|                | FY<br>1994         | FY<br>1995 | FY<br>1996 | FY<br>1997 | FY<br>1998 | FY<br>1999 | FY<br>2000 | FY<br>200<br>1 |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
|                |                    |            |            |            |            |            |            |                |
| <b>Total:</b>  |                    |            |            |            |            |            |            |                |

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1.3 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased workload by commodity group at this activity.

1.4 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform workload in each of the applicable commodity groups? Describe quantitatively how the changes above would increase your activity's depot/industrial level maintenance capabilities. What would the associated costs be? What would be the payback period and return on investment?

1.5 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of depot/industrial level workload and this activity (AICUZ encroachment, pollutant discharge, etc.)?

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**2. Workload Summary**

**2.1** Enter the information from the Predicted and Potential Workload sections of the previous question into the table below and calculate the variance between projected and potential workloads. Again, clearly identify each commodity and include all commodities serviced at this activity.

**Table 2.1.a: PREDICTED WORKLOAD VARIANCE FOR FY 1995**

| FY 1995<br>Commodity<br>Type | Product (units)               |                               |              | DLMHs                         |                               |              |
|------------------------------|-------------------------------|-------------------------------|--------------|-------------------------------|-------------------------------|--------------|
|                              | Predict<br>ed<br>Workloa<br>d | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce | Predic<br>ted<br>Worklo<br>ad | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
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|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
| <b>Total</b>                 | <b>N / A</b>                  | <b>N / A</b>                  | <b>N / A</b> |                               |                               |              |

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 2.1.b: PREDICTED WORKLOAD VARIANCE FOR FY 1996

| FY 1996<br>Commodity<br>Type | Product (units)               |                               |              | DLMHs                         |                               |              |
|------------------------------|-------------------------------|-------------------------------|--------------|-------------------------------|-------------------------------|--------------|
|                              | Predict<br>ed<br>Workloa<br>d | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce | Predic<br>ted<br>Worklo<br>ad | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
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|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
| <b>Total</b>                 | N / A                         | N / A                         | N / A        |                               |                               |              |

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 2.1.c: PREDICTED WORKLOAD VARIANCE FOR FY 1997

| FY 1997<br>Commodity<br>Type | Product (units)               |                               |              | DLMHs                         |                               |              |
|------------------------------|-------------------------------|-------------------------------|--------------|-------------------------------|-------------------------------|--------------|
|                              | Predict<br>ed<br>Workloa<br>d | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce | Predic<br>ted<br>Worklo<br>ad | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
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|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
| <b>Total</b>                 | <b>N / A</b>                  | <b>N / A</b>                  | <b>N / A</b> |                               |                               |              |

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 2.1.d: PREDICTED WORKLOAD VARIANCE FOR FY 1998

| FY 1998<br>Commodity<br>Type | Product (units)               |                               |              | DLMHs                         |                               |              |
|------------------------------|-------------------------------|-------------------------------|--------------|-------------------------------|-------------------------------|--------------|
|                              | Predict<br>ed<br>Workloa<br>d | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce | Predic<br>ted<br>Worklo<br>ad | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
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|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
| <b>Total</b>                 | <b>N / A</b>                  | <b>N / A</b>                  | <b>N / A</b> |                               |                               |              |

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 2.1.e: PREDICTED WORKLOAD VARIANCE FOR FY 1999

| FY 1999<br>Commodity<br>Type | Product (units)               |                               |              | DLMHs                         |                               |              |
|------------------------------|-------------------------------|-------------------------------|--------------|-------------------------------|-------------------------------|--------------|
|                              | Predict<br>ed<br>Workloa<br>d | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce | Predic<br>ted<br>Worklo<br>ad | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
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|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
| <b>Total</b>                 | <b>N / A</b>                  | <b>N / A</b>                  | <b>N / A</b> |                               |                               |              |

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

**Table 2.1.f: PREDICTED WORKLOAD VARIANCE FOR FY 2000**

| FY 2000<br>Commodity<br>Type | Product (units)               |                               |              | DLMHs                         |                               |              |
|------------------------------|-------------------------------|-------------------------------|--------------|-------------------------------|-------------------------------|--------------|
|                              | Predict<br>ed<br>Workloa<br>d | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce | Predic<br>ted<br>Worklo<br>ad | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
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|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
| <b>Total</b>                 | <b>N / A</b>                  | <b>N / A</b>                  | <b>N / A</b> |                               |                               |              |

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

**Table 2.1.g: PREDICTED WORKLOAD VARIANCE FOR FY 2001**

| FY 2001<br>Commodity<br>Type | Product (units)               |                               |              | DLMHs                         |                               |              |
|------------------------------|-------------------------------|-------------------------------|--------------|-------------------------------|-------------------------------|--------------|
|                              | Predict<br>ed<br>Workloa<br>d | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce | Predic<br>ted<br>Worklo<br>ad | Potent<br>ial<br>Worklo<br>ad | Varian<br>ce |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
|                              |                               |                               |              |                               |                               |              |
| <b>Total</b>                 | N / A                         | N / A                         | N / A        |                               |                               |              |

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

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

**1. Interservicing Candidates**

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

**2. Core Requirements**

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

- Core workload calculations are to be performed in accordance with the Office of the Under Secretary of Defense (Logistics) (OUSD(L)) Memorandum dated 15 November 1993 (subject: "Policy for Maintaining Core Depot Maintenance Capability").

- Directed workload includes: Foreign Military Sales (FMS); Low Quantity Non-Core; Low Quantity Above Core; Best Value; Engineering Support; and Last Source of Repair. Directed workload is tabulated in Section 2.2, following.

- Core-Plus workload is the sum of Core workload and Directed workload.

- Title 10 workload is that portion of Core workload that must be retained within the Department of the Navy in order to meet the Secretary of the Navy's Title 10 responsibilities.

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Table 2.1.a: Workload Requirements FY 1993

| FY 1993        | Core Workload (DLMHs) |                   |                      |                   |
|----------------|-----------------------|-------------------|----------------------|-------------------|
| Commodity Type | Core Workload         | Directed Workload | Core "Plus" Workload | Title 10 Workload |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
| Total:         |                       |                   |                      |                   |

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**Table 2.1.b: Workload Requirements FY 1994**

| FY 1994        | Core Workload (DLMHs) |                   |                      |                   |
|----------------|-----------------------|-------------------|----------------------|-------------------|
| Commodity Type | Core Workload         | Directed Workload | Core "Plus" Workload | Title 10 Workload |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
| <b>Total:</b>  |                       |                   |                      |                   |

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**Table 2.1.c: Workload Requirements FY 1995**

| FY 1995        | Core Workload (DLMHs) |                   |                      |                   |
|----------------|-----------------------|-------------------|----------------------|-------------------|
| Commodity Type | Core Workload         | Directed Workload | Core "Plus" Workload | Title 10 Workload |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
| <b>Total:</b>  |                       |                   |                      |                   |

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Table 2.1.d: Workload Requirements FY 1996

| FY 1996<br>Commodity<br>Type | Core Workload (DLMHs) |                      |                         |                      |
|------------------------------|-----------------------|----------------------|-------------------------|----------------------|
|                              | Core Workload         | Directed<br>Workload | Core "Plus"<br>Workload | Title 10<br>Workload |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
| <b>Total:</b>                |                       |                      |                         |                      |

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**Table 2.1.e: Workload Requirements FY 1997**

| FY 1997<br>Commodity<br>Type | Core Workload (DLMHs) |                      |                         |                      |
|------------------------------|-----------------------|----------------------|-------------------------|----------------------|
|                              | Core Workload         | Directed<br>Workload | Core "Plus"<br>Workload | Title 10<br>Workload |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
| <b>Total:</b>                |                       |                      |                         |                      |

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**Table 2.1.f: Workload Requirements FY 1998**

| FY 1998        | Core Workload (DLMHs) |                   |                      |                   |
|----------------|-----------------------|-------------------|----------------------|-------------------|
| Commodity Type | Core Workload         | Directed Workload | Core "Plus" Workload | Title 10 Workload |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
| <b>Total:</b>  |                       |                   |                      |                   |

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**Table 2.1.g: Workload Requirements FY 1999**

| FY 1999        | Core Workload (DLMHs) |                   |                      |                   |
|----------------|-----------------------|-------------------|----------------------|-------------------|
| Commodity Type | Core Workload         | Directed Workload | Core "Plus" Workload | Title 10 Workload |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
|                |                       |                   |                      |                   |
| <b>Total:</b>  |                       |                   |                      |                   |

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**Table 2.1.h: Workload Requirements FY 2000**

| FY 2000<br>Commodity<br>Type | Core Workload (DLMHs) |                      |                         |                      |
|------------------------------|-----------------------|----------------------|-------------------------|----------------------|
|                              | Core Workload         | Directed<br>Workload | Core "Plus"<br>Workload | Title 10<br>Workload |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
| <b>Total:</b>                |                       |                      |                         |                      |

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**Table 2.1.i: Workload Requirements FY 2001**

| FY 2001<br>Commodity<br>Type | Core Workload (DLMHs) |                      |                         |                      |
|------------------------------|-----------------------|----------------------|-------------------------|----------------------|
|                              | Core Workload         | Directed<br>Workload | Core "Plus"<br>Workload | Title 10<br>Workload |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
|                              |                       |                      |                         |                      |
| <b>Total:</b>                |                       |                      |                         |                      |

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

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

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**Table 2.2.a: Directed Workloads - FY 1993**

| FY 1993<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
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|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 1993 Total:</b> |                  |      |      |    |      |      |       |

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

| FY 1994<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
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|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 1994 Total:</b> |                  |      |      |    |      |      |       |

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**Table 2.2.c: Directed Workloads - FY 1995**

| FY 1995<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 1995 Total:</b> |                  |      |      |    |      |      |       |

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**Table 2.2.d: Directed Workloads - FY 1996**

| FY 1996<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
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|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 1996 Total:</b> |                  |      |      |    |      |      |       |

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**Table 2.2.e: Directed Workloads - FY 1997**

| FY 1997<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
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|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 1997 Total:</b> |                  |      |      |    |      |      |       |

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

| FY 1993<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
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|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 1998 Total:</b> |                  |      |      |    |      |      |       |

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**Table 2.2.g: Directed Workloads - FY 1999**

| FY 1999<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 1999 Total:</b> |                  |      |      |    |      |      |       |

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**Table 2.2.h: Directed Workloads - FY 2000**

| FY 2000<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 2000 Total:</b> |                  |      |      |    |      |      |       |

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

| FY 2001<br>Commodity  | Units Throughput |      |      |    |      |      | Total |
|-----------------------|------------------|------|------|----|------|------|-------|
|                       | FMS              | Mods | LQNC | BV | Engr | LSOR |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
|                       |                  |      |      |    |      |      |       |
| <b>FY 2001 Total:</b> |                  |      |      |    |      |      |       |

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**3. Organization**

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

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**TAB D**

**ORDNANCE STORAGE CAPACITY**

**Note:** Tab D is not applicable to COMOPTEVFOR

**ORDNANCE STORAGE CAPACITY**

Please answer the following questions if your activity performs any stowage or maintenance on any of the following ordnance commodities types:

| ORDNANCE COMMODITY TYPES        |             |                         |
|---------------------------------|-------------|-------------------------|
| Mines                           | Expendables | LOE: Rockets            |
| Torpedoes                       | INERT       | LOE: Bombs              |
| Air Launched                    | CADS/PADS   | LOE: Gun Ammo(20mm-16") |
| Threat                          | Strategic   | LOE: Small Arms cal.)   |
| Surface                         | Nuclear     | LOE: Pyro/Demo          |
| Launched                        | Tactical    | Grenades/Mortars/Pr     |
| 1. Ordnance Storage and Support |             | ojectiles               |

1.1 Provide present and predicted inventories (coordinate with inventory control manager) and maximum rated capability of all stowage facilities at each weapons storage location controlled by this activity. In predicting the out year facility utilization, distribute overall ordnance compliment to the most likely configuration. The maximum rated capability is also an out year projection taking into account any known or programmed upgrades that may increase current stowage capacity. When listing stowage facilities, group by location (e.g. main base, outlying field, special area).

**Table 1.1: Total Facility Ordnance Stowage Summary**

| Facility Number | PRESENT INVENTORY |       | PREDICTED INVENTORY<br>FY 2001 |       | MAXIMUM RATED<br>CAPABILITY |       |
|-----------------|-------------------|-------|--------------------------------|-------|-----------------------------|-------|
|                 | TONS              | SQ FT | TONS                           | SQ FT | TONS                        | SQ FT |
|                 |                   |       |                                |       |                             |       |
|                 |                   |       |                                |       |                             |       |
|                 |                   |       |                                |       |                             |       |
|                 |                   |       |                                |       |                             |       |
| <b>TOTAL</b>    |                   |       |                                |       |                             |       |

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1.4 Identify any restrictions which prevent maximum utilization of your facilities. If restrictions are based on facility conditions, specify reason, the cost to correct the deficiency, and identify any programmed projects that will correct the deficiency and/or increase your capability.

1.5 Identify if your activity performs any of the following functions on any of the ordnance commodities previously listed. Technical support includes planning, financial, administrative, process engineering and SOP support. Within each related function identify each ordnance commodity type for which you provide these services and the total Direct Labor Man Hours (DLMHs) expended (FY 1994); identify only those DLMHs expended by personnel under your command.

Table 1.5: Related Ordnance Support

| Related Functions              | Performed?<br>(Y / N) | Type of Commodity | DLMHs |
|--------------------------------|-----------------------|-------------------|-------|
| Maintenance<br>(specify level) |                       |                   |       |
| Testing                        |                       |                   |       |
| Manufacturing                  |                       |                   |       |
| Outload                        |                       |                   |       |
| Technical Support              |                       |                   |       |

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UIC: \_\_\_\_\_

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

NEXT ECHELON LEVEL (if applicable)

N/A  
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)

N/A  
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

CAPT S. STERLING, III

NAME (Please type or print)

Acting Director

Title

Date

Field Support Activity

Activity

Signature

10 May 1994

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)

**ACTING**

Title

Signature

17 MAY 1994

Date

Certification for Data Call Four.

BRAC-95 CERTIFICATION

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

Patricia A. Petty

NAME (Please type or print)

  
Signature

Comptroller

Title

9 May 94  
Date

Comptroller, Code 014

Division

N/A

Department

COMOPTVFOR

Activity

Certification for Data Call Four.

BRAC-95 CERTIFICATION

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

D. F. Beach

NAME (Please type or print)

Deputy Chief of Staff

for Administration

Title

  
\_\_\_\_\_  
Signature

9 May 1994  
\_\_\_\_\_  
Date

Administration, Code 10

Division

N/A  
\_\_\_\_\_

Department

COMOPTVFOR

Activity

Certification for Data Call Four.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

RADM J. J. ZERR  
NAME (Please type or print)

*J. J. Zerr*  
Signature

Commander  
Title

9 MAY 1994  
Date

COMOPTEVFOR  
Activity

Certification for Data Call Four.

**BRAC 95**

**DATA CALL 33**

**COMOPTEVFOR**

**ENVIRONMENTAL DATA CALL:  
DATA CALL TO BE SUBMITTED TO  
ALL NAVY/MARINE CORPS HOST ACTIVITIES**

**20 APRIL 1994**

BRAC 1995 ENVIRONMENTAL DATA CALL:  
All Navy/Marine Corps Host Activities

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## ENVIRONMENTAL DATA CALL

Responses to the following questions provide data that will allow an assessment of the potential environmental impact associated with the closure or realignment of a Navy shore activity. This criterion consists of:

- Endangered/Threatened Species and Biological Habitat
- Wetlands
- Cultural Resources
- Environmental Facilities
- Air Pollution
- Environmental Compliance
- Installation Restoration
- Land/Air/Water Use

As part of the answers to these questions, a *source citation* (e.g., 1993 base loading, 1993 base-wide Endangered Species Survey, 1993 letter from USFWS, 1993 Base Master Plan, 1993 Permit Application, 1993 PA/SI, etc.) must be included. It is probable that, at some point in the future, you will be asked to provide additional information detailing specifics of individual characteristics. In anticipation of this request, supporting documentation (e.g., maps, reports, letters, etc.) regarding answers to these questions should be retained. Information needed to answer these questions is available from the cognizant EFD Planning and Real Estate Divisions, and Environment, Safety, and Health Divisions; and from the activity Public Works Department, and activity Health Monitoring and Safety Offices.

For purposes of the questions associated with land use at your base is *defined as land* (acreage owned, withdrawn, leased, and controlled through easements); *air* (space controlled through agreements with the FAA, e.g., MOAs); and *water* (navigation channels and waters along a base shoreline) *under the control of the Navy*.

Provide a list of the tenant activities with UIC's that are covered in this response.

N/A

**1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT**

**1a.** For federal or state listed endangered, threatened, or category 1 plant and/or animal species on your base, complete the following table. Critical/sensitive habitats for these species are designated by the U. S. Fish and Wildlife Service (USFWS). A species is present on your base if some part of its life-cycle occurs on Navy controlled property (e.g., nesting, feeding, loafing). Important Habitat refers to that number of acres of habitat that is important to some life cycle stage of the threatened/endangered species that is not formally designated.

| S P E C I E S<br>(plant or animal)                        | Designation<br>(Threatened/<br>Endangered) | Federal/<br>State | Critical /<br>Designated<br>Habitat<br>(Acres) | Importa<br>nt<br>Habitat<br>(acres) |
|---|--|-------------------|--|-------------------------------------|
| <i>example: Haliaeetus<br/>leucocephalus - bald eagle</i> | <i>threatened</i>                          | <i>Federal</i>    | <i>25</i>                                      | <i>0</i>                            |
| <b>American Peregrine Falcon</b>                          | <b>Endang'd</b>                            | <b>Fed.</b>       | <b>0</b>                                       | <b>0</b>                            |
|   |  |                   |  |                                     |
|   |  |                   |  |                                     |
|   |  |                   |  |                                     |
|   |  |                   |  |                                     |
|   |  |                   |  |                                     |

Source Citation: USFWS Survey, COMNAVBASE, March 1993

**1b.**

|  |           |
|--|-----------|
| Have your base operations or development plans been constrained due to:<br>- USFWS or National Marine Fisheries Service (NMFS)?<br>- State required modifications or constraints?<br>If so, identify below the impact of the constraints including any restrictions on land use. | <b>NO</b> |
| Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.  | <b>NO</b> |

1c. If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map. **N/A**

1d.

|  |           |
|--|-----------|
| Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why. | <b>NO</b> |
|--|-----------|

1e.

|   |           |
|---|-----------|
| Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain. | <b>NO</b> |
|---|-----------|

## 2. WETLANDS

**Note:** Jurisdictional wetlands are those areas that meet the wetland definitional criteria detailed in the Corps of Engineers (COE) Wetland Delineation Manual, 1987, Technical Report Y-87-1, U.S. Army Engineer Waterway Experiment Station, Vicksburg, MS or officially adapted state definitions.

### 2a.

|  |             |
|--|-------------|
| Does your base possess federal jurisdictional wetlands?                                      | <b>NO</b>   |
| Has a wetlands survey in accordance with established standards been conducted for your base? | <b>YES</b>  |
| When was the survey conducted or when will it be conducted? 03 / 11 / 91                     |             |
| What percent of the base has been surveyed?  | <b>100%</b> |
| What is the total acreage of jurisdictional wetlands present on your base?                   | <b>0</b>    |

Source Citation: USFWS, COMNAVBASE NORVA

**2b.** If the area of the wetlands has not been identified on base maps provided in Data Call 1, submit this on an updated version of Data Call 1 map.

**N/A**

**2c.** Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? NO If YES, summarize the results of such modifications or constraints.

## 3. CULTURAL RESOURCES

### 3a.

|  |            |
|--|------------|
| Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below. | <b>YES</b> |
|--|------------|

**Note:** Encl (3), Facility Study, of LANTDIV ltr 11010 Ser 202DC/168 of 22 Feb 93, states that demolition of COMOPTEVFOR buildings will not affect buildings eligible for listing in the National Register of Historic Places.

3b.

|   |           |
|---|-----------|
| <p>Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.</p> | <p>NO</p> |
|---|-----------|

3c.

|  |           |
|--|-----------|
| <p>Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.</p> | <p>NO</p> |
|--|-----------|

**4. ENVIRONMENTAL FACILITIES**

**Notes:** If your facility is permitted for less than maximum capacity, state the maximum capacity and explain below the associated table why it is not permitted for maximum capacity. Under "Permit Status" state when the permit expires, and whether the facility is operating under a waiver. For permit violations, limit the list to the last 5 years.

4a.

N/A

| Does your base have an operating landfill? . . . . |                          |           |                        | NO                    |               |
|--|--------------------------|-----------|------------------------|-----------------------|---------------|
| ID/Location of Landfill                            | Permitted Capacity (CYD) |           | Maximum Capacity (CYD) | Contents <sup>1</sup> | Permit Status |
|  | TOTAL                    | Remaining |                        |                       |               |
|  |                          |           |                        |                       |               |
|  |                          |           |                        |                       |               |
|  |                          |           |                        |                       |               |

<sup>1</sup> Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility.

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

N/A

4c.

| Does your base have any disposal, recycling, or incineration facilities for solid waste? |                    |                      |                  |               | NO       |
|--|--------------------|----------------------|------------------|---------------|----------|
| Facility/Type of Operation   | Permitted Capacity | Ave Daily Throughput | Maximum Capacity | Permit Status | Comments |
|  |                    |                      |                  |               |          |
|  |                    |                      |                  |               |          |
|  |                    |                      |                  |               |          |

List any permit violations and projects to correct deficiencies or improve the facility.

4d.

| Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ? |                    |                          |                  |               | NO                            |
|---|--------------------|--------------------------|------------------|---------------|-------------------------------|
| ID/Location of WWTP   | Permitted Capacity | Ave Daily Discharge Rate | Maximum Capacity | Permit Status | Level of Treatment/Year Built |
|   |                    |                          |                  |               |                               |
|   |                    |                          |                  |               |                               |
|   |                    |                          |                  |               |                               |

List permit violations and discuss any projects to correct deficiencies.

4e. If you do not have a domestic WWTP, describe the average discharge rate of your base to the local sanitary sewer authority, discharge limits set by the sanitary sewer authority (flow and pollutants) and whether the base is in compliance with their permit. Discuss recurring discharge violations.

Discharge Rate: 2,533 Gallons per Day

Discharge Limits: N/A

Permit: N/A

Note: COMOPTEVFOR discharges waste to COMNAVBASE NORVA waste system.

4f.

| Does your base operate an Industrial Waste Treatment Plant (IWTP)? |                   |                    |                          |                  | NO            |
|--|-------------------|--------------------|--------------------------|------------------|---------------|
| ID/Location of IWTP  | Type of Treatment | Permitted Capacity | Ave Daily Discharge Rate | Maximum Capacity | Permit Status |
|  |                   |                    |                          |                  |               |
|  |                   |                    |                          |                  |               |
|  |                   |                    |                          |                  |               |

List any permit violations and projects to correct deficiencies or improve the facility.

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system.

N/A

4h.

| Does your base operate drinking Water Treatment Plants (WTP)? |                    |            |                     | NO               |               |
|---|--------------------|------------|---------------------|------------------|---------------|
| ID/Location of WTP  | Operating (GPD)    |            | Method of Treatment | Maximum Capacity | Permit Status |
|   | Permitted Capacity | Daily Rate |                     |                  |               |
|   |                    |            |                     |                  |               |
|   |                    |            |                     |                  |               |
|   |                    |            |                     |                  |               |

List permit violations and projects/actions to correct deficiencies or improve the facility.

4i. If you do not operate a WTP, what is the source of the base potable water supply. State terms and limits on capacity in the agreement/contract, if applicable.

Source: Through Naval Base Norfolk from City of Norfolk Agreement/Contract: N/A

4j.

|  |    |
|--|----|
| Does the presence of contaminants or lack of supply of water constrain base operations. Explain. | NO |
|--|----|

4k.

|   |    |
|---|----|
| Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions. | NO |
| If NO, why not and provide explanation of plan to achieve permitted status.   | *  |

\* Permit holder for property covered by host command, COMNAVBASE NORVA

4l.

YES/NO

|  |    |
|--|----|
| Does your base have bilge water discharge problem? | NO |
| Do you have a bilge water treatment facility?      | NO |

Explain:

4m.

|   |    |
|---|----|
| Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain. | NO |
|---|----|

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

N/A

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain.

N/A

**5. AIR POLLUTION**

**5a.**

What is the name of the Air Quality Control Areas (AQCA) in which the base is located?

**Region VI, Norfolk, VA**

Is the installation or any of its OLFs or non-contiguous base properties located in different AQCA? No .

List site, location and name of AQCA.

**5b.** For each parcel in a separate AQCA fill in the following table. Identify with and "X" whether the status of each regulated pollutant is: attainment/nonattainment/maintenance. For those areas which are in non-attainment, state whether they are: Marginal, Moderate, Serious, Severe, or Extreme. State target attainment year.

**N/A**

Site: \_\_\_\_\_

AQCA: \_\_\_\_\_

| Pollutant       | Attainment | Non-Attainment | Maintenance | Target Attainment Year <sup>1</sup> | Comments <sup>2</sup> |
|-----------------|------------|----------------|-------------|-------------------------------------|-----------------------|
| CO              |            |                |             |                                     |                       |
| Ozone           |            |                |             |                                     |                       |
| PM-10           |            |                |             |                                     |                       |
| SO <sub>2</sub> |            |                |             |                                     |                       |
| NO <sub>2</sub> |            |                |             |                                     |                       |
| Pb              |            |                |             |                                     |                       |

<sup>1</sup> Based on national standard for Non-Attainment areas or SIP for Maintenance areas.

<sup>2</sup> Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

5c. For your base, identify the baseline level of emissions, established in accordance with the Clean Air Act. Baseline information is assumed to be 1990 data or other year as specified. Determine the total level of emissions (tons/yr) for CO, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

| Emission Sources (Tons/Year) |                      |                      |                    |              |       |
|------------------------------|----------------------|----------------------|--------------------|--------------|-------|
| Pollutant                    | Permitted Stationary | Personal Automobiles | Aircraft Emissions | Other Mobile | Total |
| CO                           |                      | 15.9                 |                    |              | 15.9  |
| NOx                          |                      | 1.9                  |                    |              | 1.9   |
| VOC                          |                      | 1.4                  |                    |              | 1.4   |
| PM10                         |                      | 0                    |                    |              | 0     |

Source Document: EPA Supplement A to Compilation of Air Pollution Emission Factor, Vol 2, Mobile Sources, Jan 1991.

5d. For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

| Emissions Sources (Tons/Year) |                      |                      |                    |              |       |
|-------------------------------|----------------------|----------------------|--------------------|--------------|-------|
| Pollutant                     | Permitted Stationary | Personal Automobiles | Aircraft Emissions | Other Mobile | Total |
| CO                            |                      | 15.9                 |                    |              | 15.9  |
| NOx                           |                      | 1.9                  |                    |              | 1.9   |
| VOC                           |                      | 1.4                  |                    |              | 1.4   |
| PM10                          |                      | 0                    |                    |              | 0     |

Source Document: Same as above.

CALCULATIONS FOR AUTOMOBILE EMISSIONS, Sections 5c. and 5d.

ASSUMPTIONS:

1. Number of vehicles daily: average of 220 based on actual parking lot count.
2. Round trip mileage per day:
  - a. 80% of vehicles from Virginia Beach. Average round trip to VA Beach: 40 miles.
  - b. 15% of vehicles from Norfolk. Average round trip to Norfolk: 10 miles.
  - c. 5% of vehicles from Hampton, Chesapeake, etc. Average round trip to Hampton, etc. is 50 miles.
3. Number of days driven per year: 250 days
4. Average model year of auto: 1990.
5. Average odometer reading is 50,000 miles.

5c. 1990 Automobile Emissions:

| Location              | No. Veh. | Miles/yr(1) | VOC (2)<br>grams/yr | CO (3)<br>grams/yr | NOX (4)<br>grams/yr |
|-----------------------|----------|-------------|---------------------|--------------------|---------------------|
| VA Beach              | 176      | 1,760,000   | 1,149,280           | 12,865,600         | 1,575,200           |
| Norfolk               | 33       | 82,500      | 53,873              | 603,075            | 73,838              |
| Hampton/<br>Ches, etc | 11       | 137,500     | 89,788              | 1,005,125          | 123,063             |
| Totals                | 220      | 1,980,000   | 1,292,941           | 14,473,800         | 1,772,101           |

Notes:

1. Round trip miles/veh-day X 250 days/yr X No. vehicles
2. EPA source: 0.653 grams/mile X miles/yr
3. EPA source: 7.31 grams/mile X miles/yr
4. EPA source: 0.895 grams/mile X miles/yr

1990 TONS/YR OF EMISSIONS

VOC: 1,292,941 grams/yr X lb/454.55 grams X ton/2000 lb = 1.4 tons/yr

CO: 14,473,800 grams/yr X lb/454.55 grams X ton/2000 lb = 15.9 tons/yr

NOX: 1,772,101 grams/yr X lb/454.55 grams X ton/2000lb = 1.9 tons/yr

5d. 1993 Automobile Emissions

| Total miles/yr | VOC (1)<br>grams/yr | CO (2)<br>grams/yr | NOX (3)<br>grams/yr |
|----------------|---------------------|--------------------|---------------------|
| 1,980,000      | 1,285,020           | 14,467,860         | 1,752,300           |

Note:

1. EPA source extrapolated: 0.649 grams/mile X total miles/yr
2. EPA source extrapolated: 7.307 grams/mile X total miles/yr
3. EPA source extrapolated: 0.885 grams/mile X total miles/yr

TONS/YR EMISSIONS

VOC: 1,285,020 grams/yr X lb/454.55 grams X ton/2000 lb = 1.4 tons/yr

CO: 14,467,860 grams/yr X lb/454.55 grams X ton/2000 lb = 15.9 tons/yr

NOX: 1,752,300 grams/yr X lb/454.55 grams X ton/2000 lb = 1.9 tons/yr

**5e.** Provide estimated increases/decreases in air emissions (Tons/Year of CO, NOx, VOC, PM10) expected within the next six years (1995-2001). Either from previous BRAC realignments and/or previously planned downsizing shown in the Presidents FY1997 budget. Explain.

**N/A**

**5f.** Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

**NO**

**5g.** Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct.

**NO**

**5h.** Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs?

**N/A**

**6. ENVIRONMENTAL COMPLIANCE**

**6a.** Identify compliance costs, currently known or estimated that are required for permits or other actions required to bring existing practices into compliance with appropriate regulations. Do not include Installation Restoration costs that are covered in Section 7 or recurring costs included in question 6c. For the last two columns provide the combined total for those two FY's.

| Program                                     | Survey Completed ? | Costs in \$K to correct deficiencies |      |      |      |         |         |
|---|--------------------|--------------------------------------|------|------|------|---------|---------|
|   |                    | FY94                                 | FY95 | FY96 | FY97 | FY98-99 | FY00-01 |
| Air   | N/A                |                                      |      |      |      |         |         |
| Hazardous Waste                             | N/A                |                                      |      |      |      |         |         |
| Safe Drinking Water Act                     | N/A                |                                      |      |      |      |         |         |
| PCBs  | N/A                |                                      |      |      |      |         |         |
| Other (non-PCB) Toxic Substance Control Act | N/A                |                                      |      |      |      |         |         |
| Lead Based Paint                            | YES*               |                                      |      |      |      |         |         |
| Radon                                       | N/A                |                                      |      |      |      |         |         |
| Clean Water Act                             | N/A                |                                      |      |      |      |         |         |
| Solid Waste                                 | N/A                |                                      |      |      |      |         |         |
| Oil Pollution Act                           | N/A                |                                      |      |      |      |         |         |
| USTs  | N/A                |                                      |      |      |      |         |         |
| Other                                       | NO                 |                                      |      |      |      |         |         |
| <b>Total</b>                                | <b>1</b>           |                                      |      |      |      |         |         |

\* Existing buildings scheduled for demolition in 1996. Concentration of lead paint is low as part of the total mass of buildings to be demolished. Cost is not treated separately.

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.

Existing buildings will be demolished by MILCON Project P-061 in 1996.

**6b.**

Does your base have structures containing asbestos? Yes What % of your base has been surveyed for asbestos? 100% Are additional surveys planned? No What is the estimated cost to remediate asbestos (\$K) 17K. Are asbestos survey costs based on encapsulation, removal or a combination of both?

Combination of both

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source. N/A

| Funding Source  | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98<br>-99 | FY00<br>-01 |
|-----------------|------|------|------|------|------|------|-------------|-------------|
| O&MN            |      |      |      |      |      |      |             |             |
| HA              |      |      |      |      |      |      |             |             |
| PA              |      |      |      |      |      |      |             |             |
| Other (specify) |      |      |      |      |      |      |             |             |
| <b>TOTAL</b>    |      |      |      |      |      |      |             |             |

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.

NO

**7. INSTALLATION RESTORATION**

N/A, COMNAVBASE NORVA has an Installation Restoration Program for the entire Naval Base; COMOPTEVFOR is located on the land owned by the Naval Base.

7a.

N/A

|  |        |
|--|--------|
| Does your base have any sites that are contaminated with hazardous substances or petroleum products? | YES/NO |
| Is your base an NPL site or proposed NPL site?   |        |

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

N/A

| Site # or name | Type site <sup>1</sup> | Groundwater Contaminated? | Extends off base? | Drinking Water Source? | Cost to Complete (\$M)/Est. Compl. Date | Status <sup>2</sup> /Comments |
|----------------|------------------------|---------------------------|-------------------|------------------------|---|-------------------------------|
|                |                        |                           |                   |                        |   |                               |
|                |                        |                           |                   |                        |   |                               |
|                |                        |                           |                   |                        |   |                               |
|                |                        |                           |                   |                        |   |                               |
|                |                        |                           |                   |                        |   |                               |
|                |                        |                           |                   |                        |   |                               |

<sup>1</sup> Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

<sup>2</sup> Status = PA, SI, RI, RD, RA, long term monitoring, etc.

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.

N/A

7d.

|   |    |
|---|----|
| Is there a groundwater treatment system in place? | NO |
| Is there a groundwater treatment system planned?  | NO |

State scope and expected length of pump and treat operation.

7e.

|  |     |
|--|-----|
| Has a RCRA Facilities Assessment been performed for your base? | N/A |
|--|-----|

**NOTE: A RCRA Facilities Assessment has been performed for all of COMNAVBASE NORVA.**

7f. Does your base operate any conforming storage facilities for handling **hazardous materials**? If YES, describe facility, capacity, restrictions, and permit conditions.

N/A

7g. Does your base operate any conforming storage facilities for handling **hazardous waste**? If YES, describe facility, capacity, restrictions, and permit conditions.

N/A

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

N/A

7i.

|  |     |
|--|-----|
| Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below. | N/A |
|--|-----|

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations?

NO

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions.

N/A

8. LAND / AIR / WATER USE

8a. List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

| Parcel Descriptor | Acres | Location                              |
|-------------------|-------|---------------------------------------|
| Main Compound     | 10.5  | 7970 Diven Str.,<br>Norfolk, VA 23505 |
|                   |       |                                       |
|                   |       |                                       |
|                   |       |                                       |
|                   |       |                                       |
|                   |       |                                       |
|                   |       |                                       |

8b. Provide the acreage of the land use categories listed in the table below:

| LAND USE CATEGORY  |                          | ACRES |
|--|--------------------------|-------|
| Total Developed: (administration, operational, housing, recreational, training, etc.)  |                          | 2.5   |
| Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)            | Wetlands:                | 0     |
|  | All Others:              | 0     |
| Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL |                          | 0     |
| Total Undeveloped land considered to be without development constraints  |                          | 8     |
| Total Off-base lands held for easements/lease for specific purposes  |                          | 0     |
| Breakout of undeveloped, restricted areas. Some restricted areas may overlap:  | ESQD                     | 0     |
|  | HERF                     | 0     |
|  | HERP                     | 0     |
|  | HERO                     | 0     |
|  | AICUZ                    | 0     |
|  | Airfield Safety Criteria | 0     |
|  | Other                    | 0     |

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes.           N/A          

8d. What is the date of your last AICUZ update? **N/A\***  
      /      /       Are any waivers of airfield safety criteria in effect on your base? Y/N Summarize the conditions of the waivers below.

\* The latest AICUZ was done for the Naval Air Station, Norfolk in 1984.

8e. List the off-base land use types (e.g, residential, industrial, agricultural) and acreage within Noise Zones 2 & 3 generated by your flight operations and whether it is compatible/incompatible with AICUZ guidelines on land use.

N/A

| Acreage/Location/ID | Zones 2 or 3 | Land Use | Compatible/Incompatible |
|---------------------|--------------|----------|-------------------------|
|                     |              |          |                         |
|                     |              |          |                         |
|                     |              |          |                         |
|                     |              |          |                         |
|                     |              |          |                         |

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement.

N/A

| Navigational Channels/<br>Berthing Areas | Location / Description | Maintenance Dredging Requirement |              |                            |            |
|--|------------------------|----------------------------------|--------------|----------------------------|------------|
|  |                        | Frequency                        | Volume (MCY) | Current Project Depth (FT) | Cost (\$M) |
|  |                        |                                  |              |                            |            |
|  |                        |                                  |              |                            |            |
|  |                        |                                  |              |                            |            |
|  |                        |                                  |              |                            |            |
|  |                        |                                  |              |                            |            |

8g. Summarize planned projects through FY 1997 requiring **new channel or berthing area** dredged depths, include location, volume and depth.

N/A

8h.

N/A

|   |  |
|---|--|
| Are there available <b>designated dredge disposal areas</b> for maintenance dredging material? List location, remaining capacity, and future limitations. |  |
| Are there available <b>designated dredge disposal areas</b> for new dredge material? List location, remaining capacity, and future limitations.           |  |
| Are the dredged materials considered contaminated? List known contaminants.   |  |

8.i. List any requirements or constraints resulting from consistency with **State Coastal Zone Management Plans**.

N/A

8j. Describe any **non-point source pollution problems affecting water quality** ,e.g.: coastal erosion.

N/A

8k.

|   |           |
|---|-----------|
| If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions. | <b>NO</b> |
|---|-----------|

8l. List any other areas on your base which are indicated as protected or preserved habitat other than threatened/endangered species that have been listed in Section 1. List the species, whether or not treated, and the acres protected/preserved.

N/A

**9. WRAPUP**

**9a. Are there existing or potential environmental showstoppers that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions?**

**NONE**

**9b. Are there any other environmental permits required for base operations, include any relating to industrial operations.**

**NONE**

**9c. Describe any other environmental or encroachment restrictions on base property not covered in the previous 8 sections.**

**NONE**

**9d. List any future/proposed laws/regulations or any proposed laws/regulations which will constrain base operations or development plans in any way. Explain.**

**NONE**

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

RADM J. J. ZERR

NAME (Please type or print)

Commander

Title

COMOPTEVFOR

Activity

J. J. Zerr  
Signature

26 May 94  
Date

BRAC-95 CERTIFICATION

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

D. F. Beach

NAME (Please type or print)

Deputy Chief of Staff

for Administration

Title

  
\_\_\_\_\_  
Signature

26 May 94  
\_\_\_\_\_  
Date

Administration, Code 10

Division

N/A  
\_\_\_\_\_

Department

COMOPTEVFOR

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.

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

CAPT. S. STERLING, III

\_\_\_\_\_  
NAME (Please type or print)

  
Signature

Acting Director

\_\_\_\_\_  
Title

1 June 1994  
Date

Field Support Activity

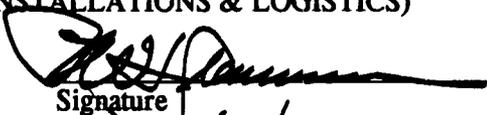
\_\_\_\_\_  
Activity

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)

P. W. Deenwon

\_\_\_\_\_  
NAME (Please type or print)

  
Signature

ACTING

\_\_\_\_\_  
Title

6/24/94  
Date

# Document Separator

179

**DATA CALL 63  
FAMILY HOUSING DATA**

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

|  |             |
|--|-------------|
| <b>Installation Name:</b>              | COMOPTEVFOR |
| <b>Unit Identification Code (UIC):</b> | N57023      |
| <b>Major Claimant:</b>                 | CNO         |

|  |         |
|--|---------|
| <b>Percentage of Military Families Living On-Base:</b> | 9.63%   |
| <b>Number of Vacant Officer Housing Units:</b>         | 0       |
| <b>Number of Vacant Enlisted Housing Units:</b>        | 0       |
| <b>FY 1996 Family Housing Budget (\$000):</b>          | \$122.8 |
| <b>Total Number of Officer Housing Units:</b>          | 8       |
| <b>Total Number of Enlisted Housing Units:</b>         | 5       |

**Note:** All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

The number of officer and enlisted units reflected above are this activity's share of the family housing assets in the total survey complex, based on data extracted from the FY96 Family Housing Survey (DD Form 1377) and the Current Personnel Summary. These units are not necessarily located at this particular activity. If this activity were to close, the housing assets could still be utilized by other activities located in the survey complex.

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN  
NAME (Please type or print)

COMMANDER  
Title

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

Jack Buffington  
Signature  
7/20/94  
Date

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)

\_\_\_\_\_  
Title

W A Earner  
Signature  
7/25/94  
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 these 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

THOMAS A. DAMES  
\_\_\_\_\_  
NAME (Please type of print)  
Rear Admiral, CEC, USN  
\_\_\_\_\_  
Title  
LANTNAVFACENGCOM  
\_\_\_\_\_  
Activity

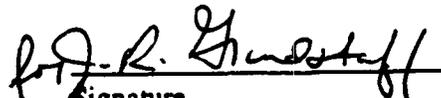
  
\_\_\_\_\_  
Signature J.B. VENABLE  
Acting  
JUL 06 1994  
\_\_\_\_\_  
Date

ENCLOSURE(2)

**BRAC-95 CERTIFICATION**

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

 Paulette C. Brown  
Name (Please type or print)

  
Signature

Head, Operations & Projects Branch  
Title

7-6-94  
Date

Housing Division  
Division

Facilities Management  
Department

LANTNAVFACENGCOM  
Activity

**BRAC-95 CERTIFICATION**

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

J. Richard Grindstaff  
Name (Please type or print)

J. Richard Grindstaff  
Signature

Head. Requirements & Acquisition Branch  
Title

7-6-99  
Date

Housing Division  
Division

Facilities Management  
Department

LANTNAVEACENCOM  
Activity

**BRAC-95 CERTIFICATION**

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

Mark D. Raker  
Name (Please type or print)

Mark D. Raker  
Signature

Housing Management Specialist  
Title

7/6/94  
Date

Housing Division  
Division

Facilities Management  
Department

LANTNAVFACENGCOM  
Activity

**BRAC-95 CERTIFICATION**

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

*for* Moses L. Meadows  
Name (Please type or print)

*for* J. Richard Grundstiff  
Signature

Director  
Title

7-6-99  
Date

Housing Division  
Division

Facilities Management  
Department

LANTNAVFACENGCOM  
Activity

**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                     | Commander, Operational Test and Evaluation Force |
| Acronym(s) used in correspondence | COMOPTEVFOR, Norfolk, VA                         |
| Commonly accepted short title(s)  | COMOPTEVFOR                                      |

- Complete Mailing Address  
COMOPTEVFOR  
7970 Diven Street  
Norfolk, VA 23505-1498

- PLAD: COMOPTEVFOR Norfolk, VA

- PRIMARY UIC: N57023 (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): N31977 PURPOSE: ENL OTD's

2. PLANT ACCOUNT HOLDER:

- Yes   X   No            (check one)

Encl (1)

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     X     No            (check one)

(Per Phoncon CAPT Beach/COMOPTEVFOR and CDR Beckman/N441 of 9 Feb 94, COMOPTEVFOR determined as host command although the command supports no tenant activities.)

\* Primary Host: COMNAVBASE UIC: N61463

• **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            No     X     (check one)

• Primary Host (current) UIC:           

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

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

• **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. N/A

| Name | Location | UIC |
|------|----------|-----|
|      |          |     |

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

| Name           | UIC    | Location       | Host name    | Host UIC |
|----------------|--------|----------------|--------------|----------|
| AIRTEVRON ONE  | N55600 | Patuxent River | NAWCAD       | N00421   |
| AIRTEVRON FOUR | N09830 | PT. Mugu       | NAVAIRWPNSTA | N63126   |
| AIRTEVRON FIVE | N09515 | China Lake     | NAVAIRWARSTA | N60530   |

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.

N/A

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

- Act as Department of Navy's sole independent operational test and evaluation agency
- Test to CNO established requirements in a realistic operational environment
- Determine effectiveness and suitability of new or improved weapon systems
- Make recommendation regarding fleet introduction of various systems
- Make recommendations for system improvement
- Develop tactics for new or improved systems

Projected Missions for FY 2001

- SAME AS ABOVE (BY LAW, TITLE 10)

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

- \* Navy's sole independent operational test agency
- \* Develop tactics for new or improved weapon systems

Projected Unique Missions for FY 2001

- \* SAME AS ABOVE (BY LAW, TITLE 10)

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>Chief of Naval Operations</u> | <u>N00011</u> |
| • Funding Source                 | UIC           |
| <u>Chief of Naval Research</u>   | <u>N00014</u> |

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>137</u> | <u>109</u> | <u>53</u>              |
| • Tenants (total)   | <u>N/A</u> | <u>N/A</u> | <u>N/A</u>             |

Authorized Positions as of 30 September 1994

|                     | Officers   | Enlisted   | Civilian (Appropriated) |
|---------------------|------------|------------|-------------------------|
| • Reporting Command | <u>130</u> | <u>108</u> | <u>63</u>               |
| • Tenants (total)   | <u>N/A</u> | <u>N/A</u> | <u>N/A</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>  |
|------------------------|---------------|--------------|--------------|
| • Commander            |               |              |              |
| <u>RADM J. J. ZERR</u> | 804-444-5162  | 804-445-8932 | 804-444-6172 |
| • CAPT D. F. BEACH     | 804-444-0260  | 804-445-9174 | [N/A]        |
| • Ms. P. Petty         | 804-444-5647  | 804-445-6602 | [N/A]        |
| • Duty Officer         | 804-444-6172  | 804-445-8932 | [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, end strength 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 |
|---------------------|-----|---------|----------|----------|
| N/A                 |     |         |          |          |

- Tenants residing on main complex (homeported units.)

| Tenant Command Name | UIC | Officer | Enlisted | Civilian |
|---------------------|-----|---------|----------|----------|
| N/A                 |     |         |          |          |

- 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 |
|---------------------|-----|----------|---------|----------|----------|
| N/A                 |     |          |         |          |          |

- Tenants (Other than those identified previously)

| Tenant Command Name | UIC | Location | Officer | Enlisted | Civilian |
|---------------------|-----|----------|---------|----------|----------|
| N/A                 |     |          |         |          |          |

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.

| Activity name | Location | Support function (include mechanism such as ISSA, MOU, etc.) |
|---------------|----------|--|
| N/A           |          |  |

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.

- 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.)

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

RADM J. J. ZERR  
NAME (Please type or print)

J. J. Zerr  
Signature  
9 Feb 94  
Date

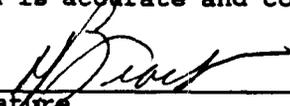
Commander  
Title

COMOPTEVFOR  
Activity

BRAC-95 CERTIFICATION

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

D. F. BEACH  
NAME (Please type or print)  
Deputy Chief of Staff  
for Administration  
Title

  
\_\_\_\_\_  
Signature

9 FEB 1994  
\_\_\_\_\_  
Date

Administration, Code 10  
Division

N/A  
\_\_\_\_\_  
Department  
COMOPTEVFOR  
Activity

BRAC-95 CERTIFICATION

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

Eric P. Vlk  
NAME (Please type or print)  
Facilities Manager  
Title

Eric P. Vlk  
Signature  
9 Feb 94  
Date

Administration, Code 10  
Division

N/A

Department  
COMOPTEVFOR  
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)

N/A  
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)

N/A  
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

CAPT S. STERLING, III  
NAME (Please type or print)

Signature 

Acting Director  
Title

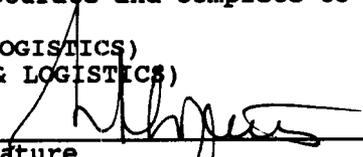
Date 16 February 1994

Field Support Activity  
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)

S. F. Loftus  
NAME (Please type or print)

Signature 

Deputy Chief of Naval Operations (Logistics)  
Title

Date 23 FEB 1994

# Document Separator

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**Department of Defense**

**1995 Base Realignment and Closure  
T&E Joint Cross-Service Group Data Guidance**

**March 31, 1994**

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**T&E JOINT CROSS-SERVICE GROUP DATA GUIDANCE**

**SECTION 1: GUIDANCE, STANDARDS, AND ASSUMPTIONS**

- 1.1 GUIDANCE
  - 1.1.A Guidance for Identification of Test and Evaluation (T&E) Facilities/Capabilities
  - 1.1.B Guidance for Military Department Data Collection
  - 1.1.C Guidance for Military Department Data Analysis
- 1.2 ASSUMPTIONS
- 1.3 FUNCTIONAL AREAS
  - 1.3.A Air Vehicles
  - 1.3.B Electronic Combat (EC) Systems
  - 1.3.C Armaments/Weapons

**SECTION 2: CAPACITY & TECHNICAL RESOURCES**

- 2.1 WORKLOAD
  - 2.1.A Historical Workload
  - 2.1.B Forecasted Workload
- 2.2 UNCONSTRAINED CAPACITY
- 2.3 TECHNICAL RESOURCES

**SECTION 3: MEASURES OF MERIT**

- 3.1 OVER-ARCHING MEASURES OF MERIT
  - 3.1.A Interconnectivity
  - 3.1.B Facility Condition
  - 3.1.C Environmental and Encroachment Carrying Capacity
  - 3.1.D Specialized Test Support Facilities and Targets
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  - 3.1.H Geographic/Climatological Features
- 3.2 AIR VEHICLES
  - 3.2.A Supersonic Airspace
  - 3.2.B Airfield and Facility Characteristics
  - 3.2.C Test Operations
- 3.3 ELECTRONIC COMBAT
  - 3.3.A Threat Environment
  - 3.3.B Test Article Support
- 3.4 ARMAMENTS/WEAPONS
  - 3.4.A Directed Energy
  - 3.4.B Rocket/Missile/Bomb Systems

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**T&E JOINT CROSS-SERVICE GROUP**

**SECTION 1: GUIDANCE, STANDARDS, AND ASSUMPTIONS**

The Military Departments will use the following information for data collection on each facility that has performed T&E and is still capable of performing T&E within the three functional areas of air vehicles, electronic combat, and armaments/weapons for any component (hardware or software), subsystem, system, or platform. Guidance is provided on conducting a cross-service analysis.

**1.1 GUIDANCE**

**1.1.A Guidance for Identification of Test and Evaluation (T&E) Facilities / Capabilities**

**1.1.A.1 Scope**

All DoD installations will be examined to identify facilities that have and are still capable of performing T&E within the three functional areas of air vehicles, electronic combat, and armaments/weapons.

All facilities (tenant and host on the installation) owned by DoD are within scope of this examination.

The Military Departments and Defense Agencies are responsible for submitting the data.

The scope of this examination will include T&E facilities that are funded from any funding source and appropriation (RDT&E, procurement, O&M, training, etc.).

**1.1.A.2 T&E Facilities / Capabilities**

The definition of a T&E facility/capability to be used for purposes of data collection will be a set of DoD-owned or controlled property (air/land/sea space) or any collection of equipment, platforms, ADPE or instrumentation that can conduct a T&E operation and provide a deliverable T&E product.

The T&E facility can support T&E of components through systems platforms or missions in the following functional areas: air,

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land, sea, space, C4I, armaments/weapons, electronic combat, nuclear effects, chem/bio, propulsion, environmental effects, guidance, and materials.

The T&E facilities will be grouped under one of the following test facility categories: modeling and simulation, measurement, integration laboratory, hardware-in-the-loop, installed systems, or open air (See Appendix A for definitions). It will typically consist of all of the following components: data collection sensors and instrumentation, data reception and storage, data processing, and data display and reporting.

The scope will include T&E operations from all funding sources (RDT&E, procurement, O&M, training, etc.).

**1.1.B Guidance for Military Department Data Collection**

The Military Departments will use the T&E facility/capability definitions included within this data call package. In your descriptions of facility technical capabilities include programmed investments/upgrades in Military Department or Defense Agency 1995 Future Years Defense Plan (FY95 FYDP) in support of the President's Budget (PB95). When calculating capacity data, use the guidelines/definitions included in this package.

Data will be collected on all facilities/capabilities that are within the scope defined in section 1.1.A. Data will be collected using Appendix A, Data Forms and Instructions

**1.1.C Guidance for Military Department Data Analysis**

The Military Departments will use the 95 FYDP as the baseline to calculate costs and savings. Address closure/realignment opportunities at the functional T&E and facility levels. Retain essential technical capabilities for core competencies and technologies. Consider consolidation of subfunctions such as centralized maintenance of common platforms, instrumentation, data processing. Consider retention of difficult-to-replace essential geographic assets (e.g. airspace, ground/terrain, climates, seaports) without regard to "ownership". Recognize adaptability to future technologies. Do not consider environmental cleanup costs/difficulties for closure or downsizing a facility/capability.

**1.2 ASSUMPTIONS**

Cross-service analyses will use the following assumptions:

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**1.2.A** T&E workload is not a direct function of force structure, but is related to the RDT&E budget and acquisition funding.

**1.2.B** The FYDP is considered certified data. Information from non-DoD activities will not be used as a basis for analyses.

**1.2.C** At least one test facility/capability will be required to address any technology in use or nearing maturation. Geographic assets (airspace, ground space, sea space, terrain, climate, physical security) must be adequate. Closure or realignments of laboratories, maintenance depots, and training activities could necessitate consolidation with T&E facilities/capabilities.

**1.2.D** Evaluation of developing technologies and systems will follow a process that involves a progression of test facilities/capabilities ranging from modeling and simulation, measurements, through hardware-in-the-loop, system integration laboratories, installed-systems, to open air/range testing.

**1.2.E** Potential for internetting facilities/capabilities can be considered in workload projections if investments to provide internetting capability are programmed.

**1.2.F** With regard to outsourcing, it will be assumed that work currently performed in-house will remain in-house and that work currently outsourced will remain outsourced.

**1.2.G** With regard to foreign military sales (FMS), it will be assumed that the FMS workload will continue at FY93 levels into the future (straight-lined).

### **1.3 FUNCTIONAL AREAS**

Three functional areas of T&E facilities/capabilities were selected for specific emphasis during cross-service analyses following analysis of the T&E Reliance study areas. These three areas -- air vehicles, electronic combat, and armament/weapons -- show the greatest potential for cross-service consolidation opportunities; others are predominately or nearly Military Department unique.

Over-arching measures of merit have been developed that are applicable to many T&E facilities/capabilities across the three functional areas. These measures generally relate to the overall demographics of the facility/capability at an installation and are important to evaluating a facility/capability for: overall condition; potential to support current or future contingency,

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mobilization and future missions; additional workload; and overall Mission Essentiality. Additional data specific to the three functional areas will also be collected. For the purpose of this data collection, the three functional areas are defined as follows:

### 1.3.A Air Vehicles

This functional area includes facilities involved in the testing of all air vehicles/subsystems/components whether fixed wing or rotary wing and test of major sub-systems (e.g., avionics, engines, and sensors). This includes flight testing and the testing involving pre- and post-flight preparation and processing of the air vehicle. Unmanned air vehicles and cruise missiles are included.

### 1.3.B Electronic Combat (EC) Systems

This functional area includes facilities involved in the testing of stand-alone electronic combat systems and electronic combat subsystems that are normally integrated into other weapon systems. It includes the testing of systems or subsystems that have as their primary mission threat warning, testing of systems that provide countermeasures in the RF (radio frequency) spectrum against radars and other RF sensors, systems that provide countermeasures that are used against sensors in the electro-optical or infrared spectrum as well as testing of electronic and C3 countermeasures.

### 1.3.C Armaments / Weapons

This functional area includes facilities involved in the testing of the weapons portion of a weapon system. In those cases where the weapon system is composed almost exclusively of the weapon, it may include system-level and platform integration testing. In other cases, it addresses just the weapon subsystem (e.g., guidance and control, propulsion, warheads, and airframe), while the testing of the weapon system's vehicle is in another functional area.

## SECTION 2: CAPACITY & TECHNICAL RESOURCES

Use the forms and accompanying instructions in appendix A to provide answers for this section.

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**2.1 WORKLOAD**

Annual workload will be reported in units as follows: for open air ranges involving flight testing, report test hours and missions. For all other T&E facilities direct labor hours and test hours must be reported; if available, missions must be reported. If an estimation of test hours based on direct labor hours is necessary, refer to the instructions for Determination of Unconstrained Capacity on page 28.

**2.1.A Historical Workload**

**-2.1.A.1** What amount of workload have you performed each year from FY86-93? Use the Historical Workload Form provided in Appendix A of this package.

**2.1.B Forecasted Workload**

**-2.1.B.1** Identify all appropriations (by program element) that generated a requirement for testing or test support, or are expected to generate a requirement for testing/test support in your Military Department (by functional areas of air vehicles, electronic combat (EC), armament/ weapons, and other test) for FY92, FY93, and each year in the FY95 FYDP. The Military Departments will provide total funding amounts appropriated for all PEs identified in each functional area shown above.

**-2.1.B.2** What amount of test work was performed at your facility (in workyears by functional areas of air vehicles, electronic combat, armament/weapons, other tests, and other) in FY92 & FY93?

**2.2 UNCONSTRAINED CAPACITY**

**-2.2.A** Unconstrained capacity is the maximum capacity of this facility, assuming manpower and consumable supplies (excluding utilities) are unlimited, but allowing for expected downtime (maintenance, weather, darkness (daylight), holidays, etc.). Provide your response by filling out the Determination of Unconstrained Capacity Form in accordance with the instructions in Appendix A.

**-2.2.B** Is this capacity limited by the physical characteristics of the facility itself, safety or health considerations, commercial utility availability, etc?

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**2.3 TECHNICAL RESOURCES**

**-2.3.A** Does the facility have a specified war-time or contingency role established in approved war plans? Yes/no. **No**

**-2.3.B** Does the facility provide a T&E product or service, without which irreparable harm would be imposed on the test mission of the host installation? **No**

**-2.3.B.1** On the test mission of any other activity?

**Yes, COMOPTEVFOR provides support (funding for automated data processing) for three air test and evaluation squadrons, VX-1, located at Patuxent River, VX-4 at Point Mugu and VX-9 at China Lake.**

**-2.3.B.2** On any other mission deemed critical to the operational effectiveness of the armed forces of the United States? **No**

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**SECTION 3: MEASURES OF MERIT**

This section relates the measures of merit and the required data to the four criteria that have been established for Military Value. The four military value (MV) criteria are:

- CRITERION 1: The current and future mission requirements and the impact on operational readiness of the Department of Defense's total force.
- CRITERION 2: The availability and condition of land, facilities and associated airspace at both the existing and potential receiving locations.
- CRITERION 3: The ability to accommodate contingency, mobilization, and future total force requirements at both the existing and potential receiving locations.
- CRITERION 4: The cost and manpower implications.

**3.1 OVER-ARCHING MEASURES OF MERIT**

The over-arching measures of merit are listed with accompanying questions (or data requirements) intended to elicit standard information upon which the cross-service analyses can be based, and on which the Joint Cross-Service Groups can base their reviews of the Military Department analyses. Additional specific measures of merit are shown under individual functional areas. The numbers in parentheses ( ) before each measure of merit indicate the BRAC selection criteria for military value.

**3.1.A. Interconnectivity (MV I) - Measure of Merit:** *Extent of linkage of this facility with other facilities and assessment of single-node failure potential.*

**3.1.A.1** What percentage of total test workload in FY93 involved the real-time or near real time exchange of data or control with another facility? List the facilities you interconnect to for test and identify how many are simultaneous activities. Identify these as to whether they are internal and external to the site.

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(Answer to 3.1.A.1)

An average workload percentage of our separate warfare divisions (surface, underwater, air, etc.) is 15%. The modes of data exchange include facsimile (secure and non-secure), electronic mail, TECHNET, PROCOM and CC Mailer.

The external sites we exchange data with include: AIRTEVRON ONE (Patuxent River, MD), AIRTEVRON FOUR (Pt. Mugu, CA), AIRTEVRON NINE (China Lake, CA), N91 (WASH, D.C.), AIR-120 (WASH, D.C.), PMA (WASH, D.C.), N88 (WASH, D.C.), Sandia National Laboratories, NUWC DET (Hawaii), NWADIV (Corona, CA), David Taylor Research Center (Wash, D.C./Annapolis, MD) Navy Laboratories (Newport, RI; Keyport, WA; Wai Anae, HI), COMNAVSEASYSOM (WASH, D.C.), US Special Operations Command (McDILL AFB), Naval Surface Warfare Center (WASH, D.C.), Naval Coastal Systems Center (Panama City, FL).

-3.1.A.2 If your facility were to be closed, would there be an impact on other facilities to which you are connected? Yes. If yes, explain.

The Navy's sole independent agent for operational test and evaluation would be eliminated. Title 10 USCS 2399 establishes a requirement for COMOPTEVFOR.

**3.1.B Facility Condition (MV II) - Measure of merit: Current and planned status of the T&E facilities for supporting assigned test missions.**

Fill out the Facility Condition Form in Appendix A in accordance with the instructions.

**3.1.C Environmental and Encroachment Carrying Capacity (MV II) - Measure of Merit: Extent of current and future potential environmental and encroachment impacts on air, land, and sea space for testing.** N/A

- 3.1.C.1 Do you have limiting (current or future) environmental and/or encroachment characteristics associated with the installation/facility? N/A  
Yes/no. If yes, explain.

- 3.1.C.2 How much could workload be increased before this limit would be reached? Express your answer as a percentage of your current workload. N/A

- 3.1.C.3 Do you currently operate under temporary permits of an environmental nature, or voluntary agreements (including treaties) of any sort that deal with the environment? If so,

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when do they expire? Please describe.

**N/A**

- 3.1.C.4 What is the total population within a 50 mile radius?  
100 mile radius? 150 mile radius? 200 mile radius?

**As discussed phoncon between OPTEVFOR/CAPT Beach and FSA/LT Avant  
OF 25 May 94, population figures not held at COMOPTEVFOR.  
COMOPTEVFOR located within Commander, Naval Base Norfolk complex,  
Norfolk, VA.**

- 3.1.C.5 Identify the commercial air/land/sea traffic routes,  
public use of air/land/sea space, and frequency of use for each  
that affects or could affect mission accomplishment in your air,  
land, or sea space.

**N/A**

- 3.1.C.5.A How many test missions per year are canceled due to  
commercial or public use?

**N/A**

- 3.1.C.6 What is the number of test missions that have been  
canceled due to encroachment in each of the last two years? **N/A**

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**3.1.D Specialized Test Support Facilities and Targets (MV I) - Measure of Merit:** *Extent to which specialized test support facilities and targets are available.*

**-3.1.D.1** Do you have specialized facilities are required to support you in conducting your test operations at your facility (e.g. Aerial delivery load build-up facilities; parachute drying towers/packing facilities; paratroop support facilities; specialized fuel storage and delivery systems; mission planning facilities; corrosion control, painting, washing facilities; and specialized maintenance facilities such as avionics intermediate shops)? Yes/no. If yes, please describe. **N/A**

**-3.1.D.2** Are specialized targets required to support this facility? Yes/no. If yes, explain. **N/A**

**-3.1.D.2.A** Have the specialized targets been validated? Yes/no. If yes, by whom? **N/A**

**3.1.E Expandability (MV III) - Measure of Merit:** *Extent to which an installation/facility is able to expand to accommodate additional workload or new missions.* **N/A**

**-3.1.E.1** Other than the expandability inherent in unconstrained capacity, discussed earlier, are there any special aspects of this facility that enhance its ability to expand output within each T&E functional area? Yes/no. If yes, explain. **No**

**-3.1.E.1.A** Can you accept new T&E workload different from what you are currently performing? Yes/no. If yes, identify by T&E functional area and test type. **No**

**-3.1.E.2** Are airspace, land, and water areas--adjacent to areas under DoD control--available and/or suited for physical expansion to support new missions or increased footprints? Yes/no. If yes, please explain. **N/A**

**-3.1.E.3** Is the facility equipped to support secure operations? Yes/no. If yes, to what level of classification (Confidential, Secret, Top Secret, Special Access Required)?

**Yes, special access required.**

**-3.1.E.4** Are there any capital improvements underway or programmed in the 95 FYDP, that would change your capacity/capability? Yes/no. If yes, explain. **No**

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**3.1.F Uniqueness (MV I) - Measure of Merit:** *Extent to which the facility is one-of-a kind.*

**-3.1.F.1** Is this a one-of-a-kind facility within the DoD?  
Yes/no. If yes, describe. **No**

**-3.1.F.1.A** Within the US Government? Yes/no. If yes, describe. **No**

**-3.1.F.1.B** Within the US? Yes/no. If yes, describe. **No**

**-3.1.F.2** Are you currently providing support to DoD users outside your Military Department? Yes/no. If yes, indicate percentage of total workload in FY92 and FY93 by Military Department. **No**

**3.1.G Available Air, Land, and Sea Space (MV II) - Measure of Merit:** *Extent to which controlled test ranges satisfy weapon system test requirements. Note: COMOPTEVFOR CONTROLS NO TEST RANGES.*

**-3.1.G.1** How many square miles of air, land, and sea space are available to support test operations? **None**

**-3.1.G.2** Who owns and or controls the land under the restricted airspace you use? **N/A**

**-3.1.G.3** How much of this is Restricted Airspace, and what altitude limits are associated with the restricted areas? **N/A**

**-3.1.G.4** Do you have special use airspace other than supersonic airspace? Yes/no. If yes, for what types of test (e.g. terrain following radar)? Dimensions? Will it support simultaneous users? Yes/no. **No/N/A**

**-3.1.G.5** Is the airspace over land or water? List the number of square miles over each. **N/A**

**-3.1.G.6** Identify known or projected airspace problems that may prevent accomplishing your mission. **N/A**

**-3.1.G.7** What is the maximum straight line segment in your airspace in nautical miles? **N/A**

**-3.1.G.8** What public airspace have you used for overflight of weapons systems in the past? What was the nature of those tests? Do you anticipate being able to use that same public airspace for similar tests in the future? Yes/no. **N/A**

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**3.1.H Geographic/Climatological Features (MV II) - Measure of Merit:** *Extent to which types of climatic/geographic conditions represent world-wide operational conditions.*

**-3.1.H.1** Describe the topography and ground cover/vegetation within your test airspace (include nap-of-the-earth capability). Identify all of the following that apply: mountains, forest/jungle, cultivated lowland, swamp/riverine, desert, and sea. State the area of each in square miles. **N/A**

**-3.1.H.2** Are there features of the local geology or soil conditions that enhance or inhibit any types of test? **N/A**

**-3.1.H.3** Did you have to go to other geographical locations to satisfy test requirements? Yes/no and explain. If yes, provide as a percent of overall workload per year for the past 8 years.

Yes, all (100%) tests associated with COMOPTEVFOR's data collection and reports are completed at other locations.

**-3.1.H.4** What is the number of days per year the average temperature is below 32 degrees F? Between 32 and 95 degrees? Above 95 degrees?

**41 days below 32 degrees; 306 days between 32 and 95 degrees; and 18 days above 95 degrees.**

**-3.1.H.5** What is the number of days per year the average relative humidity is below 30%? Between 30 and 80%? Above 80%?

**7 days below 30%; 252 days between 30 and 80%; and 106 days above 80%.**

**-3.1.H.6** What is the number of test missions per year (1985 - 1993) canceled due to weather? **N/A**

**-3.1.H.7** What is the number of test days per year (1985 - 1993) canceled due to weather? **N/A**

**-3.1.H.8** What is the number of days per year the visibility is less than 1 mile? Between 1 and 3 miles? Greater than 3 miles?

**17 days less than 1 mile; 50 days between 1 and 3 miles; and 298 days greater than 3 miles.**

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**-3.1.H.9** What is the average number of flying days available per year for flight test? Provide historical average from the past eight years. **N/A**

**-3.1.H.10** What percentage of the time are your test operations restricted due to weather? **N/A**

**3.2 AIR VEHICLES**

This functional area includes facilities involved in the testing of all air vehicles/subsystems/components whether fixed wing or rotary wing and test of major subsystems (e.g., avionics, engines, and sensors). This includes flight testing and the testing involving pre- and post-flight preparation and processing of the air vehicle. Unmanned air vehicles and cruise missiles are included.

**NOTE:** COMOPTEVFOR does not own any airfield facilities or testing equipment involved in the testing of air vehicles. This section is considered not applicable.

**3.2.A Supersonic Airspace (MV II) - Measure of Merit:** *Extent of range size to support weapon system requirements.*

**-3.2.A.1** Do supersonic corridors or areas exist? Yes/no.

**-3.2.A.2** Where are they located relative to your airfield?

**-3.2.A.3** At what altitude (upper and lower altitude)?

**-3.2.A.4** Over land or water? What size and shape (length and width)?

**-3.2.A.5** Are there restrictions you must observe to use this space? Yes/no. If yes, explain.

**-3.2.A.6** What is the maximum number of simultaneous users?

**-3.2.B Airfield and Facility Characteristics (MV II) - Measure of Merit:** *Extent of air vehicle infrastructure to support T&E operations.*

**-3.2.B.1** Provide a brief description of your airfield and support facilities, to include the following: number and azimuth of runways, elevation, runway length (excluding overrun), overrun length, terminal and/or landing aids, arresting cable (yes/no,

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type), ramp area (in square feet), construction material (runway and ramps), load capability, and hangar space.

-3.2.B.2 How close and how many emergency runways or airfields are in your area of operation?

-3.2.B.3 Where is your airfield situated relative to working areas (airspace) for supporting test operations?

-3.2.B.4 What makes your airfield unique or at least suited for supporting test operations?

-3.2.B.5 Is there a size, weight, maintenance or mission limitation that would affect test operations? If so, describe the limitation(s).

-3.2.B.6 Including hangers and ramp space, how many fighter size aircraft could you support? Large multi-engine aircraft? Rotary wing? UAV? Cruise missiles?

-3.2.C **Test Operations (MV II) - Measure of Merit:** *Extent of T&E operations that the airspace can accommodate.*

-3.2.C.1 What types of air vehicle testing (fixed wing, rotary wing, unmanned vehicles, and cruise missiles) can be supported? (e.g. performance, handling qualities, fatigue life, static, wheels and brakes, physical integration with external stores or avionics)

-3.2.C.2 Do ground support facilities exist for pre-flight checkout or rehearsal of test missions?

-3.2.C.3 What kinds, numbers of aircraft and mix can be supported (manned and unmanned)?

-3.2.C.4 Does UAV and or rotary wing operations pose any limitation on other types of missions? If yes, explain.

-3.2.C.5 What sorts of missions (e.g. air-to-air, air-to-ground and refueling) can be flown within local airspace?

-3.2.C.6 What is the maximum number of simultaneous missions you can support that require telemetry?

-3.2.C.7 What is the largest number of simultaneous test missions you have supported in your airspace?

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**-3.2.C.8** Identify the number, types, and owners of aircraft at your installation.

**3.3 ELECTRONIC COMBAT**

This functional area includes facilities involved in the testing of stand-alone electronic combat systems and electronic combat subsystems that are normally integrated into other weapon systems. It includes the testing of systems or subsystems that have as their primary mission threat warning, testing of systems that provide countermeasures in the RF (radio frequency) spectrum against radars and other RF sensors, systems that provide countermeasures that are used against sensors in the electro-optical or infrared spectrum as well as testing of electronic and C3 countermeasures.

**NOTE:** COMOPTEVFOR does not own any facilities involved in the testing of electronic combat systems or electronic combat subsystems; this section is considered not applicable.

**3.3.A Threat Environment (MV I) - Measure of Merit:** *Extent to which the capability satisfies weapon system requirements.*

**-3.3.A.1** What is the number of threats simulated?

**-3.3.A.2** How many simultaneous threats can be simulated? What type (e.g. AI, AAA, SAM)? What is maximum signal density? Average density? What power level? What band? Radiated or injected?

**-3.3.A.3** Are the threat software models and simulators (software/hardware) validated? Yes/no. If yes, by whom?

**-3.3.A.4** Do you conduct open loop testing? Reactive? Closed loop? Yes/no for each.

**-3.3.A.5** What is the threat representation (fidelity) and density?

**-3.3.A.6** Are you capable of simulating land threats? Sea threats? Combined land/sea threats? Yes/no. If yes, describe.

**-3.3.A.7** What geographic dispersion can be simulated?

**-3.3.A.7.A** Threat lay down?

**-3.3.A.7.B** Representative distance?

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**-3.3.A.8** Are the threats moveable (i.e.dynamic) within a test scenario? relocatable to new scenarios? yes/no

**-3.3.A.9** Is the facility interlinked with off-site threats? Yes/no. If yes, how are you linked?

**-3.3.A.10** Is there a limit on simultaneous users? Yes/no. If no, explain.

**3.3.B Test Article Support (MV II) - Measure of Merit: *Extent to which test support satisfies weapon system test requirements.***

**-3.3.B.1** Is there a size, weight, or other limitation on test operations the facility can support? Yes/no. If so, identify the limits and measures to remove them.

**-3.3.B.2** What is the number of simultaneous countermeasures that can be evaluated?

**-3.3.B.3** What range of spectra can be tested and evaluated?

**-3.3.B.4** What are the available spectra?

**-3.3.B.5** Do you have a scene generation capability? Yes/no. If yes, describe.

**3.4 ARMAMENTS / WEAPONS**

This functional area includes facilities involved in the testing of the weapons portion of a weapon system. In those cases where the weapon system is composed almost exclusively of the weapon, it may include system-level and platform integration testing. In other cases, it addresses just the weapon subsystem (e.g., guidance and control, propulsion, warheads, and airframe), while the testing of the weapon system's vehicle is in another functional area.

**NOTE:** COMOPTEVFOR does not own any weapon testing facilities involved in the testing of the weapons portion of a weapon system; this section is considered not applicable.

**3.4.A Directed Energy (MV II) - Measure of Merit: *Extent to which the facility satisfies directed energy weapon system test requirements.***

This includes testing of all types of directed energy weapons.

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**-3.4.A.1** Do you currently test directed energy weapon systems?  
Yes/no.

If yes, explain. Describe the power source(s) you have available. What is your maximum downrange distance?

**3.4.B Rocket / Missile / Bomb Systems (MV II) - Measure of Merit:** *Extent capability satisfies weapon system test requirements.*

This includes the testing of all types of rocket, missile, and bomb systems at the system/subsystem/component level, both stand alone and integrated into the launch platform. This includes testing of air-to-air, air-to-surface, and surface-to-air missiles.

**-3.4.B.1 Ground Space**

**-3.4.B.1.A** What is the area in square miles of the land and water space which you can use to conduct tests of live rocket, missile, or bomb systems?

**-3.4.B.1.B** How many separate and distinct land and water test areas are available to conduct tests of live weapons? List them and the size of each in acres.

**-3.4.B.1.C** What are the maximum ranges (nautical miles) you can test, by type weapon?

**3.4.B.2 Test Operations**

**-3.4.B.2.A** For each of your land and water ranges, how many test missions were scheduled in FY92 and FY93 that were required to use safety footprints comparable to those required for the following types of weapons:

--Unguided 2000 pound-class ballistic weapon

---live?

---inert?

--Guided weapon (e.g., GBU-24 class)

---live?

---inert?

--Stand-off weapon (e.g., AGM-130 class)

---live?

---inert?

--Short-range missile (e.g., AIM-9)

---below 5000 feet MSL

---between 5000 and 20,000 feet MSL

---above 20,000 feet MSL

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--Long-range missile (e.g., AIM-120)

---below 5000 feet MSL

---between 5000 and 20,000 feet MSL

---above 20,000 feet MSL

-3.4.B.2.B Were flight termination systems required? Yes/no.

-3.4.B.2.C If no missions were scheduled in a category, give the reason(s).

-3.4.B.2.D Were any scheduled missions canceled before the mission, or terminated/aborted during the mission because of encroachments into the safety footprint? Yes/no. If yes, how many per year.

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APPENDIX A - DATA FORMS AND INSTRUCTIONS

1. Form, General Information

**Facility/Capability:** Enter the descriptive title for the facility/capability. Avoid using acronyms and abbreviations unless the title defines the acronym. Example: Guided Weapons Evaluation Facility (GWEF).

**Origin date:** Enter today's date in the format MM/DD/YY.

**Military Department:** Allowable entries include "N" for Navy, "A" for Army, and "AF" for Air Force. If the facility/capability is managed by an "Other Government Agency" (e.g. ARPA, DNA, ACC) enter the appropriate Agency name.

**Organization/Activity:** Enter the name (with acronym) for the field activity. Example: White Sands Missile Range (WSMR).

**Location:** Enter the location where the facility/capability is physically located (installation, city or other common name).

**Unit Identification Code (UIC):** Enter the UIC.

**T&E Functional Area:** Enter the single area this facility/capability primarily supports: Air Vehicles, Armament/Weapons, Electronic Combat, or Other.

**T&E Test Facility Category:** Enter the facility category based on the following definitions:

(1) **Digital Models and Computer Simulations (DMS)**- Those models and simulations which either provide a simulated test environment or representations of systems, components, and platforms. DMSs are used throughout the development and test process, as analytical tools, as well as tools to drive or control electronic and other environmental stimuli provided, the test articles on Open Air Ranges (OARs), Installed Systems Test Facilities (ISTFs), Hardware in the Loop Test Facilities (HITLs), Integration Laboratories (ILs), and Measurement Facilities (MFs).

(2) **Measurement Facilities (MF)**- Those facilities used to provide a specialized test environment and/or data collection capability. MFs may be ground based laboratories or open air facilities (often located at or part of OARs).

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(3) Integration Laboratories (IL)- Those facilities designed to support the integration and test of various systems and components that will be installed in a host platform. ILs are generally platform specific or unique. However, the simulated stimuli and data collection capabilities required by ILs are often common with those required by HITLS and ISTFs.

(4) Hardware-In-The-Loop (HITL)- Those facilities which provide capabilities to test systems or their components at various stages of development (e.g., brassboard, breadboard, prototype, preproduction, production). HITLs provide stimuli and data collection capabilities to permit test and evaluation of a system/component independent of the host platform.

(5) Installed Systems Test Facilities (ISTF)- Ground based test facilities (usually chambers) that allow test of systems and weapons as installed in the combat platform. ISTFs provide simulated test environments and stimuli and data collection capabilities for the test article(s).

(6) Open Air Ranges (OAR)- Those facilities which consist of controlled or restricted areas to support the test of platforms/systems in a real world, dynamic environment. They are instrumented with data collection, time-space-position information, positive control of test participants, and real or simulated targets and threats as appropriate.

**Percentage Use:** Enter percentage of time, based on hours, the facility is used to support each of the following (total must sum to 100%):

(1) Test and Evaluation (T&E)- Any facility that is accountable to Military Department and/or OSD T&E management oversight. Operation and sustainment of these facilities are typically funded from 6.5 or procurement program elements. Facilities in this category were developed to support developmental and/or operational test and evaluation and focus on the evaluation of system safety, technical performance, environmental (climatic, electromagnetic, etc.) effects, sustainability and operational suitability, maturity of production processes, and compliance with system specifications and quality standards.

(2) Science & Technology (S&T)- Any facility that is accountable to Military Department and/or OSD S&T management oversight. Operation and sustainment of these facilities are typically funded from 6.1, 6.2, and 6.3a program elements. Facilities in this category were developed to support experimental studies leading to enhanced understanding of new

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phenomena for new military applications as well as efforts directed toward the solution of problems in the physical, behavioral, and social sciences.

(3) Developmental Engineering (DE)- Any facility that is accountable to Military Department and/or OSD Research, Development and Engineering or acquisition management oversight. Operation and sustainment of these facilities are typically funded from 6.3b through 6.4 or procurement program elements. Facilities in this category were developed to support proof-of-principle and engineering development of systems.

(4) In-Service Engineering (IE)- Any facility that is accountable to Military Department and/or OSD logistics management oversight. Operation and sustainment of these facilities are typically funded from 6.7 or Operations and Maintenance (O&M) program elements. Facilities in this category were developed to support the maintenance facilities. These facilities tend to be system peculiar capabilities to conduct checkouts of the system/subsystems after they have undergone a modification, upgrade or improvement.

(5) Training and Doctrine (T&D)- Any facility that is accountable to Military Department and/or OSD training and doctrine management oversight. Operation and sustainment of these facilities are typically funded from O&M program elements. Facilities in this category were developed to support the training and proficiency of operational forces and/or the development of new tactics, doctrine or force structure concepts.

(6) Other - Any work outside the above.

Breakout by T&E Functional Area: For each of the above categories (T&E, S&T, DE, IE, T&D, Other) enter percentage of time facility is used to support Air Vehicles, Armament/Weapons, Electronic Combat, or Other. Total of breakout areas must sum to top line percentage.

**2. Form, Technical Information**

Facility Description: Enter a brief description of the facility, including the mission statement.

Interconnectivity/Multi-Use of Facility: Describe any linking/interconnectivity with other T&E facilities. Include physical and/or data linkages (bandwidth, data rate, etc.). Describe any unique characteristics or multiple use of the resource (e.g., operating by rotating crew, availability of resource dependent on ..., equipment will be obsolete by ...,

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etc.)

**Type Tests Supported:** Enter specific types of tests accomplished by the Facility (e.g., electromagnetic compatibility, radar cross section, missile miss distance, air-to-air radar simulation, etc).

**Summary of Technical Capabilities:** Describe technical capabilities at your facility to include:

**Instrumentation/Assets:** Enter instrumentation and other assets (e.g., jammers, target generators, recording equipment, computer support equipment) associated with the resource.

Provide fact sheets, not to exceed two pages.

**Keywords:** Enter any keywords (spelled-out with acronyms) associated with functions and capabilities of the facility (e.g., electromagnetic interference/electromagnetic compatibility (EMI/EMC), anechoic chamber, radar cross section (RCS)).

**3. Form, Additional Information**

**Additional Information Form.** Enter facility name. Provide personnel numbers for FY93, FY94, and each year in the FY95 FYDP broken out according to officers, enlisted, civilians and contractors. Enter total area square footage of indoor space, test area square footage of indoor space used for T&E purposes, and list office space square footage separately. Tonnage of equipment is the weight of all equipment associated with this facility. Volume of equipment is the volume of all equipment associated with this facility. Annual maintenance cost is self explanatory. Moving costs are estimates for packing equipment at the losing site and reassembly, calibration, etc at the receiving site, not including transportation costs. Capital equipment investments are the current improvement and modernization funds as well as any programs funds earmarked for equipment purchase.

**4. Form, Facility Condition**

**Facility/Capability:** Enter the descriptive title for the facility/capability.

**Age:** Indicate the age of the facility/capability as of the date on the General Information Form.

**Replacement Value:** Enter the replacement value for the facility/capability. Indicate whether this includes the

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replacement cost for the equipment.

**Maintenance and Repair Backlog:** Enter the total dollar amount of the backlog for maintenance and repair items.

**Date of Last Upgrade:** Date of the last major upgrade to the facility.

**Nature of Last Upgrade:** Describe the purpose and capability increase from the last major upgrade. Indicate the date this upgrade became available for use.

**Major Upgrades Programmed:** Enter information on each of the major upgrades that are programmed. Indicate the total programmed amount and provide a summary description of the upgrade.

**5. Form, Historical Workload**

Use this form to report the workload performed at this facility each year from FY86-93.

**Facility/Capability Title:** Enter the descriptive title for the facility/capability. Avoid using acronyms and abbreviations unless the title defines the acronym. Example: Guided Weapons Evaluation Facility (GWEF).

**T&E Functional Area:** For each of these functional areas (Air Vehicles, Armament/Weapons, Electronic Combat, Other Test, and Other), enter direct labor hours, test hours, and/or missions for FY86 through FY93. For open air ranges involving flight testing, report test hours and missions. For all other T&E facilities direct labor hours and test hours must be reported; if available, missions must be reported. If an estimation of test hours based on direct labor hours is necessary, refer to the instructions for Determination of Unconstrained Capacity on page 28.

**6. Form, Determination of Unconstrained Capacity**

**Annual Hours of Downtime, 1:** If the facility were required to operate continuously for 24 hours a day, seven days a week, 52 weeks a year, determine the number of hours per day the facility can reasonably operate if it is not constrained by personnel strength? Consider your facilities, equipment, and instrumentation fixed at current levels.

1. Add up the total hours of downtime per year for maintenance, weather, darkness (daylight), holidays, etc. Enter

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in line 1.

**Average Downtime Per Day, 2:** Divide line 1 by 365 to get the average downtime per day. Fill in at line 2.

**Average Hours Available Per Day, 3:** Subtract line 2 from 24 hours to get the average number of hours per day the facility is available for test. Fill in at line 3.

Analyze your historic workload mix to determine the average number and type of tests that have been run simultaneously at your facility. Determine the maximum number of tests that can be run simultaneously if there is no limit to personnel authorizations. Enter the following data from your analysis

**Test Types, 4:** Enter in column 4 the name of the type of test.

**Tests at One Time, 5:** List the number of each type of test that can be conducted simultaneously in column 5.

**Workload Per Test**

**Per Facility Hour, 6:** List the workload (reported in units as follows: For open air range flight testing, report workload in flight hours and numbers of missions. For all other test facility categories, including open air range other than flight testing, report workload in direct labor hours) represented by each hour the test is run. Do this at line 6.

From the historic workload analysis, determine the average workload per facility hour represented by the average or "typical" test. In the row titled "TYPICAL", in column 5, enter the number of these "typical" tests that can be run in addition to those already listed above. Enter the workload per "typical" test per facility hour in column 6. To estimate test hours from direct labor hours for the Historic Workload Form, divide the facility workload by this number (the number of direct labor hours per "typical" test per facility hour) and enter in the test hour block on the Historic Workload Form.

**Workload Per**

**Facility Hour, 7:** Multiply column 5 by column 6. Enter in column 7. Total column 7.

**Unconstrained**

**Capacity Per Day, 8:** Multiply the total from column 7 by line 3 to get the unconstrained capacity per average day. Enter in line 8.

**Annual**

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**Unconstrained**

**Capacity, 9:** Multiply line 8 by 365 to get the unconstrained capacity per year for the facility. Enter on line 9.

**GENERAL INFORMATION**

Facility/Capability Title: Commander, Operational Test and Evaluation Force/Navy's Independent Agent for Operational Test and Evaluation

Origin Date: 26 May 94

|   |                |           |                |                |                |  |
|---|----------------|-----------|----------------|----------------|----------------|--|
| Service: <u>"N"</u> Organization/Activity: <u>Commander, Operational Test and Evaluation Force (COMOPTEVFOR)</u> Location: <u>Norfolk, VA</u> |                |           |                |                |                |  |
| T&E Functional Area: <u>Other</u>   |                |           |                |                |                | UIC = <u>N57023</u><br>UIC = <u>N31977</u> |
| T&E Test Facility Category <u>N/A</u>   |                |           |                |                |                |  |
| PERCENTAGE USE:   | <u>D&amp;E</u> | <u>IE</u> | <u>T&amp;D</u> | <u>T&amp;E</u> | <u>S&amp;T</u> | <u>Other</u>                               |
|   |                |           | <u>80%</u>     |                |                | <u>20%</u>                                 |
| = <u>100%</u>   |                |           |                |                |                |  |
| BREAKOUT BY T&E FUNCTIONAL AREA (%)   |                |           |                |                |                |  |
| Air Vehicles  | _____          | _____     | _____          | _____          | _____          | _____                                      |
| Armament/Weapons  | _____          | _____     | _____          | _____          | _____          | _____                                      |
| EC  | _____          | _____     | _____          | _____          | _____          | _____                                      |
| Other   | _____          | _____     | _____          | _____          | _____          | <u>100%</u>                                |
| Total in Breakout Must Equal "Percentage Use" On First Line   |                |           |                |                |                |  |

## TECHNICAL INFORMATION

Facility/Capability Title: Commander, Operational Test and Evaluation Force/Navy's Independent Agent for Operational Test and Evaluation

Facility Description; Including mission statement: COMOPTEVFOR has three administrative buildings to support its mission; to provide independent operational test and evaluation for weapons, ships, aircraft and equipment in the anticipated operational environment and against the anticipated threat.

Interconnectivity/Multit-Use of T&E Facility: COMOPTEVFOR is connected via an electronic mail system to AIRTEVRON ONE, FOUR and NINE with secure data devices at 9.6 KBPS and linked with the Defense Secure Network.

Type of Test Supported: COMOPTEVFOR administratively supports operational test and evaluation of weapons, ships, aircraft and equipment.

Summary of Technical Capabilities: Not Applicable

Keywords: N/A

**ADDITIONAL INFORMATION**

Facility/Capability Title: Commander, Operational Test and Evaluation Force/Navy's Independent Agent for Operational Test and Evaluation

**PERSONNEL**

|          | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 | FY99 |
|----------|------|------|------|------|------|------|------|
| Officer  | 149  | 148  | 147  | 147  | 147  | 147  | 147  |
| Enlisted | 117  | 117  | 117  | 117  | 117  | 117  | 117  |
| Civilian | 71   | 71   | 71   | 71   | 71   | 71   | 71   |
| Total    | 337  | 336  | 335  | 335  | 335  | 335  | 335  |

Total Square Footage: 56,730 GSF

Test Area Square Footage: 0

Office Space Square Footage: 49,416 GSF

Tonnage of Equipment: 0

Volume of Equipment: 0

Annual Maintenance cost: 162,500

Estimated Moving cost: N/A

**CAPITAL EQUIPMENT INVESTMENT:**

| <u>FY93</u> | <u>FY94</u> | <u>FY95</u> | <u>FY96</u>  | <u>FY97</u> | <u>FY98</u> | <u>FY99</u> |
|-------------|-------------|-------------|--------------|-------------|-------------|-------------|
| \$1,154,477 | \$911,800   | \$900,000   | \$1,800,000* | \$725,000   | \$725,000   | \$725,000   |

\* Collateral equipment for new building, MILCON Project P-061.

**FACILITY CONDITION**

FACILITY/CAPABILITY TITLE: Commander, Operational Test and Evaluation Force/Navy's Independent Agent for Operational Test and Evaluation

AGE: 52 years

REPLACEMENT VALUE: 1993 Current Present Value is \$5.1 mil.  
Does not include equipment.

MAINTENANCE AND REPAIR BACKLOG: None, Building scheduled for demolition 1996.

DATE OF LAST UPGRADE: June-Sept 1991

NATURE OF LAST UPGRADE: Replace heating and Cooling system in building CA-7.

MAJOR UPGRADES PROGRAMMED

1. UPGRADE TITLE: N/A

TOTAL PROGRAMMED AMOUNT: \_\_\_\_\_

SUMMARY DESCRIPTION: \_\_\_\_\_

2. UPGRADE TITLE: N/A

TOTAL PROGRAMMED AMOUNT: \_\_\_\_\_

SUMMARY DESCRIPTION: \_\_\_\_\_



\* Projects that had a phase of testing that began during the FY, per information contained in the CNO Database. Information prior to 1989 is an estimate; it was not tracked before 1989.

| OTHER | MISSIONS* | DIRECT | TEST HOURS | MISSIONS |
|-------|-----------|--------|------------|----------|
|       | 26        | 35     | 41         | 40       |
|       | 48        | 73     | 62         |          |



BRAC-95 CERTIFICATION

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

Patricia A. Petty

NAME (Please type or print)

Patricia A. Petty  
Signature

Comptroller

Title

26 May 94  
Date

Comptroller, Code 014

Division

N/A

Department

COMOPTVFOR

Activity

BRAC-95 CERTIFICATION

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

D. F. Beach

NAME (Please type or print)

Deputy Chief of Staff

for Administration

Title

  
\_\_\_\_\_  
Signature

26 May 94  
\_\_\_\_\_  
Date

Administration, Code 10

Division

N/A  
\_\_\_\_\_

Department

COMOPTEVFOR

Activity

**BRAC-95 CERTIFICATION**

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

RADM J. J. ZERR  
NAME (Please type or print)

Commander  
Title

COMOPTEVFOR  
Activity

  
\_\_\_\_\_  
Signature

26 May 94  
\_\_\_\_\_  
Date

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

CAPT. S. STERLING, III  
NAME (Please type or print)

  
\_\_\_\_\_  
Signature

Acting Director  
Title

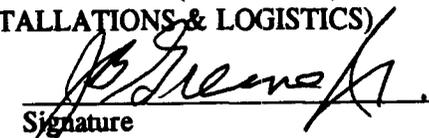
6/1/94  
Date

Field Support Activity  
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

13 JUN 1994  
Date

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**Activity Identification:** Please complete the following table, identifying the activity for which this response is being submitted.

|                        |             |
|------------------------|-------------|
| <b>Activity Name:</b>  | COMOPTVFOR  |
| <b>UIC:</b>            | 57023       |
| <b>Major Claimant:</b> | CNO (OP 09) |

**General Instructions/Background:**

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze both the impact that potential closure or realignment actions would have on a local community and the impact that relocations of personnel would have on communities surrounding receiving activities. In addition to Cost of Base Realignment Actions (COBRA) analyses which incorporate standard Department of the Navy (DON) average cost factors, the BSEC will also be conducting more sophisticated economic and community infrastructure analyses requiring more precise, activity-specific data. For example, activity-specific salary rates are required to reflect differences in salary costs for activities with large concentrations of scientists and engineers and to address geographic differences in wage grade salary rates. Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

Due to the varied nature of potential sources which could be used to respond to the questions contained in this data call, a block appears after each question, requesting the identification of the source of data used to respond to the question. To complete this block, identify the source of the data provided, including the appropriate references for source documents, names and organizational titles of individuals providing information, etc. Completion of this "Source of Data" block is critical since some of the information requested may be available from a non-DoD source such as a published document from the local chamber of commerce, school board, etc. Certification of data obtained from a non-DoD source is then limited to certifying that the information contained in the data call response is an accurate and complete representation of the information obtained from the source. Records must be retained by the certifying official to clearly document the source of any non-DoD information submitted for this data call.

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**General Instructions/Background (Continued):**

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

**Note 1:** Throughout this data call, the term "activity" is used to refer to the DON installation that is the addressee for the data call.

**Note 2:** Periodically throughout this data call, questions will include the statement that the response should refer to the "area defined in response to question 1.b., (page 3)". Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, the scope of the "area defined" may be limited to the sum of:

- those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,
- those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**Note 3:** Responses to questions referring to "civilians" in this data call should reflect federal civil service appropriated fund employees.

**1. Workforce Data**

a. **Average Federal Civilian Salary Rate.** Provide the projected FY 1996 average gross annual appropriated fund civil service salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

|  |                    |
|--|--------------------|
| <b>Average Appropriated Fund Civilian Salary Rate:</b> | <b>\$30,959.00</b> |
|--|--------------------|

|   |
|---|
| <b>Source of Data (1.a. Salary Rate):</b> COMOPTVFOR ltr 7000 Ser 014BA/0017 of<br>7 Jan 94; POM-96 RDT&E, Navy Descriptive<br>Summary of 10 Jun 94 |
|---|

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Location of Residence.** Complete the following table to identify where employees live. Data should reflect current workforce.

**1) Residency Table.** Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

| City of Residence | State     | No. of Employees Residing in County |          | Percentage of Total Employees | Average Distance From Base (Miles) | Average Duration of Commute (Minutes) |
|-------------------|-----------|-------------------------------------|----------|-------------------------------|------------------------------------|---------------------------------------|
|                   |           | Military                            | Civilian |                               |                                    |                                       |
| Norfolk           | VA        | 71                                  | 13       | 28                            | 3                                  | 10                                    |
| Virginia Beach    | VA        | 128                                 | 26       | 51.3                          | 17                                 | 25                                    |
| Chesapeake        | VA        | 25                                  | 3        | 9.3                           | 20                                 | 35                                    |
| Hampton           | VA        | 9                                   | 1        | 3.3                           | 20                                 | 35                                    |
| Portsmouth        | VA        | 4                                   | 4        | 2.6                           | 20                                 | 35                                    |
| Newport News      | VA        | 5                                   | 3        | 2.6                           | 23                                 | 38                                    |
| Other             | VA/<br>NC | 5                                   | 3        | 2.6                           | 30                                 | 45                                    |
|                   |           |                                     |          |                               |                                    |                                       |

= 100%

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**2) Location of Government (DoD) Housing.** If some employees of the base live in government housing, identify the county(s) where government housing is located:

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**Source of Data (1.b. 1) & 2) Residence Data):** COMOPTVFOR Data Base, maintained by Admin (Code 112A)

**c. Nearest Metropolitan Area(s).** Identify all major metropolitan area(s) (i.e., population concentrations of 100,000 or more people) which are within 50 miles of the installation. If no major metropolitan area is within 50 miles of the base, then identify the nearest major metropolitan area(s) (100,000 or more people) and its distance(s) from the base.

| City   | County | Distance from base<br>(miles) |
|--|--------|-------------------------------|
| Norfolk, Virginia Beach<br>Newport News (Metropolitan<br>Statistic Area) | N/A    | 0                             |
|  |        |                               |
|  |        |                               |
|  |        |                               |
|  |        |                               |

**Source of Data (1.c. Metro Areas):** Hampton Roads Planning District Commission, June 23, 1994

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

d. **Age of Civilian Workforce.** Complete the following table, identifying the age of the activity's civil service workforce.

| <b>Age Category</b>  | <b>Number of Employees</b> | <b>Percentage of Employees</b> |
|----------------------|----------------------------|--------------------------------|
| <b>16 - 19 Years</b> | 0                          | 0                              |
| <b>20 - 24 Years</b> | 0                          | 0                              |
| <b>25 - 34 Years</b> | 18                         | 35 %                           |
| <b>35 - 44 Years</b> | 19                         | 36 %                           |
| <b>45 - 54 Years</b> | 12                         | 23 %                           |
| <b>55 - 64 Years</b> | 3                          | 6 %                            |
| <b>65 or Older</b>   |                            |                                |
| <b>TOTAL</b>         | 52                         | 100 %                          |

**Source of Data (1.d.) Age Data): Notification of Personnel Action (SF-50)**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**e. Education Level of Civilian Workforce**

1) **Education Level Table.** Complete the following table, identifying the education level of the activity's civil service workforce.

| <b>Last School Year Completed</b>          | <b>Number of Employees</b> | <b>Percentage of Employees</b> |
|--|----------------------------|--------------------------------|
| 8th Grade or less                          | 0                          | 0                              |
| 9th through 11th Grade                     | 0                          | 0                              |
| 12th Grade or High School Equivalency      | 12                         | 23%                            |
| 1-3 Years of College                       | 23                         | 44%                            |
| 4 Years of College (Bachelors Degree)      | 11                         | 21%                            |
| 5 or More Years of College (Graduate Work) | 6                          | 12%                            |
| <b>TOTAL</b>                               | <b>52</b>                  | <b>100%</b>                    |

2) **Degrees Achieved.** Complete the following table for the activity's civil service workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

| <b>Degree</b>  | <b>Number of Civilian Employees</b> |
|--|-------------------------------------|
| Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.) | 10                                  |
| Associate Degree   | 2                                   |
| Bachelor Degree  | 12                                  |
| Masters Degree   | 4                                   |
| Doctorate  |                                     |

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**Source of Data (1.e.1) and 2) Education Level Data): COMOPTEVFOR Memo of  
1 Jul 94 (Civilian Survey)**

f. **Civilian Employment By Industry.** Complete the following table to identify by "industry" the type of work performed by civil service employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

| Industry  | SIC Codes  | No. of Civilians | % of Civilians |
|---|------------|------------------|----------------|
| <b>1. Agriculture, Forestry &amp; Fishing</b>                               | 01-09      | 0                | 0              |
| <b>2. Construction (includes facility maintenance and repair)</b>           | 15-17      | 0                | 0              |
| <b>3. Manufacturing (includes Intermediate and Depot level maintenance)</b> | 20-39      |                  |                |
| 3a. Fabricated Metal Products (include ordnance, ammo, etc.)                | 34         | 0                | 0              |
| 3b. Aircraft (includes engines and missiles)                                | 3721 et al | 0                | 0              |
| 3c. Ships   | 3731       | 0                | 0              |
| 3d. Other Transportation (includes ground vehicles)                         | various    | 0                | 0              |

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

| Industry   | SIC Codes | No. of Civilians | % of Civilians |
|--|-----------|------------------|----------------|
| 3e. Other Manufacturing not included in 3a. through 3d.  | various   | 0                | 0              |
| <b>Sub-Total 3a. through 3e.</b>   | 20-39     | 0                | 0              |
| <b>4. Transportation/Communications/Utilities</b>  | 40-49     |                  |                |
| 4a. Railroad Transportation  | 40        | 0                | 0              |
| 4b. Motor Freight Transportation & Warehousing (includes supply services)                                      | 42        | 0                | 0              |
| 4c. Water Transportation (includes organizational level maintenance)   | 44        | 0                | 0              |
| 4d. Air Transportation (includes organizational level maintenance)   | 45        | 0                | 0              |
| 4e. Other Transportation Services (includes organizational level maintenance)                                  | 47        | 0                | 0              |
| 4f. Communications   | 48        | 0                | 0              |
| 4g. Utilities  | 49        | 0                | 0              |
| <b>Sub-Total 4a. through 4g.</b>   | 40-49     | 0                | 0              |
| <b>5. Services</b>   | 70-89     | 0                | 0              |
| 5a. Lodging Services   | 70        | 0                | 0              |
| 5b. Personal Services (includes laundry and funeral services)  | 72        | 0                | 0              |
| 5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services) | 73        | 12               | 23%            |
| 5d. Automotive Repair and Services   | 75        | 0                | 0              |
| 5e. Other Misc. Repair Services  | 76        | 0                | 0              |

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

| Industry  | SIC Codes | No. of Civilians | % of Civilians |
|---|-----------|------------------|----------------|
| 5f. Motion Pictures   | 78        | 0                | 0              |
| 5g. Amusement and Recreation Services   | 79        | 0                | 0              |
| 5h. Health Services   | 80        | 0                | 0              |
| 5i. Legal Services  | 81        | 0                | 0              |
| 5j. Educational Services  | 82        | 0                | 0              |
| 5k. Social Services   | 83        | 0                | 0              |
| 5l. Museums   | 84        | 0                | 0              |
| 5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)        | 87        | 40               | 77%            |
| 5n. Other Misc. Services  | 89        | 0                | 0              |
| <b>Sub-Total 5a. through 5n.:</b>   | 70-89     | 0                | 0              |
| <b>6. Public Administration</b>   | 91-97     | 0                | 0              |
| 6a. Executive and General Government, Except Finance  | 91        | 0                | 0              |
| 6b. Justice, Public Order & Safety (includes police, firefighting and emergency management) | 92        | 0                | 0              |
| 6c. Public Finance  | 93        | 0                | 0              |
| 6d. Environmental Quality and Housing Programs  | 95        | 0                | 0              |
| <b>Sub-Total 6a. through 6d.</b>  | 91-95     | 0                | 0              |
| <b>TOTAL</b>  |           | 52               | 100%           |

**Source of Data (1.f.) Classification By Industry Data): Notification of Personnel Action (SF-50) Occupational Code**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**g. Civilian Employment by Occupation.** Complete the following table to identify the types of "occupations" performed by civil service employees at the activity. Employees should be categorized based on their primary duties. Additional information on categorization of employment by occupation can be found in the Department of Labor Occupational Outlook Handbook. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Occupation Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Occupation Types" identified in the table. Refer to the descriptions immediately following this table for more information on the various occupational categories. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

| Occupation   | Number of Civilian Employees | Percent of Civilian Employees |
|--|------------------------------|-------------------------------|
| <b>1. Executive, Administrative and Management</b> | 9                            | 17%                           |
| <b>2. Professional Specialty</b>                   | 0                            | 0                             |
| 2a. Engineers                                      | 5                            | 10%                           |
| 2b. Architects and Surveyors                       | 0                            | 0                             |
| 2c. Computer, Mathematical & Operations Research   | 11                           | 21%                           |
| 2d. Life Scientists                                | 0                            | 0                             |
| 2e. Physical Scientists                            | 0                            | 0                             |
| 2f. Lawyers and Judges                             | 0                            | 0                             |
| 2g. Social Scientists & Urban Planners             | 0                            | 0                             |
| 2h. Social & Recreation Workers                    | 0                            | 0                             |
| 2i. Religious Workers                              | 0                            | 0                             |
| 2j. Teachers, Librarians & Counselors              | 0                            | 0                             |
| 2k. Health Diagnosing Practitioners (Doctors)      | 0                            | 0                             |
| 2l. Health Assessment & Treating                   | 0                            | 0                             |
| 2m. Communications                                 | 0                            | 0                             |

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

| Occupation   | Number of<br>Civilian<br>Employees | Percent of<br>Civilian<br>Employees |
|--|------------------------------------|-------------------------------------|
| 2n. Visual Arts  | 0                                  | 0                                   |
| <b>Sub-Total 2a. through 2n.:</b>  | 0                                  | 0                                   |
| <b>3. Technicians and Related Support</b>  | 0                                  | 0                                   |
| 3a. Health Technologists and Technicians   | 0                                  | 0                                   |
| 3b. Other Technologists  | 0                                  | 0                                   |
| <b>Sub-Total 3a. and 3b.:</b>  | 0                                  | 0                                   |
| <b>4. Administrative Support &amp; Clerical</b>  | 26                                 | 50%                                 |
| <b>5. Services</b>   | 0                                  | 0                                   |
| 5a. Protective Services (guards, firefighters, police)   | 0                                  | 0                                   |
| 5b. Food Preparation & Service   | 1                                  | 2%                                  |
| 5c. Dental/Medical Assistants/Aides  | 0                                  | 0                                   |
| 5d. Personal Service & Building & Grounds Services<br>( janitorial, grounds maintenance, child care workers) | 0                                  | 0                                   |
| <b>Sub-Total 5a. through 5d.</b>   | 0                                  | 0                                   |
| <b>6. Agricultural, Forestry &amp; Fishing</b>   | 0                                  | 0                                   |
| <b>7. Mechanics, Installers and Repairers</b>  | 0                                  | 0                                   |
| <b>8. Construction Trades</b>  | 0                                  | 0                                   |
| <b>9. Production Occupations</b>   | 0                                  | 0                                   |
| <b>10. Transportation &amp; Material Moving</b>  | 0                                  | 0                                   |
| <b>11. Handlers, Equipment Cleaners, Helpers and Laborers</b>  | 0                                  | 0                                   |
| <b>TOTAL</b>   | 52                                 | 100%                                |

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**Source of Data (1.g.) Classification By Occupation Data): Notification of Personnel  
Action (SF-50) Occupational  
Code**

Description of Occupational Categories used in Table 1.g. The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate appropriated fund civil service jobs at the activity.

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine services and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilers.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Bus drivers; material moving equipment operators; rail transportation occupations; truck drivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**h. Employment of Military Spouses.** Complete the following table to provide estimated information concerning military spouses who are also employed in the area defined in response to question 1.b., above. Do not fill in shaded area.

|   |      |
|---|------|
| 1. Percentage of Military Employees Who Are Married:  | 82   |
| 2. Percentage of Military Spouses Who Work Outside of the Home:   | 57.7 |
| 3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home". |      |
| 3a. Employed "On-Base" - Appropriated Fund:   | 15.2 |
| 3b. Employed "On-Base" - Non-Appropriated Fund:   | 2.5  |
| 3c. Employed "Off-Base" - Federal Employment:   | 2.5  |
| 3d. Employed "Off-Base" - Other Than Federal Employment   | 79.8 |

|   |
|---|
| <b>Source of Data (1.h.) Spouse Employment Data): COMOPTVFOR Survey</b> |
|---|

\*Note: 1. 13.9% for category of military spouses married to military  
2. Total of those married who responded to questions 3a-3d was 73%

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**2. Infrastructure Data.** For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

- A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.
- B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.
- C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

**Table 2.a., "Local Communities":** This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

**Table 2.b., "Economic Region":** This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

**For both tables, annotate with an asterisk (\*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

a. **Table A: Ability of the local community to meet the expanded needs of the base.**

1) Using the A - B - C rating system described above, complete the table below.

| Category                              | 20% Increase | 50% Increase | 100% Increase |
|---------------------------------------|--------------|--------------|---------------|
| Off-Base Housing                      | A            | A            | A             |
| Schools - Public                      | A            | A            | A             |
| Schools - Private                     | A            | A            | A             |
| Public Transportation - Roadways      | A            | A            | A             |
| Public Transportation - Buses/Subways | A            | A            | A             |
| Public Transportation - Rail          | N/A          | N/A          | N/A           |
| Fire Protection                       | A            | A            | A             |
| Police                                | A            | A            | A             |
| Health Care Facilities                | A            | A            | A             |
| Utilities:                            | A            | A            | A             |
| Water Supply                          | A            | A            | A             |
| Water Distribution                    | A            | A            | A             |
| Energy Supply                         | A            | A            | A             |
| Energy Distribution                   | A            | A            | A             |
| Wastewater Collection                 | A            | A            | A             |
| Wastewater Treatment                  | A            | A            | A             |
| Storm Water Collection                | A            | A            | A             |
| Solid Waste Collection and Disposal   | A            | A            | A             |
| Hazardous/Toxic Waste Disposal        | A            | A            | A             |
| Recreational Activities               | A            | A            | A             |

Remember to mark with an asterisk any categories which are wholly supported on-base.

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

**Source of Data (2.a. 1) & 2) - Local Community Table): Hampton Roads Planning  
District Commission**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Table B: Ability of the region described in the response to question 1.b. (page 3) (taken in the aggregate) to meet the needs of additional employees and their families relocating into the area.**

1) Using the A - B - C rating system described above, complete the table below.

| Category                              | 20% Increase | 50% Increase | 100% Increase |
|---------------------------------------|--------------|--------------|---------------|
| Off-Base Housing                      | A            | A            | A             |
| Schools - Public                      | A            | A            | A             |
| Schools - Private                     | A            | A            | A             |
| Public Transportation - Roadways      | A            | A            | A             |
| Public Transportation - Buses/Subways | A            | A            | A             |
| Public Transportation - Rail          | N/A          | N/A          | N/A           |
| Fire Protection                       | A            | A            | A             |
| Police                                | A            | A            | A             |
| Health Care Facilities                | A            | A            | A             |
| Utilities:                            | A            | A            | A             |
| Water Supply                          | A            | A            | A             |
| Water Distribution                    | A            | A            | A             |
| Energy Supply                         | A            | A            | A             |
| Energy Distribution                   | A            | A            | A             |
| Wastewater Collection                 | A            | A            | A             |
| Wastewater Treatment                  | A            | A            | A             |
| Storm Water Collection                | A            | A            | A             |
| Solid Waste Collection and Disposal   | A            | A            | A             |
| Hazardous/Toxic Waste Disposal        | A            | A            | A             |
| Recreation Facilities                 | A            | A            | A             |

Remember to mark with an asterisk any categories which are wholly supported on-base.

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

**Source of Data (2.b. 1) & 2) - Regional Table): Hampton Roads Planning District Commission**

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**3. Public Facilities Data:**

**a. Off-Base Housing Availability.** For the counties identified in the Residency Table, in the aggregate, estimate the current average vacancy rate for community housing. Use current data or information identified on the latest family housing market analysis. For each of the categories listed (rental units and units for sale), combine single family homes, condominiums, townhouses, mobile homes, etc., into a single rate:

**Rental Units:**

| Number of Bedrooms   | Vacant Units for Rent | Vacancy Rate (Percent) |
|----------------------|-----------------------|------------------------|
| 1 Bedroom            | 4,254                 | 9.4                    |
| 2 Bedroom            | 11,884                | 11.4                   |
| 3 Bedroom            | 3,208                 | 6.2                    |
| 4+ Bedrooms          | 107                   | 0.9                    |
| Total for the Region | 19,453                | 10.0                   |

**Units for Sale:**

| City           | Vacant Units For Sale | Vacancy Rate (Percent) |
|----------------|-----------------------|------------------------|
| Virginia Beach | 5,043                 | 3.3                    |
| Norfolk        | 5,862                 | 6.2                    |
| Portsmouth     | 2,292                 | 5.5                    |
| Chesapeake     | 1,552                 | 2.4                    |
| Newport News   | 3,340                 | 4.6                    |
| Hampton        | 2,099                 | 3.5                    |
| Williamsburg   | 766                   | 3.7                    |

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

|                      |        |     |
|----------------------|--------|-----|
| Total for the Region | 20,954 | 4.5 |
|----------------------|--------|-----|

Source of Data (3.a. Off-Base Housing): For rental units: Metro Market Trends, Inc. & For units for sale: 1993-94 HUD Housing Survey

**NOTE: Be sure to coordinate this answer with housing data provided previously for the military value data call.**

The Hampton Roads Planning District Commission provided this housing data. No inconsistency exists with previous military value data call.

**b. Education.**

**1) Information is required on the current capacity and enrollment levels of school systems serving employees of the activity. Information should be keyed to the counties identified in the Residency Table.**

| School District                       | Elementary | Middle | High | Current Enrollment | Maximum Enrollment | Current Pupil-to-Teacher Ratio | Maximum Pupil-to-Teacher Ratio | Does System serve Govt. Housing |
|---------------------------------------|------------|--------|------|--------------------|--------------------|--------------------------------|--------------------------------|---------------------------------|
| Virginia Beach                        | 53         | 11     | 10   | 74,880             | ***                | 20.0                           | 25                             | Yes                             |
| Norfolk                               | 37         | 8      | 5    | 36,450             | ***                | 20.7                           | 25                             | Yes                             |
| Chesapeake                            | 26         | 7      | 5    | 33,182             | ***                | 21.0                           | 25                             | No                              |
| Portsmouth                            | 16         | 4      | 4    | 17,921             | ***                | 23.0                           | 25                             | Yes                             |
| Suffolk                               | 10         | 3      | 2    | 9,443              | ***                | 21.2                           | 25                             | No                              |
| Newport News                          | 25         | 7      | 4    | 31,894             | ***                | 19.1                           | 25                             | Yes                             |
| Hampton                               | 24         | 5      | 4    | 22,991             | ***                | 19.6                           | 25                             | Yes                             |
| Poquoson                              | 2          | 1      | 1    | 2,403              | ***                | 20.0                           | 25                             | No                              |
| Williamsburg/<br>James City<br>County | 6          | 3      | 1    | 6,637              | ***                | 17.7                           | 25                             | Yes                             |

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

|                   |    |   |   |        |     |      |    |     |
|-------------------|----|---|---|--------|-----|------|----|-----|
| York County       | 10 | 3 | 3 | 10,619 | *** | 20.4 | 25 | Yes |
| Gloucester County | 5  | 2 | 1 | 6,235  | *** | 17.4 | 25 | No  |

\*\*\*This figure is unavailable because capacity fluctuates due to the following reasons:

1. mobile trailers can be used for classrooms if a school needs additional capacity.
2. some schools are currently being renovated or additions are under construction.
3. reconfiguration, rescheduling, and redistricting are all possible solutions for school systems if additional space is needed.
4. classroom sizes vary according to the needs of the students. (example: If additional special education students are registered in a school the "capacity" can decrease due to the State requirement of smaller pupil to teacher ratios for special education students.

School districts in this table include all of the Public School Systems in the MSA with the exception of the Isle of Wight County School System and the Mathews County School System.

**\* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing**

Source of Data (3.b.1) Education Table): Hampton Roads Planning District Commission

2) Are there any on-base Section 6 Schools? If so, identify number of schools and current enrollment.

There are no on-base Section 6 schools

Source of Data (3.b.2) On-Base Schools): Hampton Roads Planning District Commission

3) For the counties identified in the Residency Table, in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees:

| Institution Name            | Certificate | Associate Degree | Bachelor Degree | Graduate Degree |
|-----------------------------|-------------|------------------|-----------------|-----------------|
| College of William and Mary | No          | No               | Yes             | Yes             |

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

|                                 |     |     |     |     |
|---------------------------------|-----|-----|-----|-----|
| Christopher Newport University  | No  | No  | Yes | Yes |
| Old Dominion University         | No  | No  | Yes | Yes |
| Norfolk State University        | No  | No  | Yes | Yes |
| Thomas Nelson Community College | Yes | Yes | No  | No  |
| Commonwealth College            | No  | Yes | No  | No  |
| Eastern Virginia Medical School | No  | No  | No  | Yes |
| Hampton University              | No  | No  | Yes | Yes |
| Virginia Wesleyan College       | No  | No  | Yes | Yes |

Both Old Dominion University and Tidewater Community College offer courses during the spring and fall semesters as well as during the summer sessions on NOB Norfolk, and NAS Oceana. Additionally, George Washington University, Emory Riddle Aeronautical, Southern Illinois University, and St. Leo 's College have extension campuses located in Hampton Roads. These educational institutions offer classes and programs designed especially for active duty military personnel stationed in the area.

One program of special interest available on-base to service members and their adult dependents is the Military Career Transition Program offered by Old Dominion University. This program offers senior enlisted and officers due to retire or separate from the military a course of study resulting in a Masters of Science in Education and teaching certification by the Commonwealth of Virginia. Classes are offered at Dam Neck, NAS Norfolk, the Virginia Beach Graduate Center, Langley AFB, and Fort Monroe.

Source of Data (3.b.3) Colleges): Hampton Roads Planning District Commission

**4) For the counties identified in the Residency Table, in the aggregate, list the names and major curriculums of vocational/technical training schools:**

Advanced Technology, Inc  
Automotive training institute  
Career Development Institute  
Career Works, Inc.  
Careercom  
Centec Learning  
Charm Associates Inc.  
Commonwealth Technical Institute

Community Alternatives, Inc.  
Comptrain  
Computer Dynamics, Inc.  
Computron  
Dalfort Aircraft Tech  
Danny's barber College  
Deen's Beauty School  
Eastern School of Technology

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Electronic Computer Programming  
Institute  
Electronic Institute of Technology  
Emost training Academy  
Financial Systems Academy  
Gibson World Travel School  
Glick & Glick Tax Consultants  
Green Thumb Employment & Training  
Hitek Learning Systems, Inc.  
International Air Academy, Inc.  
ITT Employment and Training Systems,  
Inc.  
Jenkins Barber College  
Johnson and Whales College  
Kee Business College Campus  
Lucas Travel School  
Mansfield School of Business  
MTA School  
Norfolk School of Boat Building  
OIE Learning Inc.  
Paralegal Institute of America  
Performance Training Inc.  
Platt Career School  
Portsmouth School of Beauty Culture  
Productivity Computer Training Inc.  
Pruden Vo-Tech Center  
Reporting Academy of Va., LTD  
Rice Aviation Aircraft  
School of Practical Nursing  
Step-Up, Inc.  
Stop Organization  
The Wackenhut Institute  
Tidewater Builders Association  
Tidewater Maritime Training Institute  
Tidewater School of Navigation  
Tidewater Tech  
Training and Development Service  
Tri-State Semi-Driver Training Inc.  
USA Training Academy  
Virginia Beach Beauty Academy  
Virginia Institute of Technology  
Virginia School of Polygraph

Wards Corner Beauty Academy  
Youth Unlimited

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Source of Data (3.b.4) Vo-tech Training): Hampton Roads Planning District Commission

**c. Transportation.**

**1) Is the activity served by public transportation?**

|        | Yes | No  |
|--------|-----|-----|
| Bus    | xxx |     |
| Rail   |     | xxx |
| Subway |     | xxx |
| Ferry  |     | xxx |

Source of Data (3.c.1) Transportation): Hampton Roads Planning District Commission

**2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.**

Amtrak - 9304 Warwick Blvd., Newport News - 10 miles

Source of Data (3.c.2) Transportation): Hampton Roads Planning District Commission

**3) Identify the name and location of the nearest commercial airport (with public earners, e.g., USAIR, United, etc.) and the distance from the activity to the airport.**

Norfolk International Airport - 8 miles

Source of Data (3.c.3) Transportation): Hampton Roads Planning District Commission

**4) How many carriers are available at this airport?**

There are 8 carriers which service this airport. They are American Airlines, Continental Airlines, Delta Airlines, Northwest Airlines, Trans World Airlines, US Air, United Airlines, and Southeast Airlines.

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Source of Data (3.c.4) Transportation): Hampton Roads Planning District Commission

**5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway?**

Interstate 564 - 0 miles.

Source of Data (3.c.5) Transportation): Hampton Roads Planning District Commission

**6) Access to Base:**

**a) Describe the quality and capacity of the road systems providing access to the base, specifically during peak periods. (Include both information on the area surrounding the base and information on access to the base, e.g., numbers of gates, congestion problems, etc.)**

Access to the activity is via I-64 and I-564, International Terminal Blvd., and Hampton Blvd. These routes provide excellent access to the facility. In 1993 HOV lanes on I-64 were completed at a cost of \$120,000,000. COMOPTVFOR has one gate. There are no congestion problems.

**b) Do access roads transit residential neighborhoods?**

Yes, Diven Street and Ventnor Street.

**c) Are there any easements that preclude expansion of the access road system?**

Yes for Ventnor Street; no for Diven Street

**d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)?**

No

Source of Data (3.c.6) Transportation): Hampton Roads Planning District Commission

**d. Fire Protection/Hazardous Materials Incidents. Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service.**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

NAVBASE Norfolk's fire department provides fire protection and hazardous material response. A contracted service provides assistance and containment for hazardous material.

The City of Norfolk Fire Department provides backup for fire only. Virginia Beach provides backup for fire and rescue.

Source of Data (3.d Fire/Hazmat): Hampton Roads Planning District Commission

**e. Police Protection.**

**1) What is the level of legislative jurisdiction held by the installation?**

Level is exclusive Federal jurisdiction per OPNAVINST 5530.14B and Federal law.

**2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.**

Only one level

**3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?**

NAVBASE Norfolk has an agreement with Norfolk SWAT Team

**4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.**

Not applicable

**5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.**

Law enforcement by DOD police only.

Source of Data (3.e. 1) - 5) - Police): HSA, Ann Johnson, 30 Jun 94, HSA Coordinator

**f. Utilities.**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.**

While monitored as an individual account, this activity is supplied with water by the City of Norfolk under a general contract between the Navy and the City of Norfolk. The current contract which is being renegotiated includes a reserve capacity of an undisclosed amount to accommodate increased demand across all activities serviced under the Navy contract.

The activity has sewer lines connected directly to the Hampton Roads Sanitation District (HRSD) sewer lines. Wastewater is treated at the HRSD Army base treatment plant which has capacity available for increased flows. Increases may require a separate agreement with the City of Norfolk if the city's sewer lines are impacted.

NOB/NAS has a National Pollutant Discharge Elimination System (NPDES)/Virginia Pollutant Discharge Elimination System (VPDES) permit. NOB/NAS operate their own storm water collection system. Norfolk is not billing the base for storm water collection at this time.

Refuse collection is contracted to private sector.

The activity receives electricity under a blanket contract negotiated with GSA.

**2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed.**

The City of Norfolk has never required this activity to implement water conservation restrictions, however, the Navy has self-imposed restrictions to curtail unnecessary water use during drought periods. There has been no interruption in service delivery except for routine system maintenance and repair.

**3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/ disruption .**

There have been no significant disruptions in utility service at this facility.

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Source of Data (3.f. 1) - 3) Utilities): Hampton Roads Planning District Commission

**4. Business Profile. List the top ten employers in the geographic area defined by the Residency Table, taken in the aggregate, (include your activity, if appropriate):**

| Employer                                     | Product/Service     | Number of Employees               |
|--|---------------------|-----------------------------------|
| 1. Naval Station Norfolk                     | National Defense    | 60,000                            |
| 2. Newport News Shipbuilding and Drydock Co. | Shipbuilding/Repair | 21,000                            |
| 3. Fort Eustis                               | National Defense    | 14,583                            |
| 6 Naval Air Station Oceana                   | National Defense    | 10,200                            |
| 7 Sentara Health Systems                     | Health Care         | 9,800                             |
| 9. Norfolk Naval Shipyard                    | Ship Repair         | <del>8,328</del> 7106 <i>SV</i>   |
| 8. Virginia Beach Public Schools             | Education           | 8,200                             |
| 10. Farm Fresh, Inc.                         | Grocery Chain       | 8,000                             |
| 5. Naval Amphibious Base Little Creek        | National Defense    | <del>6,100</del> 11,029 <i>SV</i> |
| 4. NASA Langley Research Center              | Aviation/Space      | <del>5,364</del> 11,600 <i>SV</i> |

Source of Data (4. Business Profile): Hampton Roads Planning District Commission

**5. Other Socio-Economic Impacts. For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by the Residency Table, in the aggregate.**

**a. Loss of Major Employers:**

The region has lost few major employers within the past five years. However, the Jonathan Corporation has been forced into foreclosure by a fall off in its defense business. Defense cuts have significantly impacted the area and caused defense contractors to cut back on the number of their workers. The Newport News Shipbuilding and Drydock Company has reduced its workforce from over thirty thousand a few years ago to just over twenty thousand today with a target employment level of fifteen thousand by 1996. Some four thousand jobs have also been lost at the Norfolk Naval Shipyard. Small contractors and subcontractors have also reduced their employment levels.

28 Chg's made at last minute  
1430 19 Jul 94 based on  
new info rec'd fm.  
Hampton Roads Planning  
Dept V/R Stephanie Versatile  
Business Controller

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Introduction of New Businesses/Technologies:**

CIGNA and USAA have recently located service centers within the area as have QVC and Lillian Vernon. CEBAF, an electronic beam accelerator, has been under construction for the past several years and will begin operations in 1994. Canon USA has also opened a facility for producing copiers.

**c. Natural Disasters:**

In the past 5 years there have not been any natural disasters in the Norfolk-Virginia Beach-Newport MSA which have negatively impacted the regional economy.

**d. Overall Economic Trends:**

Defense cuts continue to hamper the regional economy. Employment growth rates were in the 4-7 percent per year range in the mid-1980s and are today in the 0.5-1.5 percent range. Further defense downsizing will continue to hold down growth rates and elevate the unemployment rate. The region's population continues to expand along with the associated residential construction. The regional tax base has expanded accordingly with higher levels of retail sales, personal property and real estate taxes collected. Finally, the region is growing short of water, and this has forced growth to shift to the west into Chesapeake and Suffolk and out of Virginia Beach in recent years. This growth shift is anticipated to continue. Should the region be delayed in acquiring new water supply sources, regional growth rates will deteriorate from current levels.

Source of Data (5. Other Socio/Econ): Hampton Roads Planning District Commission

**NOTE: Be sure to include growth patterns, tax bases and other pertinent information in responses to these questions.**

BRAC-95 CERTIFICATION

Reference: (a) SECNAVNOTE 11000 of 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 J. J. ZERR  
NAME (Please Type or print)

J. J. Zerr  
Signature

Commander  
Title

18 July 94  
Date

COMOPTEVFOR  
Activity

Certification for Data Call Sixty Five.

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

Mr. Robert W. Thornett  
\_\_\_\_\_  
NAME (Please type or print)

  
\_\_\_\_\_  
Signature

Director  
\_\_\_\_\_  
Title

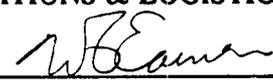
7/21/94  
\_\_\_\_\_  
Date

Field Support Activity  
\_\_\_\_\_  
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

8/4/94  
\_\_\_\_\_  
Date

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**DATA CALL 66  
INSTALLATION RESOURCES**

**Activity Information:**

|  |  |
|--|--|
| Activity Name:   | Commander, Operational Test and Evaluation Force |
| UIC:   | 57023  |
| Host Activity Name (if response is for a tenant activity): | N/A  |
| Host Activity UIC:   | N/A  |

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

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| <b>Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)</b> |                           |                   |               |
|---|---------------------------|-------------------|---------------|
| <b>Activity Name:</b> Commander, Operational Test and Evaluation Force    |                           | <b>UIC:</b> 57023 |               |
| Category  | FY 1996 BOS Costs (\$000) |                   |               |
|   | Non-Labor                 | Labor             | Total         |
| <b>1. Real Property Maintenance Costs:</b>                                |                           |                   |               |
| 1a. Maintenance and Repair  | 100                       | 199               | 299           |
| 1b. Minor Construction  | 10                        |                   | 10            |
| <b>1c. Sub-total 1a. and 1b.</b>  | <b>110</b>                | <b>199</b>        | <b>309</b>    |
| <b>2. Other Base Operating Support Costs:</b>                             |                           |                   |               |
| 2a. Utilities   | 325                       |                   | 325           |
| 2b. Transportation  | 32                        |                   | 32            |
| 2c. Environmental   | N/A                       |                   |               |
| 2d. Facility Leases   | N/A                       |                   |               |
| 2e. Morale, Welfare & Recreation  | N/A                       |                   |               |
| 2f. Bachelor Quarters   | N/A                       |                   |               |
| 2g. Child Care Centers  | N/A                       |                   |               |
| 2h. Family Service Centers  | N/A                       |                   |               |
| 2i. Administration  | 209                       | 84                | 293           |
| 2j. Other (Specify)   |                           | *17,663           | 17,663        |
| <b>2k. Sub-total 2a. through 2j:</b>                                      | <b>566</b>                | <b>17,747</b>     | <b>18,313</b> |
| <b>3. Grand Total (sum of 1c. and 2k.):</b>                               | <b>676</b>                | <b>17,946</b>     | <b>18,622</b> |

\* Includes POM 96 Civilian Labor minus (-) 4 positions and minus (-) 1 position reported in block 2i. \$2,620

\* Includes Military Labor minus (-) CMAA reported in blocks 1a and 2i. \$15,043

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**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> |
|----------------------|-----------------------|
| 1761319              | 3,358                 |
| 17G1453              | 15,264                |

**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..

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| <b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>         |   |                   |       |
|--|---|-------------------|-------|
| <b>Activity Name:</b> Commander, Operational Test and Evaluation Force |   | <b>UIC:</b> 57023 |       |
| 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)                                 | N/A                                     | N/A               | N/A   |
| 1b. Real Property Maintenance (<\$15K)                                 | N/A                                     | N/A               | N/A   |
| 1c. Minor Construction (Expensed)                                      | N/A                                     | N/A               | N/A   |
| 1d. Minor Construction (Capital Budget)                                | N/A                                     | N/A               | N/A   |
| 1e. Sub-total 1a. through 1d.  | N/A                                     | N/A               | N/A   |
| <b>2. Other Base Operating Support Costs:</b>                          |   |                   |       |
| 2a. Command Office   | N/A                                     | N/A               | N/A   |
| 2b. ADP Support  | N/A                                     | N/A               | N/A   |
| 2c. Equipment Maintenance  | N/A                                     | N/A               | N/A   |
| 2d. Civilian Personnel Services  | N/A                                     | N/A               | N/A   |
| 2e. Accounting/Finance   | N/A                                     | N/A               | N/A   |
| 2f. Utilities  | N/A                                     | N/A               | N/A   |
| 2g. Environmental Compliance   | N/A                                     | N/A               | N/A   |
| 2h. Police and Fire  | N/A                                     | N/A               | N/A   |
| 2i. Safety   | N/A                                     | N/A               | N/A   |
| 2j. Supply and Storage Operations                                      | N/A                                     | N/A               | N/A   |
| 2k. Major Range Test Facility Base Costs                               | N/A                                     | N/A               | N/A   |
| 2l. Other (Specify)  | N/A                                     | N/A               | N/A   |
| 2m. Sub-total 2a. through 2l:  | N/A                                     | N/A               | N/A   |
| <b>3. Depreciation</b>   | N/A                                     | N/A               | N/A   |
| <b>4. Grand Total (sum of 1c., 2m., and 3.) :</b>                      | N/A                                     | N/A               | N/A   |

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**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:</b> Commander, Operational Test and Evaluation Force | <b>UIC:</b> 57023                     |
| Cost Category  | FY 1996<br>Projected Costs<br>(\$000) |
| <b>Travel:</b>   | 2,226                                 |
| <b>Material and Supplies (including equipment):</b>                    | *1,104                                |
| <b>Industrial Fund Purchases (other DBOF purchases):</b>               | 10                                    |
| <b>Transportation:</b>   | 9                                     |
| <b>Other Purchases (Contract support, etc.):</b>                       | 1,223                                 |
| <b>Total:</b>  | 4,572                                 |

\* Includes \$690 O&MN (1761804) for equipment for new building.

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**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: Commander, Operational Test and Evaluation Force</b> | <b>UIC: 57023</b>                                    |
| <b>Contract Type</b>   | <b>FY 1996 Estimated Number of Workyears On-Base</b> |
| Construction:  | N/A  |
| Facilities Support:  | 6.0  |
| Mission Support:   | N/A  |
| Procurement:   | N/A  |
| Other:*  | N/A  |
| <b>Total Workyears:</b>  | <b>6.0</b>   |

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

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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)):

No contractors on site.  
Janitorial and Grounds support 6.0

2) Estimated number of workyears which would be eliminated:

None  
Janitorial services would still be required regardless of activity location

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):

N/A  
No contractors work on site.  
Janitorial and Grounds 6.0

**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.) |
|--|--|
| 6  | Technical Services / Grounds / Janitorial services   |

| No. of Additional Contract Workyears Which Would Be Relocated | General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.) |
|---|--|
| 6   | Technical Services / Grounds / Janitorial services   |

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with the 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-96 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 J. J. ZERR  
NAME (Please type or print)

J. Zerr  
Signature

Commander  
Title

18 July 94  
Date

COMOPTEVFOR  
Activity

Certification for Data Call Sixty Six

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

Mr. Robert W. Thornett  
NAME (Please type or print)

  
Signature

Director

\_\_\_\_\_  
Title

7/22/94  
Date

Field Support Activity

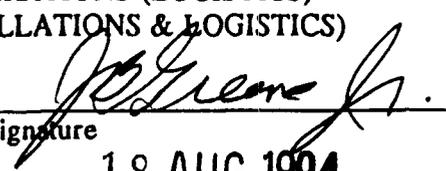
\_\_\_\_\_  
Activity

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

18 AUG 1994  
Date

\_\_\_\_\_  
Date



**DEPARTMENT OF THE NAVY**

**COMMANDER OPERATIONAL TEST AND EVALUATION FORCE  
7970 DIVEN STREET  
NORFOLK, VIRGINIA 23505-1498**

11000  
Ser 12/ **0581**

**MAY 26 1994**

From: Commander, Operational Test and Evaluation Force  
To: Director, Field Support Activity (Code 09BF)

Subj: BRAC 95 DATA CALL THIRTY THREE AMENDMENT TWO

Ref: (a) FSA ltr 11000 Ser 01F/40342 of 23 May 94

Encl: (1) BRAC 95 Data Call Thirty Three

1. Per reference (a) enclosure (1) is forwarded.
2. COMOPTEVFOR POC: Eric Vlk, DSN 564-0260/0264, commercial (804) 444-0260/0264.

  
D. F. BEACH  
Deputy Chief of Staff  
for Administration