

MILITARY VALUE DATA CALL**TECHNICAL CENTERS**

Category	Technical Center/Laboratory
Technical Center Site	AEGIS Technical Representative
Location/Address	Moorestown, NJ

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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.

MISSION STATEMENT: To validate total ship combat design by providing the means for conducting engineering development, testing and evaluation; to monitor production and to accept the AEGIS Weapon System; to integrate and test combat systems equipment and computer programs, and evaluate operational suitability; to provide day-to-day technical management, direction and oversight of AEGIS Program contract efforts at the prime AEGIS Weapon System contractor, and its subcontractors; to provide the fleet interface for interim integrated logistics support; to support initial crew training and OPTEVFOR evaluations; and to perform such other functions and tasks as directed by higher authority.

ESTABLISHING DOCUMENTS:

OPNAV: None
NAVSEA: NAVORD ltr 3920 Ser ORD-0224/PMO-403-41B3/3287:MNR of 5 Apr 74 (Rev 5 to Charter)
OTHER: ASN (RD&A) charter for the AEGIS Program Manager (Direct Reporting dtd 16 Aug 90)

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

N/A

TECHNICAL FUNCTIONS

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

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

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

MANPOWER

4. Work Breakdown Structure.

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

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

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

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

NOTES:

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

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

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

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

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

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**Table 4.1, General Support Resources for
(Activity: AEGIS TECHREP MOORESTOWN NJ (UIC: 39029))**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	552		1		1	
Comptroller				1		
Admin	748		5	22	1	2
Human Resources	4,910		3.5 Note 1a	1	1	0
OPERATIONS SUPPORT						
Supply Management	5,200		3 Note 1b	22		3
Consolidated Computational Computer Support						
Information Systems and Communications	2,200		1	5		9
Safety/OSH/Environmental	2,200					1
INFRASTRUCTURE						
Physical Security	2,600		1	15		1
Public Works/Staff Civil Engr	18,000			20		
Fire Protection						
Medical/Dental	425					1
Military Support	2,000					
Air/Waterfront Operations						
Other				9		
TECHNICAL STAFF						
Technical Operations			14 Note 2	179	1*	49*

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11/30/74

**Table 4.1, General Support Resources for
(Activity: AEGIS TECHREP MOORESTOWN NJ) (UIC: 39029)**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	552		1		1	
Comptroller				1		
Admin	748		5	22	1	2
Human Resources	4,910		3.5 Note 1a	1	1	0
OPERATIONS SUPPORT						
Supply Management	5,200		3 Note 1b	22		3
Consolidated Computational Computer Support						
Information Systems and Communications	2,200		1	5		9
Safety/OSH/Environmental	2,200					1
INFRASTRUCTURE						
Physical Security	2,600		1	15		1
Public Works/Staff Civil Engr	18,000			20		
Fire Protection						
Medical/Dental	425					1
Military Support	2,000					
Air/Waterfront Operations						
Other				9		
TECHNICAL STAFF						
Technical Operations			14 Note 2	179		

Totals	38,835		28.5	274	4* Note 3	66* Note 3
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217
11/30/94

- Notes: (1a) Includes 3.5 civilian workyears provided by WPNSTA Concord in support of TECHREP.
 (1b) Includes 1 civilian workyear provided by WPNSTA Concord in support of TECHREP.
 (2) Includes 2 NSWCD/D personnel on permanent assignment.
 (3) Totals do not include tenant activity (AEGIS Training Unit) personnel (2 officers, 14 enlisted) or allocated space of 19 KSF in relocatable leased space.
 (4) 11.6 KSF of TECHREP space allocated in Prime Contractor's facility.
 (5) 425 SF allocated at WPNSTA Concord.

***Total Military Personnel Onboard was not included due to interpretation of data call question. Corrections reflect total personnel onboard 31 March 94.**

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11/30/94

Totals	38,835		28.5	274	3	17
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- Notes: (1a) Includes 3.5 civilian workyears provided by WPNSTA Concord in support of TECHREP.
- (1b) Includes 1 civilian workyear provided by WPNSTA Concord in support of TECHREP.
- (2) Includes 2 NSWCD/D personnel on permanent assignment.
- (3) Totals do not include tenant activity (AEGIS Training Unit) personnel (2 officers, 14 enlisted) or allocated space of 19 KSF in relocatable leased space.
- (4) 11.6 KSF of TECHREP space allocated in Prime Contractor's facility.
- (5) 425 SF allocated at WPNSTA Concord.

**Table 4.2, General Support Resources for all Detachments
(Activity: AEGIS TECHREP MOORESTOWN NJ) (UIC: 39029)**

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

NOT APPLICABLE

**Table 4.3, Previous BRAC Impact to General Support Resources for
(Activity: AEGIS TECHREP MOORESTOWN NJ) (UIC: 39029)**

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

NOT APPLICABLE

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: **AEGIS TECHREP MOORESTOWN NJ**) (UIC: **39029**)

Highest Degree Attained	Years of Government and/or Military Service					Total
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	
Grade School						
High School					1	1
B.A./B.S		2		3	4	9
M.A./M.S				1	3	4
Ph.D./M.D.						
Total		2		4	8	14

CORRECTED PAGE AS OF 7/18/94.

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: AEGIS TECHREP MOORESTOWN ND (UIC: 39029))**

Highest Degree Attained	Years of Government and/or Military Service					Total
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	
Grade School						
High School						
B.A./B.S		3		3	3	9
M.A./M.S				1	3	5
Ph.D./M.D.						
Total		3		4	6	14

**Table 5.2, Technical Staff Education Level for all Detachments
 (Parent Activity: AEGIS TECHREP MOORESTOWN NJ) (UIC: 39029)**

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

NOT APPLICABLE

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: AEGIS TECHREP MOORESTOWN NJ) (UIC: 39029)**

Academic field	Number
Physics	1
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	12
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	13

CORRECTED PAGE AS OF 7/18/94.

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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: AEGIS TECHREP MOORESTOWN N.J) (UIC: 39029)**

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	4
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	4

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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: AEGIS TECHREP MOORESTOWN N.J) (UIC: 39029)**

Academic field	Number
Physics	1
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	13
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	14

**Table 5.4, Technical Staff Academic Fields for all Detachments
(Parent Activity: AEGIS TECHREP MOORESTOWN NJ) (UIC: 39029)**

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

NOT APPLICABLE

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

The activity is in the center of the New York-Philadelphia-Washington, DC megalopolis which provides an excellent source of labor.

d. List all articles written by the in-house technical staff that were published or accepted for publication in refereed journals since 1 January 1990. **None**

e. List all technical books and/or chapters written by the in-house technical staff that were published or accepted for publication since 1 January 1990. **None**

f. Identify any Nobel laureates employed at this activity. **None**

g. List all non-governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990. **None**

h. List all governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990. **None**

i. List all patents awarded to the in-house technical staff members of this activity since 1 January 1990. **None**

j. List all patents applied for by the in-house technical staff members of this activity since 1 January 1990. **None**

k. Identify any in-house staff that are members of the National Academy of Engineering. **None**

l. Identify any in-house staff that are members of the National Academy of Sciences. **None**

m. How many Cooperative Research and Development Agreements (CRDAs) have been signed by the activity since 1 January 1990? **None**

n. What has been the activity's annual royalty income from CRDAs and patent licenses for each year since 1 January 1990? **None**

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. **None**

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.

See Tab B page 1 of 4.

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.

See Tab B page 1 of 4.

7. General Facilities.

a. Is there any cash revenue generated by this activity? Example: Electricity generated at this activity and sold to the local community. If yes, describe. **No**

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

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

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

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

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

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

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

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

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

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

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

(5) CWE & planned BOD.

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

15 miles - McGuire Air Force Base - Airfield

77 miles - Naval Weapons Station Earle - Pier

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

None

LOCATION

8. Geographic Location.

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

Yes. The AEGIS TECHREP operates the Combat System Engineering Development Site (CSEDS). CSEDS is a unique development, test and evaluation, and training facility providing the only test and integration bed for live and simulated equipment that can fully replicate both the CG-47 and DDG-51 Baseline 4 and up Combat Systems. Its geographic location to the operation areas over the Atlantic Ocean provides the ability to conduct live aircraft flights required to fully test the AEGIS Combat System requirements. The synergy of the facility being located near the prime contractor permits program generation and combat system testing at a significant cost savings to the AEGIS program and provides for co-location of engineers and Navy operators at one site.

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

The Combat System Engineering Development Site (CSEDS) is a U.S. Navy owned and operated development facility for the computer programs that support the AEGIS program. The geographic location of the CSEDS facility is significantly important because of the close proximity of the prime contractor, Martin Marietta. The facility's ability to provide the representative functionality of the AEGIS shipboard equipment configuration removes the requirement for the prime contractor and tactical team training to use shipboard assets.

FEATURES AND CAPABILITIES

9. Computational Facilities.

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

Within the AEGIS TECHREP, AEGIS weapon and combat system development, test and evaluation, is conducted at the Combat System Engineering Development Site (CSEDS). CSEDS contains various simulators, stimulators and portions of real shipboard equipment. All equipment is used to augment and support the AEGIS Combat System equipments during development, integration, demonstration, operational testing and crew training. The AEGIS tactical computer programs are verified and demonstrated at the CSEDS under the most practical and realistic ship conditions, including live air targets in normal and adverse environments. Tactical computer programs are tested in Mil-standard computers which are equivalent to AEGIS shipboard equipment. CSEDS can support both US Cruiser, Destroyer, and Japanese computer program integration simultaneously via computer controlled interface switching for equipment sharing and simulator inputs. Switching capabilities can provide a test configuration from a single element of shipboard equipment to an entire Combat System. The complex switching system comprises over 1000 switches which are necessary for system reconfiguration to support testing of computer programs with tactical and simulated equipment. At the heart of the switching system are two powerful desktop Grid 386/SX computers, one which serves as a ready backup. Switch controllers allow the PCs to select the positions of all available switches providing flexibility of CSEDS space to users. The most prevalent switch types are LLS, and T-Bar. The AEGIS Combat System Interface Simulator (ACSIS) consists of state of the art VAX and Navy militarized computers to simulate elements of the AEGIS Combat and Weapons system providing additional flexibility to support multiple element, system, and training events. Secure data links between CSEDS and the prime contractor facility program generation provide the capability to send programs, patches, and data files directly to CSEDS to be tested on the tactical equipment. Fiber optic links support the new Tactical Graphics System which provides graphic capabilities to tactical consoles. The WorkBench data reduction workstations network and fileserver provide on site data reduction and analysis tools to engineers, testers, and students. This capability is required to reduce recorded data taken during testing and training exercises and analyze the data on site. A video switching network provides the capability for high definition recording and video displays of test operations in the

Combat Information Centers (CIC) to the Test Control Center and test observation centers enabling test directors and data analyzers to witness test performance without entering the CICs.

The AEGIS TECHREP operates a Local Area Network (LAN) which connects CSEDS to its offices in the Prime Contractor's plant via a fiber optic T1 line. Through an access server, the TECHREP LAN is connected to the larger AEGIS program-wide area network. The Local Area Network provides the following capabilities:

- Word Processing
- Spreadsheet
- Electronic Mail (E-Mail)
- Graphics Presentations
- Communications
- Database
- Scheduling

Through a Memorandum of Agreement TECHREP utilizes the Prime Contractor's video teleconferencing facility.

10. Mobilization Responsibility and Capability.

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

No mobilization responsibility is assigned to the site.

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

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

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

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

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

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

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

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

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

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

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

QUALITY OF LIFE

12. Military Housing

(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: **NOTE: AEGIS TECHREP does not operate organic family housing. Family housing is supplied by USATC FT Dix, NJ.**

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	43	43	0	0
Officer	3	163	163	0	0
Officer	1 or 2	80	80	0	0
Enlisted	4+	19	19	0	0
Enlisted	3	448	448	0	0
Enlisted	1 or 2	446	446	0	0
Mobile Homes	22	22	22	0	0
Mobile Home lots	22	22	22	0	0

(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: N/A

What makes it inadequate? N/A

What use is being made of the facility? N/A

What is the cost to upgrade the facility to substandard? N/A

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

Current improvement plans and programmed funding: N/A

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

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

Pay Grade	Number of Bedrooms	Number on List ¹	Average Wait
O-6/7/8/9	1	0	N/A
	2	0	N/A
	3	0	6 MONTHS
	4+	0	1 YEAR
O-4/5	1	0	N/A
	2	0	N/A
	3	0	6 MONTHS
	4+	1	1 YEAR
O-1/2/3/CWO	1	0	N/A
	2	1	6 MONTHS +
	3	1	6 MONTHS +
	4+	1	1 YEAR
E7-E9	1	0	N/A
	2	1	30-90 DAYS
	3	3	60-90 DAYS
	4+	1	1 YEAR
E1-E6	1	0	N/A
	2	27	60-90 DAYS
	3	10	60-90 DAYS
	4+	6	2 YEARS

¹As of 31 March 1994.

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

Top Five Factors Driving the Demand for Base Housing	
1	Cost
2	Condition of Housing
3	Location of Housing
4	Proximity to Facility
5	Security

Lower grades are more conscious of cost.

(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)?

AEGIS TECHREP does not operate organic family housing. Family housing is supplied by USATC FT Dix, NJ.

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

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

(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

(b) **BEQ: NOTE: Bachelor quarters are leased apartments.**

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

Type of Quarters	Utilization Rate
Adequate	89%
Substandard	0
Inadequate	0

(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?

Yes. Recent loss of single personnel accompanied with gain of married personnel.

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

$$\text{AOB} = \frac{(\# \text{ Geographic Bachelors} \times \text{average number of days in barracks})}{365} = 1$$

$$\text{AOB} = 1$$

(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.)	1	100	
Spouse Employment (non-military)	0	0	
Other	0	0	
TOTAL	1	100	

(5) How many geographic bachelors do not live on base? 0

(c) **BOQ: Bachelor quarters are leased apartments.**

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

Type of Quarters	Utilization Rate
Adequate	100%
Substandard	0
Inadequate	0

(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?

No.

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

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

$$\text{AOB} = 0$$

(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.)	0	N/A	
Spouse Employment (non-military)	0	N/A	
Other	0	N/A	
TOTAL	0	100	

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

(d) BOO/BEO Housing and Messing.

N/A. Bachelor quarters are leased apartments.

(1) Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

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

(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:

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?

(3) Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

N/A. Bachelor quarters are leased apartments.

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:

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?

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

N/A. Bachelor quarters are leased apartments.

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:

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?

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

N/A. Bachelor quarters are leased apartments.

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?

13. **MWR Facilities.** For on-base MWR facilities¹⁰ 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.

There are no on-base facilities.

LOCATION N/A DISTANCE N/A

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		

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

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each		
Basketball CT (outdoor)	Each		
Racquetball CT	Each		
Golf Course	Holes		
Driving Range	Tee Boxes		
Gymnasium	SF		
Fitness Center	SF		
Marina	Berths		
Stables	Stalls		
Softball Fld	Each		
Football Fld	Each		
Soccer Fld	Each		
Youth Center	SF		

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

N/A.

14. Base Family Support Facilities and Programs.

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

Family Support Facilities provided by Navy Family Support Center Philadelphia.

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

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

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

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

Current improvement plans and programmed funding:

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

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

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

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs).

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

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

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

City	Distance (Miles)
Philadelphia, PA	17
Wilmington, DE	46
New York, NY	95

16. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	179.73	100.56
E2	179.73	113.02
E3	168.47	124.14
E4	184.43	128.72
E5	200.10	139.71
E6	255.84	174.16
E7	313.40	217.71
E8	356.14	269.24
E9	312.13	236.94
W1	367.79	279.32
W2	341.18	267.60
W3	383.54	311.78
W4	363.37	322.18
O1E	322.02	238.87
O2E	327.83	261.38
O3E	362.39	306.58
O1	276.89	204.03
O2	279.30	218.31
O3	303.07	255.17
O4	368.33	320.30
O5	370.27	306.21
O6	340.87	282.14
O7	273.05	221.85

17. Off-base Housing Rental and Purchase

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

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	500	425	120.00
Apartment (1-2 Bedroom)	650	475	120.00
Apartment (3+ Bedroom)	750	700	140.00
Single Family Home (3 Bedroom)	1200	750	140.00
Single Family Home (4+ Bedroom)	1500	900	140.00
Town House (2 Bedroom)	725	600	120.00
Town House (3+ Bedroom)	1200	800	140.00
Condominium (2 Bedroom)	725	600	140.00
Condominium (3+ Bedroom)	1200	800	140.00

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

Type Rental	Percent Occupancy Rate
Efficiency	90
Apartment (1-2 Bedroom)	85
Apartment (3+ Bedroom)	95
Single Family Home (3 Bedroom)	80
Single Family Home (4+ Bedroom)	85
Town House (2 Bedroom)	80
Town House (3+ Bedroom)	75

Condominium (2 Bedroom)	80
Condominium (3+ Bedroom)	75

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	110,000
Single Family Home (4+ Bedroom)	152,000
Town House (2 Bedroom)	70,000
Town House (3+ Bedroom)	80,000
Condominium (2 Bedroom)	73,000
Condominium (3+ Bedroom)	85,000

(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	12	11	0
February	12	7	3
March	16	22	4
April	14	9	1
May	22	10	7
June	15	18	8
July	24	18	2
August	22	14	5
September	20	21	6

October	12	6	4
November	22	14	3
December	24	16	5

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

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

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
Fire Controlman	0	38
Operations Specialist	0	10
Electronic Warfare Technician	0	4
Sonar Technician	0	5
Gunners Mate Missile	0	1

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

Location	% Employees	Distance (mi)	Time(min)
Maple Shade, NJ	28%	7	12
Fort Dix, NJ	37%	22	30
Medford, NJ	5%	15	30
Mt. Laurel, NJ	4%	1	10
Philadelphia, PA	3%	15	20

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:

(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
Fort Dix Elementary	DODDS	1-3	NO	N/A	N/A	N/A	School Staff
Pemberton, NJ Elementary	Public	1-5	YES	N/A	N/A	N/A	School Staff
Pemberton, NJ Middle School	Public	6-8	YES	N/A	N/A	N/A	School Staff
Pemberton, NJ High School	Public	9-12	YES	N/A	920	98.4%	School Staff

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Burlington County Community College	Day YES	YES	YES	YES	NO	NO
	Night YES	YES	YES	YES	YES	NO
Temple University	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES
Drexel	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES
Rutgers University	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES

(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.

No on-base courses available.

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.

Provide the following data on spousal employment opportunities.

Spousal employment opportunities provided by Family Service Center, Philadelphia Naval Base.

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.

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.

Medical care is provided by Walson Air Force Hospital at Ft. Dix, NJ. Due to its close proximity, access is relatively easy, with the exception of emergency care. Walson does not offer emergency treatment, so personnel must go to nearby civilian hospitals.

Dental care is presently provided by Naval Branch Dental Clinic, Philadelphia, which is scheduled to close. Naval Branch Dental Clinic, Lakehurst will be utilized when the facilities at Philadelphia Naval Base close. Lakehurst is approximately 30 miles away, and access is moderately easy.

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.

Medical care is provided by Walson Air Force Hospital at Ft. Dix, NJ. Due to its close proximity, access is relatively easy, with the exception of emergency care. Walson does not offer emergency treatment, so dependant personnel must utilize nearby civilian hospitals.

Dental care is provided from the civilian health care system via the Delta Dental Plan. Because of the large number of participating dentists in the area, access is very easy.

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.

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

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

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

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

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

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

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	AEGIS Technical Representative
Functional Support Area	3.3 Combat System Integration-Surface
Life Cycle Work Area	5 - RDT&E Management Support

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. 70.10 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) 3163.3

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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) 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.

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	5.2 - Radar Systems
Life Cycle Work Area	5 - RDT&E Management Support

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. 1 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) 18

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	5.2 - Radar Systems
Life Cycle Work Area	4 - Engineering and Manufacturing Development

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. 1.8 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) 190.5

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	10.2 - Logistics Planning and Implementation
Life Cycle Work Area	5 - RDT&E Management Support

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. 0.5 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) 52.9

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	3.3 - Combat System Integration Surface
Life Cycle Work Area	6 - RDT&E Operational Systems Development

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. 6.35 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) 672.3

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	10.2 - Logistics Planning and Implementation
Life Cycle Work Area	6 - Operational Systems Development

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. 1.7 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) 180

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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) 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.

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	2.9 - Fire Control
Life Cycle Work Area	7 - Production

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. 3.55 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)375.9

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)0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K)0

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	3.3 - Combat System Integration Surface
Life Cycle Work Area	10 - Program Support

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. 1.4 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) 148.2

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	2.9 - Fire Control
Life Cycle Work Area	8 - Acceptance Testing

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. 2.25 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) 238.2

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	3.3 - Combat System Integration Surface
Life Cycle Work Area	8 - Acceptance Testing

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. 1.45 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) 153.5

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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) 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.

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	3.3 - Combat System Integration Surface
Life Cycle Work Area	11 - Maintenance

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. 1.1 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) 116.5

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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) 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.

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	10.2 - Logistics Planning and Implementation
Life Cycle Work Area	11 - Maintenance

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. 0.8 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) 84.7

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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

Technical Center Site	AEGIS Technical Representative
Functional Support Area	3.3 - Combat System Integration Surface
Life Cycle Work Area	14 - In-Service Engineering

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. 1.5 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) 158.8

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) 0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. \$(K) 0

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) 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.

TAB B
SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

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

Technical Center Site	AEGIS Technical Representative
Facility/Equipment Nomenclature or Title	Combat System Engineering Development Site

1. State the primary purpose(s) of the facility/equipment.

To validate total Ship Combat System design by providing the means for conducting engineering development, testing and evaluation; to integrate and test combat systems equipment and computer programs, and evaluate operational suitability; to support initial crew training and OPTEVFOR evaluations; and to perform such other engineering and technical functions and tasks as directed by higher authority.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.

The Facility is fixed, however, the equipment is portable.

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.

Replacement value of the Class 2 facility is \$6,494,759 and replacement value of the tactical equipment for support of site operations is \$190,000,000.

4. Provide the gross weight and cube of the facility/equipment.

Facility is fixed thus gross weight is indeterminable, however, the site cube is 898,970 cubic feet.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power. **None.**

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.). **None.**

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7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature, Dry-Air, Chilled Water, HVAC System and RADHAZ Protection System.

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.

The Combat System Engineering Development Site (CSEDS) is a multi-faceted Navy facility operated by AEGIS TECHREP. The primary purpose of CSEDS is to support the baseline development for the AEGIS Cruisers and Destroyers. In this role CSEDS is the only development facility able to provide the test and evaluation resources to support the AEGIS program for Baseline 4 and up. Current and future baseline development would not be available for the modern day AEGIS fleet to meet the present and future world military threats.

CSEDS also plays a major role in the Combat System training of the precommissioning crew operator and maintenance for shipboard crews. Combat Information Center Team Training (CICTT) is conducted at CSEDS for each AEGIS Cruiser and Destroyer. The shipboard personnel undergo intense classroom and on-hands training in all warfare areas. Since CSEDS can replicate all sensor and weapon systems, the site is invaluable for ensuring that the fleet is trained to the best of their ability to "Fight the Ship".

CSEDS is also the only military facility available to conduct development and integration efforts for the Japanese Maritime Self Defense Force (JMSDF). The computer programs for the JMSDF are thoroughly tested using live and simulated equipment. AEGIS TECHREP is solely responsible for the formal acceptance of the JMSDF programs. Training of the JMSDF military and civilian personnel is also conducted at CSEDS. As with the U.S. AEGIS fleet, the JMSDF undergo intense classroom and on-hands training in all warfare areas.

CSEDS is the only facility available where AEGIS Navy operators can meet with AEGIS Design Engineers on a daily basis without having to travel outside a local area.

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Life Cycle Support of fleet reported problems for USN and the JMSDF is conducted at CSEDS. Engineering evaluation and analysis of the computer programs is conducted to replicate and resolve any reported issues. CSEDS is the only facility that is available to adequately test computer programs in a shipboard configuration for Baseline 4 and up.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

The site was built in 1959 and maintained as a Space Tracking Facility by the U.S. Air Force. The site was transferred over to the Navy in May 1977 and was converted to a combat system development 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.

The functional support areas that CSEDS supports are Combat System Integration Section 3.3 (Surface) and Sensors & Surveillance Systems Section 5.2 (Radar Systems).

11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit of measure used.

Average total site hours used for 1989-1993 is 64,681. The unit of measure is user system hours per year allowing for multiple shifts/multiple Baselines per day. The site is open 24 hours a day/seven days a week. Every day except national holidays and in the case of any major maintenance or repair, the site is available to its users.

12. Provide the projected utilization data out to FY1997.

Total projected site hour usage through FY97 is 65,000 utilizing the unit of measure as user system hours per year.

13. What is the approximate number of personnel used to operate the facility/equipment?

Approximately sixty (60) personnel required to operate the facility/equipment.

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14. What is the approximate number of personnel needed to maintain the equipment?

Approximately eighty-four (84) personnel required 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

NOT APPLICABLE

**RANGE RESOURCES
RANGE CAPABILITY FORM**

Technical Center Site	AEGIS Technical Representative
Range Nomenclature or Title	NOT APPLICABLE

1. List all the ranges that your activity maintains and operates. Provide the following information on each range:

NOT APPLICABLE.

- 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).

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1. 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?

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.

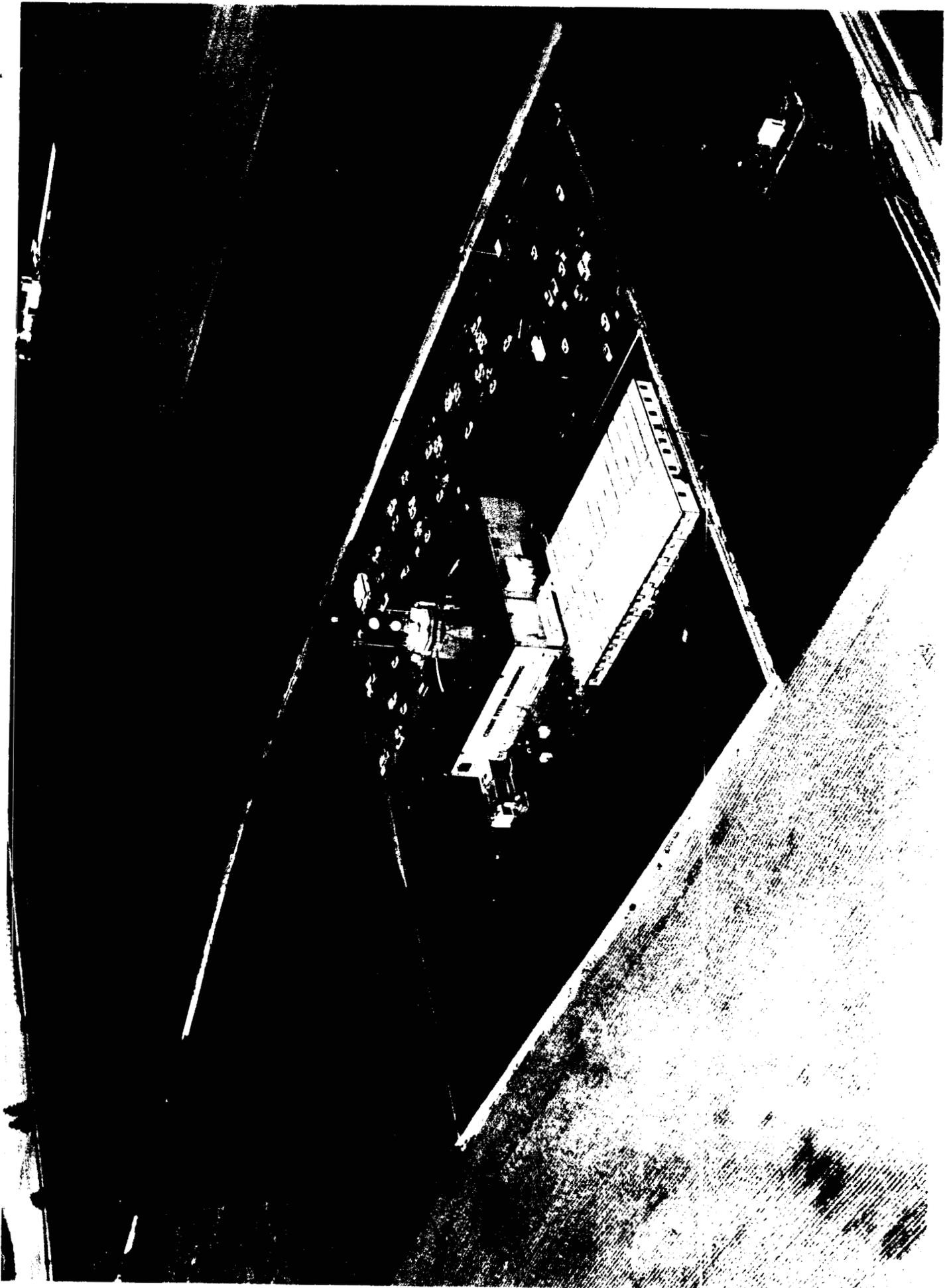
2. Are any of your ranges part of the DoD Major Range and Test Facility Base (MRTFB)? (yes/no) If yes, which ones?

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 (C³I)**
 - 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

- 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

RDT&E

- 1. BASIC RESEARCH
- 2. EXPLORATORY DEVELOPMENT
- 3. ADVANCED DEVELOPMENT
- 4. ENGINEERING AND MANUFACTURING DEVELOPMENT
- 5. RDT&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 (C³I). 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 C³ systems may be internal or external to submarine, airborne, surface, and land-based platforms.

7.1 *Submarine.* C³ systems deployed aboard submarines, or other undersea vehicles.

7.2 *Airborne.* C³ systems deployed aboard aircraft.

7.3 *Shipboard.* C³ systems deployed aboard surface ships.

7.4 *Land-Based.* C³ 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

Appendix B

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, C³I, 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

Appendix B

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.

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

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.

- 10.6.1 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

10.6 *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.

10.5 *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 obscuration found on the battlefield.

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.

10.3 *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.

10.2 *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.

- 10.1.4 Weapons-Related Training Systems
- 10.1.5 Human Resources Research and Development

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 or 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 all 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.

Document Separator

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 not 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.

ACTIVITY CERTIFIED: AEGIS TECH REP MODRESTDWN
DATA CALL #5

JL
SEA 09X
5/12/94

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

NEXT ECHELON LEVEL (if applicable)

J. J. KUESTERS
NAME (Please type or print)
DEPUTY AEGIS PROGRAM MANAGER
Title
AEGIS PROGRAM OFFICE
Activity

J. J. Kuesters
Signature
5/12/94
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)
Title
Activity~~

~~Signature
Date~~

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)
Commander
Title
Naval Sea Systems Command
Activity

G. R. Sterner
Signature
5-13-94
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)

J. B. GREENE JR.
NAME (Please type or print)
ACTING
Title

J. B. Greene Jr.
Signature
9 JUNE 1994
Date

BRAC-95 CERTIFICATION

DATA CALL NUMBER FIVE

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

J. M. CARNEY, CAPT USN
NAME (Please type or print)

"COMMANDER"
Title

AEGIS TECHNICAL REPRESENTATIVE
Activity

JM Carney
Signature

4/30/94
Date

UIC 39029

BRAC-95 CERTIFICATION

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ACTIVITY COMMANDER

D. A. Hammer, CDR USN
NAME (Please type or print)

D. A. Hammer
Signature

"Commander"
Title

8/22/94
Date

AEGIS Technical Representative
Activity

AEGIS TECH REP DATA CALL #5 REVISION
MOORESTOWN NJ

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

NEXT ECHELON LEVEL (if applicable)

JOHN J. KUESTERS

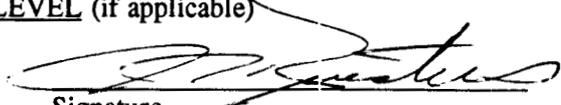
NAME (Please type or print)

DEPUTY AEGIS PROGRAM MANAGER

Title

AEGIS PROGRAM MANAGER (PMS 400)

Activity


Signature

8/2/94
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.

MAJOR CLAIMANT LEVEL

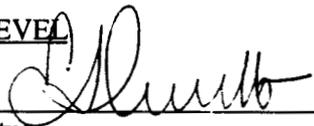
E.S. MCGINLEY, II, ACTING

NAME (Please type or print)

Title

Naval Air Systems Command

Activity


Signature

8/17/94
Date

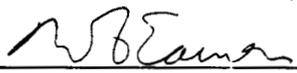
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

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

W. A. EARNER

NAME (Please type or print)

Title


Signature

8/25/94
Date

UIC 39029

BRAC-95 CERTIFICATION

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

ACTIVITY COMMANDER

D. A. HAMMER, CDR USN
NAME (Please type or print)

D. A. Hammer
Signature

"COMMANDER"
Title

18 JUL 94
Date

AEGIS TECHNICAL REPRESENTATIVE
Activity

Enclosure (3)

R

UIC 39029

BRAC-95 CERTIFICATION

DATA CALL NUMBER FIVE

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

L. F. SNYDER
NAME (Please type or print)

L F Snyder
Signature

ACTING AEGIS TECHNICAL REPRESENTATIVE
Title

11/30/94
Date

AEGIS TECHNICAL REPRESENTATIVE
Activity

Enclosure (3)

Document Separator

**CAPACITY ANALYSIS:
DATA CALL #4 WORK SHEET FOR
TECHNICAL CENTER or LABORATORY: AEGIS TECHREP
MOORESTOWN NJ**

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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 (FTP).

**Table 1.1 Historical and Projected Workload for AEGIS TECHREP
MOORESTOWN NJ (UIC 39029)**

Fiscal Year	Total Funds Budgeted (\$K)	Total Funds Received w/o Direct Cite (\$K)	Direct Cite Funds Received (\$K)	Budgeted Wkys	Actual In-House Wkys	Actual Onsite Contract Wkys
86	4,006	3,281	N/A	93.4	67.4	*
87	4,096	3,298	N/A	93.4	66.4	236
88	4,072	3,331	N/A	99.0	70.2	236
89	4,297	3,501	N/A	99.0	69.5	237
90	4,484	3,674	N/A	99.0	69.5	229
91	5,299	4,488	N/A	103.0	77.5	255
92	5,611	4,229	N/A	103.0	73.5	264
93	6,101	5,659	N/A	103.5	97.5	274
94	5,665			97.5		
95	5,948			97.0		
96	6,245			97.5		
97	6,557			97.5		

*Data not Available

Table 1.2 Historical and Projected Workload for Detachments of AEGIS TECHREP MOORESTOWN NJ (UIC 39029)

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

NOT APPLICABLE

**TABLE 1.3 FY 1993 BREAKOUT OF FUNDS BUDGETED for AEGIS TECHREP MOORESTOWN NJ
(UIC 39029)**

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 Note 1	All Other Note 2
PMS 400						3564			5052				13727	2959	3753

Figures in Thousands

Notes: 1 Military Workyear Funding
2 FMS Workyear Funding

**TABLE 1.3 FY 1994 BREAKOUT OF FUNDS BUDGETED for AEGIS TECHREP MOORESTOWN NJ
(UIC 39029)**

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 Note 1	All Other Note 2
PMS 400						3870			5685				14369	2560	5500

Figures in Thousands

Notes: 1 Military Workyear Funding
2 FMS Workyear Funding

**TABLE 1.3 FY 1995 BREAKOUT OF FUNDS BUDGETED for AEGIS TECHREP MOORESTOWN NJ
(UIC 39029)**

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 Note 1
PMS 400						4280		7327				16868	2688	6652

Figures in Thousands
 Notes: 1 Military Workyear Funding
 2 FMS Workyear Funding

**TABLE 1.3 FY 1996 BREAKOUT OF FUNDS BUDGETED for AEGIS TECHREP MOORESTOWN NJ
(UIC 39029)**

SPONSOR	RDT&E(N)							Other r 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 Note 1	All Other Note 2
PMS 400						4262			7532				16232	2822	7461

Figures in Thousands

Notes: 1 Military Workyear Funding
2 FMS Workyear Funding

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

For your Site:

a. Use Table 2.1 below to indicate the total amount of Class 2 space at your site for which you are the plant account holder as of 31 March 1994.

b. Use Table 2.2 below to indicate the total amount of your Class 2 space reported in Table 2.1 that is assigned to your tenant commands and/or independent activities at your site as of 31 March 1994.

c. Use Table 2.3 below to indicate the total amount of Class 2 space, for which you are not the plant account holder, but which is utilized/leased by you (less Detachments). Provide numbered notes to identify the title and UIC of the plant account holder/lessor, quantity of leased space and the associated lease cost.

**Table 2.1 Main Site Class 2 Assets of AEGIS TECHREP MOORESTOWN NJ
(UIC 39029)**

Building type	NAVFAC (P-80) category code	Gross Floor/Building Area (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100	74	0	0	74
Maintenance & Production	200	N/A	N/A	N/A	N/A
Science labs	310	N/A	N/A	N/A	N/A
Aircraft labs	311	N/A	N/A	N/A	N/A
Missile and Space labs	312	N/A	N/A	N/A	N/A
Ship and Marine labs	313	N/A	N/A	N/A	N/A
Ground Transportation labs	314	N/A	N/A	N/A	N/A
Weapon and Weapon Systems labs	315	N/A	N/A	N/A	N/A
Ammunition, Explosives, & Toxics labs	316	N/A	N/A	N/A	N/A
Electrical Equip. labs	317	N/A	N/A	N/A	N/A
Propulsion labs	318	N/A	N/A	N/A	N/A
Miscellaneous labs	319	N/A	N/A	N/A	N/A
Underwater Equip. labs	320	N/A	N/A	N/A	N/A
Technical Services labs	321	N/A	N/A	N/A	N/A
Supply Facilities	400	N/A	N/A	N/A	N/A
Hospital & other Medical	500	N/A	N/A	N/A	N/A
Administrative Facilities	600	N/A	N/A	N/A	N/A
Housing & Community	700	N/A	N/A	N/A	N/A
Utilities & Grounds	800	N/A	N/A	N/A	N/A
Other		N/A	N/A	N/A	N/A
Totals		74	0	0	74

Note: Additionally 11.6 KSF occupied as a "tenant" in the prime contractor's plant.

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

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

NOTE: NO INADEQUATE SPACE AT AEGIS TECHREP MOORESTOWN, NJ.

Table 2.3 Class 2 Space Utilized/Leased by AEGIS TECHREP MOORESTOWN NJ (UIC 39029)

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

NOT APPLICABLE

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. N/A
- 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. N/A
- 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. N/A

Table 2.4 Class 2 Assets of AEGIS TECHREP MOORESTOWN NJ Occupied by Detachments

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

NOT APPLICABLE

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

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

NOT APPLICABLE

Table 2.6 Class 2 Space Utilized/Leased by Detachments of AEGIS TECHREP MOORESTOWN NJ (UIC 39029)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total-adequateTotal
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					
Totals					

NOT APPLICABLE

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

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

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

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, HERC, 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).

See Table 4.1, page 24.

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

Yes, there are constraints, such as additional septic and drain fields would be limited by New Jersey Department of Environmental Protection and Energy (NJDEPE) discharge to ground water permits, zoning restrictions, limited parking, and perimeter security requirements reduce usable space.

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

None.

**Table 4.1 Class 1 Resources of AEGIS TECHREP (UIC: 39029)
Site Location: MOORESTOWN NJ**

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational	1.5	1.5		1.0
Training				
R & D				
Supply & Storage				
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other	6.6	4.6		1.0
Total:	8.1	6.1		2.0

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? 2 Acres. Explain.

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

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

Table 5.1 Base Infrastructure Capacity & Load

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	None	PSE&G	27K	30K
Natural Gas (CFH)	None	PSE&G	20	37
Sewage (GPD)	Septic System	None	2000	2300
Potable Water (GPD)	None	Moorestown	10,900	11,500
Steam (PSI & lbm/Hr)	None	None	N/A	N/A
Long Term Parking	None	None	N/A	N/A
Short Term Parking	315		275 Vehicles	315 Vehicles

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

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

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

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

**Table 5.2 Maintenance, Repair & Equipment Expenditure Data
for AEGIS TECHREP MOORESTOWN NJ (UIC: 39029)**

Fiscal Year	MRP (\$M)	CPV (\$M)	ACE (\$M)
1985	0.015	5.6	165.0
1986	0.375	5.7	192.5
1987	0.526	5.7	192.5
1988	0.150	5.8	192.5
1989	0.052	5.8	192.5
1990	0.0	6.0	212.0
1991	0.088	6.1	233.3
1992	0.067	6.2	256.6
1993	0.525	6.3	282.3
1994	0.565	6.5	310.5
1995	0.622	6.6	341.6
1996	0.684	6.8	375.8
1997	0.753	7.0	413.4

c. Training Facilities:

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

Type of Training Facility/CCN	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
171-35	ATU	COMBAT OPERATOR	350	100	35000	280	80	22400
171-35	FMS	COMBAT OPERATOR	73	32	2336	73	32	2336

A = STUDENTS PER YEAR

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

C = A x B

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

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

Type Training Facility/CCN	Total Number	Design Capacity (PN) ¹	Capacity (Student HRS/YR)
LAB/171-35	1	28	19,600
CLASSROOM/*	9	172	404,544

* Contractor leased trailers (Not Class 2 property)

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

Derived by multiplying the design capacity times the number of available days times the number of hours used per day.

¹ 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

TAB A

SHIP BERTHING CAPACITY

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

TAB A - NOT APPLICABLE

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

¹Original age and footnote a list of MILCON improvements in the past 10 years.
²Use NAVFAC P-80 for category code number.
³Comment if unable to maintain design dredge depth
⁴Water distance between adjacent finger piers.
⁵Indicate if RO/RO and/or Aircraft access.
⁶Describe the additional controls for the pier.
⁷Net explosive weight. List all ESQD waivers that are in effect with expiration date.

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 ¹	Ship Berthing Capacity	Ordnance Handling Pier Capacity ²	IMA Maintenance Pier Capacity ³

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.

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/ Wharf	Typical Steady State Loading ¹	Ship Berthing Capacity	Ordnance Handling Pier Capacity ²	IMA Maintenance Pier Capacity ³

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.

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 AIRFIELD CAPACITY

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

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

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17. [5b.] Summarize average visiting squadron/det loading on 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/ Custodian	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001

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/ Agency/ Custodian	# of Aircraft (PAA)	Aircraft (T/M/S)	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001

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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/ Distance	Types/Uses	Scheduling Authority (UIC)	Fiscal Year	Scheduled	Utilized ¹	Operating Limitations ²
					# Hours	# Hours	
				1991			
				1992			
				1993			
				1991			
				1992			
				1993			
				1991			
				1992			
				1993			

¹ 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.).

² 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.

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 ¹	Ops + Admin Spaces SF/Module	Maint Shops SF/Module (O Level)	Hangar Deck SF/Module	A/C Line parking spaces ^{2,3}		
					#/Module	SF	Elec. Pwr.
TOTAL							

¹ Provide which SQD/Det was assigned to the specific module at receipt of this Data Call. (i.e., VFA-15, Hgr 1, Mod C)

² Dedicated aircraft parking spaces per Module and total square feet (SF) of A/C line parking spaces

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

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.

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

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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

Commodity Groups List	
1. Aircraft Airframes: Rotary VSTOL Fixed Wing Transport / Tanker / Bomber / Command and Control Light Combat Admin / Training Other	7. Ground and Shipboard Communications and Electronic Equipment Radar Radio Communications Wire Communications Electronic Warfare Navigational Aids Electro-Optics / Night Vision Satellite Control / Space Sensors
2. Aircraft Components Dynamic Components Aircraft Structures Hydraulic/Pneumatic Instruments Landing Gear Aviation Ordnance Avionics/Electronics APUs Other	8. Automotive / Construction Equipment
3. Engines (Gas Turbine) Aircraft Ship Tank Blades / Vanes (Type 2)	9. Tactical Vehicles Tactical Automotive Vehicles Components
4. Missiles and Missile Components Strategic Tactical / MLRS	10. Ground General Purpose Items Ground Support Equipment (except aircraft) Small Arms / Personal Weapons Munitions / Ordnance Ground Generators Other
5. Amphibians Vehicles Components (less GTE)	11. Sea Systems Ships Weapons Systems
6. Ground Combat Vehicles Self-propelled Tanks Towed Combat Vehicles Components (less GTE)	12. Software Tactical Systems Support Equipment
	13. Special Interest Items Bearings Refurbishment Calibration (Type I) 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 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Total:								

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

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Total:								

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

Commodity Type	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Total:								

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

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Total:								

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:							

Table 1.2.b: Maximum Potential Depot/Industrial Workload

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Total:								

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

<i>FY 1995</i> Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Total	N / A	N / A	N / A			

¹ 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 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Total	N / A	N / A	N / A			

¹ 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 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Total	N / A	N / A	N / A			

¹ 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 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Total	N / A	N / A	N / A			

¹ 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 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Total	N / A	N / A	N / A			

¹ 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 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Total	N / A	N / A	N / A			

¹ 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

<i>FY 1993</i>	Core Workload (DLMHs)			
Commodity Type	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Total:				

Table 2.1.b: Workload Requirements FY 1994

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

Table 2.1.c: Workload Requirements FY 1995

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

Table 2.1.d: Workload Requirements FY 1996

FY 1996 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Total:				

Table 2.1.e: Workload Requirements FY 1997

<i>FY 1997</i>	Core Workload (DLMHs)			
Commodity Type	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Total:				

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
Total:				

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

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

Table 2.1.h: Workload Requirements FY 2000

FY 2000 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Total:				

Table 2.1.i: Workload Requirements FY 2001

<i>FY 2001</i>	Core Workload (DLMHs)			
Commodity Type	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Total:				

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 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1993 Total:							

Table 2.2.b: Directed Workloads - FY 1994

FY 1994 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1994 Total:							

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Table 2.2.c: Directed Workloads - FY 1995

FY 1995 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1995 Total:							

Table 2.2.d: Directed Workloads - FY 1996

FY 1996 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1996 Total:							

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Table 2.2.e: Directed Workloads - FY 1997

FY 1997 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1997 Total:							

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Table 2.2.f: Directed Workloads - FY 1998

FY 1993 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1998 Total:							

Table 2.2.g: Directed Workloads - FY 1999

FY 1999 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1999 Total:							

TAB C - PART II
 Page ___ of ___
 UIC: 39029

Table 2.2.h: Directed Workloads - FY 2000

FY 2000 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 2000 Total:							

TAB C - PART II
Page ___ of ___
UIC: 39029

Table 2.2.i: Directed Workloads - FY 2001

FY 2001 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 2001 Total:							

TAB C - PART II
 Page ___ of ___
 UIC: 39029

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.

TAB C - PART II
Page ___ of ___
UIC: 39029

TAB D

ORDNANCE STORAGE CAPACITY

TAB D - NOT APPLICABLE

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 Nuclear	LOE: Small Arms (up to 50 cal.)
Surface Launched	Tactical Nuclear	LOE: Pyro/Demo
Threat		Grenades/Mortars/Projectiles

1. Ordnance Stowage and Support

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 FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
TOTAL						

TAB D
Page of
UIC: 39029

TAB D
Page__of__
UIC: 39029

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? (Y / N)	Type of Commodity	DLMHs
Maintenance (specify level)			
Testing			
Manufacturing			
Outload			
Technical Support			

TAB D
Page **of**
UIC: 39029

ACTIVITY CERTIFIED: AEGIS TECH REP MODRESTOWN
DATA CALL # 4

JL
SEA OX
5/12/94

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

NEXT ECHELON LEVEL (if applicable)

J. J. KUESTERS
NAME (Please type or print)
DEPUTY AEGIS PROGRAM MGR
Title
AEGIS PROGRAM OFFICE
Activity

J. J. Kuesters
Signature
5/12/94
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)
Title
Activity~~

~~Signature
Date~~

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)
Commander
Title
Naval Sea Systems Command
Activity

G. R. Sterner
Signature
5-13-94
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)

J. B. Greene, Jr.
NAME (Please type or print)
ACTING
Title

J. B. Greene Jr.
Signature
2 JUN 94
Date

UIC 39029

BRAC-95 CERTIFICATION

DATA CALL NUMBER FOUR

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.

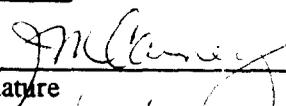
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

J. M. CARNEY, CAPT USN
NAME (Please type or print)

"COMMANDER"
Title

AEGIS TECHNICAL REPRESENTATIVE
Activity


Signature

4/30/94
Date

Document Separator

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**DATA CALL 66
INSTALLATION RESOURCES**

Activity Information:

Activity Name:	AEGIS TECHNICAL REPRESENTATIVE
UIC:	39029
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

**DATA CALL 66
INSTALLATION RESOURCES**

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: AEGIS TECHNICAL REPRESENTATIVE		UIC: 39029	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	984	1251	2235
1b. Minor Construction	377	377	754
1c. Sub-total 1a. and 1b.	1361	1628	2989
2. Other Base Operating Support Costs:			
2a. Utilities	777		777
2b. Transportation			
2c. Environmental		10	10
2d. Facility Leases (modules)	165		165
2e. Morale, Welfare & Recreation	5		5
2f. Bachelor Quarters	308		308
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration		1974	1974
2j. Other (Specify)		3274 ¹	3274
2k. Sub-total 2a. through 2j:	1255	5258	6513
3. Grand Total (sum of 1c. and 2k.):	2616	6886	9502

NOTE: 1 Includes MPN, purchased (government) support at WPNSTA Concord and contract furnished (security guards, boiler operators, cleaners)

**DATA CALL 66
INSTALLATION RESOURCES**

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

<u>Appropriation</u>	<u>Amount (\$000)</u>
RDT&E	\$1336
SCN	2003
FMS	862
MPN	2027
OM&N	2270
CONTRACTOR FURNISHED	1004

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

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

**DATA CALL 66
INSTALLATION RESOURCES**

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: AEGIS TECHNICAL REPRESENTATIVE		UIC: 39029	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (> \$15K)			
1b. Real Property Maintenance (< \$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)		1680 ¹	1680
2m. Sub-total 2a. through 2l:		1680	1680
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :	N/A	1680	1680

NOTE: 1 Represents a portion of PMS 400 O&MN civil service salary funding for AEGIS TECHREP used for overhead at WPNSTA Concord.

**DATA CALL 66
INSTALLATION RESOURCES**

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

Table 2 - Services/Supplies Cost Data	
Activity Name: AEGIS TECHNICAL REPRESENTATIVE	UIC: 39029
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	121.1
Material and Supplies (including equipment):	160.6
Industrial Fund Purchases (other DBOF purchases):	0.0
Transportation:	0.4
Other Purchases (Contract support, etc.):	24255.4
Total:	24537.5

**DATA CALL 66
INSTALLATION RESOURCES**

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: AEGIS TECHNICAL REPRESENTATIVE	
UIC: 39029	
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	0.0
Facilities Support:	39.0
Mission Support:	141.0
Procurement:	0.0
Other:*	0.0
Total Workyears:	180.0

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

**DATA CALL 66
INSTALLATION RESOURCES**

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

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

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2) Estimated number of workyears which would be eliminated:

0

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

3

**DATA CALL 66
INSTALLATION RESOURCES**

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

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	NONE

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

UIC 39029

BRAC-95 CERTIFICATION

DATA CALL NUMBER SIXTY-SIX

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.

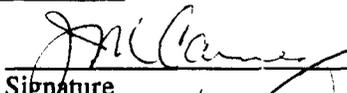
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

J. M. CARNEY, CAPT USN
NAME (Please type or print)

"COMMANDER"
Title

AEGIS TECHNICAL REPRESENTATIVE
Activity


Signature
7/14/94
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)

JOHN J. KUESTERS
NAME (Please type or print)
DEPUTY AEGIS PROGRAM MANAGER
Title

John J. Kuesters
Signature
7/19/94
Date

AEGIS PROGRAM MANAGER (PMS 400)
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)
Title
Activity~~

~~Signature
Date~~

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)
Commander
Title Naval Sea Systems Command
Activity

G. R. Sterner
Signature
7/29/94
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)

J. B. GREENE, JR.

NAME (Please type or print)
ACTING
Title

J. B. Greene, Jr.
Signature
22 AUG 1994
Date

Document Separator

Document Separator

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**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.

Activity Name:	AEGIS Technical Representative
UIC:	39029
Major Claimant:	AEGIS Program Manager (PMS 400)

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.

Average Appropriated Fund Civilian Salary Rate:	\$59,144 (Note 1)
--	------------------------------

Note 1: Assigned civilian personnel are not included in UIC 39029; however, data attributable to civilian personnel are included for completeness. 27 billets are assigned to AEGIS TECHREP on a permanent basis. These billets are part of NWS Concord's staffing (Code 50) and the incumbents report to AEGIS TECHREP for duty under a MOA. Civilian personnel are vital for mission accomplishment.

Source of Data (1.a. Salary Rate): D. M. Getty (AEGIS TECHREP Code NA5)
--

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".

County 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			
UIC 39029 (Military Only)						
Burlington	NJ	70		67.30	15	20
Assigned Civilian Personnel (Notes 1, 3)						
Camden	NJ		4	3.85	15	30
Burlington	NJ		11	10.57	15	20
Other			2	1.92	33	45
Philadelphia	PA		2	1.92	18	30
Tenant Activity (Note 2) (ATU Moorestown, UIC 43980)						
Burlington	NJ	13		12.50	15	20
Camden	NJ	1		0.97	15	30
Philadelphia	PA	1		0.97	18	30

= 100%

Note 1: Assigned civilian personnel are not included in UIC 39029; however data attributable to civilian personnel are included for completeness. 27 billets are assigned to AEGIS TECHREP on a permanent basis. These billets are part of NWS Concord's staffing (Code 50) and the incumbents report to AEGIS TECHREP for duty under a MOA. Civilian personnel are vital for mission accomplishment.

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Note 2: Data attributable to assigned Tenant Activity, AEGIS Training Unit is included for completeness.

Note 3: 3 civilian employees assigned to AEGIS TECHREP field offices in Great Neck, NY and Wayland, MA are not included.

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:

Note: AEGIS TECHREP does not operate organic family housing. Family housing is supplied by USATC, Ft. Dix, NJ.

**Source of Data (1.b. 1) & 2) Residence Data):LT R. C. Wester
(AEGIS TECHREP Code NB)**

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 (miles)
Philadelphia, PA	Philadelphia	21
Camden, NJ	Camden	15
Wilmington, DE	New Castle	46

Source of Data (1.c. Metro Areas): D. M. Getty (AEGIS TECHREP Code NA5)

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.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years		
20 - 24 Years		
25 - 34 Years	2	9
35 - 44 Years	5	23
45 - 54 Years	9	41
55 - 64 Years	6	27
65 or Older		
TOTAL	22	100 %

Source of Data (1.d.) Age Data): D. M. Getty (AEGIS TECHREP Code NA5)
--

**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.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less		
9th through 11th Grade		
12th Grade or High School Equivalency	5	23
1-3 Years of College		
4 Years of College (Bachelors Degree)	13	59
5 or More Years of College (Graduate Work)	4	18
TOTAL	22	100 %

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").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	
Associate Degree	
Bachelor Degree	13
Masters Degree	4
Doctorate	

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data):
D. M. Getty (AEGIS TECHREP Code NA5)

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
1. Agriculture, Forestry & Fishing	01-09		
2. Construction (includes facility maintenance and repair)	15-17		
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34		
3b. Aircraft (includes engines and missiles)	3721 et al		
3c. Ships	3731		
3d. Other Transportation (includes ground vehicles)	various		

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		
Sub-Total 3a. through 3e.	20-39		
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40		
4b. Motor Freight Transportation & Warehousing (includes supply services)	42		
4c. Water Transportation (includes organizational level maintenance)	44		
4d. Air Transportation (includes organizational level maintenance)	45		
4e. Other Transportation Services (includes organizational level maintenance)	47		
4f. Communications	48		
4g. Utilities	49		
Sub-Total 4a. through 4g.	40-49		
5. Services	70-89		
5a. Lodging Services	70		
5b. Personal Services (includes laundry and funeral services)	72		
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73		
5d. Automotive Repair and Services	75		
5e. Other Misc. Repair Services	76		

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Industry	SIC Codes	No. of Civilians	% of Civilians
5f. Motion Pictures	78		
5g. Amusement and Recreation Services	79		
5h. Health Services	80		
5i. Legal Services	81		
5j. Educational Services	82		
5k. Social Services	83		
5l. Museums	84		
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	22	100
5n. Other Misc. Services	89		
Sub-Total 5a. through 5n.:	70-89		
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91		
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92		
6c. Public Finance	93		
6d. Environmental Quality and Housing Programs	95		
Sub-Total 6a. through 6d.			
TOTAL		22	100 %

**Source of Data (1.f.) Classification By Industry Data):
J. A. Way (AEGIS TECHREP Code NA)**

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
1. Executive, Administrative and Management	1	5
2. Professional Specialty		
2a. Engineers	15	68
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
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 (Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	15	68
3. Technicians and Related Support	0	0
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	0	0
Sub-Total 3a. and 3b.:	0	0
4. Administrative Support & Clerical	6	27
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	22	100 %

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.g.) Classification By Occupation Data):
J. A. Way (AEGIS TECHREP Code NA)

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 servicers 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; tilesetters.
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.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; 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:	63%
2. Percentage of Military Spouses Who Work Outside of the Home:	66%
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:	0
3b. Employed "On-Base" - Non-Appropriated Fund:	0
3c. Employed "Off-Base" - Federal Employment:	24%
3d. Employed "Off-Base" - Other Than Federal Employment	76%

<p>Source of Data (1.h.) Spouse Employment Data): LT R. C. Wester (AEGIS TECHREP Code NB)</p>
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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	A	A	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.

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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.

<p>Source of Data (2.a. 1) & 2) - Local Community Table): J. A. Way (AEGIS TECHREP Code NA)</p>

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	A	A	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.

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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.

<p>Source of Data (2.b. 1) & 2) - Regional Table): J. A. Way (AEGIS TECHREP Code NA)</p>
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**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

3. Public Facilities Data:

- a. **Off-Base Housing Availability.** For the counties identified in the response to question 1.b. (page 3), 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:

	<u>Burlington County</u>	<u>Camden County</u>
Rental Units:	Not Available	Not Available
Units for Sale:	4,048	5,170
	\$130,640 (Median Price)	\$112,110 (Median Price)

Note: Data not included; this location is not considered within the geographic/commuting area and does not service any of our employees. To include this location, data would be skewed away from the area which is most impacted by the facility (i.e., Burlington/Camden Counties).

**Source of Data (3.a. Off-Base Housing):
Burlington County Board of Realtors (609) 829-0071**

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

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 response to question 1.b. (page 3).

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Pemberton, Lenape, Cinnaminson (Note 1)	Burlington	11	1	16	62000	N/A	22:1	24:1	Yes
Cherry Hill, Voorhees, Gloucester Township, (Note 1)	Camden	114	12	20	84000	N/A	22:1	27:1	Yes
	Philadelphia (Note 2)								

* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.

Note 1: School districts listed service our employees. Numbers listed are for entire county.

Note 2: Data not included; this location is not considered within the geographic/commuting area and does not service any of our employees. To include this location, data would be skewed away from the area which is most impacted by the facility (i.e., Burlington/Camden Counties).

**Source of Data (3.b.1) Education Table): Burlington County Office of Education;
Camden County Office of Education**

2) Are there any on-base "Section 6" Schools? If so, identify number of schools and current enrollment.

N/A

Source of Data (3.b.2) On-Base Schools): N/A

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

3) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees :

BURLINGTON COUNTY

1. Burlington County College

CAMDEN COUNTY

1. Rutgers University at Camden
2. Camden County College
3. Camden County Community College
4. University of Medicine & Dentistry of NJ

Note: Data not included; this location is not considered within the geographic/commuting area and does not service any of our employees. To include this location, data would be skewed away from the area which is most impacted by the facility (i.e., Burlington/Camden Counties).

Source of Data (3.b.3) Colleges): LT R. C. Wester (AEGIS TECHREP Code NB)
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4) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names and major curriculums of vocational/technical training schools:

1. Burlington County Vocational & Technical
2. Camden County Vocational & Technical

(Curriculums for 1 & 2)

- | | | |
|----------------------------|----------------|-------------|
| 1. Electricity/Electronics | 4. Cosmetology | 7. Diesel |
| 2. Data Processing | 5. Auto Tech | 8. Auto CAD |
| 3. Computer | | |

Note: Data not included; this location is not considered within the geographic/commuting area and does not service any of our employees. To include this location, data would be skewed away from the area which is most impacted by the facility (i.e., Burlington/Camden Counties).

Source of Data (3.b.4) Vo-tech Training): Burlington Co. Office of ED
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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

c. Transportation.

1) Is the activity served by public transportation?

	<u>Yes</u>	<u>No</u>
Bus:	<u>X</u>	<u> </u>
Rail:	<u> </u>	<u>X</u>
Subway:	<u> </u>	<u>X</u>
Ferry:	<u> </u>	<u>X</u>

Source of Data (3.c.1) Transportation): N. J. Transit Authority

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.

30th Street, Philadelphia, PA - 26 miles

Source of Data (3.c.2) Transportation): J. A. Way (AEGIS TECHREP Code NA)

3) Identify the name and location of the nearest commercial airport (with public carriers, e.g., USAIR, United, etc.) and the distance from the activity to the airport.

Philadelphia International - 29 miles

Source of Data (3.c.3) Transportation): J. A. Way (AEGIS TECHREP Code NA)

4) How many carriers are available at this airport?

12

Source of Data (3.c.4) Transportation): J. A. Way (AEGIS TECHREP Code NA)

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway?

Interstate 295 - 1 1/2 miles

Source of Data (3.c.5) Transportation): LT R. C. Wester (AEGIS TECHREP Code NB)
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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.)

Good - No congestion - 1 Gate

b) Do access roads transit residential neighborhoods?

Yes

c) Are there any easements that preclude expansion of the access road system?

No

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)?

No

Source of Data (3.c.6) Transportation): LT R. C. Wester (AEGIS TECHREP Code NB)
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**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

- 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.

No written agreement

Source of Data (3.d. Fire/Hazmat): A. Fletcher, MM Security (609) 722-7330

- e. **Police Protection.**

- 1) What is the level of legislative jurisdiction held by the installation?

Concurrent jurisdiction

- 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.

No separate agreement

- 3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?

No

- 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.

N/A

- 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.

None

Source of Data (3.e. 1) - 5) - Police): LT R. C. Wester (AEGIS TECHREP Code NB)
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**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

f. Utilities.

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.

Moorestown, NJ Municipal Utilities - City Water - Residential Service Agreement

Martin Marietta Subcontract for Private Refuse/Trash Hauler

**PSE&G - Electric - High Tension Service User Agreement,
Special Rate, Limited Loss of Power Agreement (No Brownout/
No Blackout)**

PSE&G - Natural Gas - Commercial User

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. Were activity operations affected by these situations? If so, explain extent of impact.

No water rationing or interruption of delivery during the last five years.

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. Were activity operations affected by these situations? If so, explain extent of impact.

No significant disruptions in utility service during the last five years.

Source of Data (3.f. 1) - 3) Utilities): D. T. Hoffman (AEGIS TECHREP Code NAE)

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**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

4. **Business Profile.** List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

Employer	Product/Service	No. of Employees
1. Department of the Army	Military	9792
2. Department of the Air Force	Military	7000
3. Martin Marietta Aerospace	Electronics	7000
4. State of New Jersey	Government	4000
5. West Jersey Health Systems	Medical Services	3856
6. Cooper Hospital University Med Ctr	Medical Services	3200
7. Nexus Healthcare	Medical Services	1800
8. County of Burlington	Government	1657
9. Campbell Soup	Food	1500
10. Our Lady of Lourdes Med Ctr	Medical Services	1396

Note: Data not included; this location is not considered within the geographic/commuting area and does not service any of our employees. To include this location, data would be skewed away from the area which is most impacted by the facility (i.e., Burlington/Camden Counties).

Source of Data (4. Business Profile):

- New Jersey State Department of Commerce and Economic Department Division of Economic Development
- Camden County Department of Economic Development
- Burlington County Department of Economic Development

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

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 your response to question 1.b. (page 3), in the aggregate:

a. Loss of Major Employers:

In Burlington County Ft. Dix had a major force reduction. Camden County Campbell Soup Plant closure. In Philadelphia the Philadelphia Naval Shipyard is closing.

b. Introduction of New Businesses/Technologies:

None.

c. Natural Disasters:

None.

d. Overall Economic Trends:

New job trend is highest in graphics and food businesses.

Note: Data not included; this location is not considered within the geographic/commuting area and does not service any of our employees. To include this location, data would be skewed away from the area which is most impacted by the facility (i.e., Burlington/Camden Counties).

Source of Data (5. Other Socio/Econ):

- New Jersey State Dept. of Commerce and Economic Department Division of Economic Development
- Camden County Department of Economic Development
- Burlington County Department of Economic Development

6. Other. Identify any contributions of your activity to the local community not discussed elsewhere in this response.

AEGIS TECHREP Adopt a School Program.

Source of Data (6. Other):LT R. C. Wester (AEGIS TECHREP Code NB)

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

NEXT ECHELON LEVEL (if applicable)

JOHN J. KUESTERS
NAME (Please type or print)

John J. Kuesters
Signature

DEPUTY AEGIS PROGRAM MANAGER
Title

7/19/94
Date

AEGIS PROGRAM MANAGER (PMS 400)
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)

G. R. Sterner
Signature

Systems Command
Title

7-25-94
Date

Activity

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

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

W. A. EARNER
NAME (Please type or print)

W. A. Earner
Signature

Title

8/6/94
Date

UIC 39029

BRAC-95 CERTIFICATION

DATA CALL NUMBER SIXTY-FIVE

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

J. M. CARNEY, CAPT USN
NAME (Please type or print)


Signature

"COMMANDER"
Title

7/11/94
Date

AEGIS TECHNICAL REPRESENTATIVE
Activity

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DATA CALL 63
FAMILY HOUSING DATA

194

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

Installation Name:	NSEAOSD T/A MOTW
Unit Identification Code (UIC):	39029
Major Claimant:	NAVSEA

Percentage of Military Families Living On-Base:	0
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget (\$000):	0
Total Number of Officer Housing Units:	0
Total Number of Enlisted Housing Units:	0

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.

Enclosure (1)

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)

Jack Buffington
Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

W. A. Earner
Signature

Title

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 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

W.A. Waters, CAPT, CEC, USN
NAME (Please type of print)

Commanding Officer
Title

NORTHNAVFACENGCOM
Activity



Signature
7/7/99

Date

BRAC-95 CERTIFICATION

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

Sandra B. Culbertson
NAME (Please type or print)

Sandra B. Culbertson
Signature

Housing Management Specialist
Title

7/6/94
Date

Division

Housing/Real Estate
Department

NORTHNAVFACENCOM
Activity

Enclosure (1)

Document Separator

DATA CALL 1: GENERAL INSTALLATION INFORMATION

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

• Name

Official name	<i>NAVAL SEA Operations Support Detachment Technical Representative AEGIS TECHREP/CSEDS, Moorestown, NJ</i>
Acronym(s) used in correspondence	<i>NSEAOPSUPDET TREP/AGIS C MOTWN AEGIS TECHREP</i>
Commonly accepted short title(s)	<i>AEGIS TECHREP</i>

• Complete Mailing Address

AEGIS Technical Representative
PMS 400N
199 Borton Landing Road
P. O. Box 1015
Moorestown, NJ 08057-0900

• PLAD AEGIS TECHREP MOORESTOWN NJ

• PRIMARY UIC: 39029 (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): N/A PURPOSE: N/A
N/A N/A
N/A N/A

2. PLANT ACCOUNT HOLDER:

• Yes X No _____ (check one)

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

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

• Yes X No (check one)

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

• Yes No X (check one)

• Primary Host (current) UIC: N/A

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

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

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

• Yes No X (check one)

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

Name	Location	UIC
N/A No Class 1/Class 2 property exists outside main complex	N/A	N/A

UIC 39029

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

Name	UIC	Location	Host name	Host UIC
Great Neck Office	39029	Great Neck, NY	Unisys Corp.	N/A
Wayland Office	39029	Wayland, MA	Raytheon Company	N/A

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.

- Not affected by previous Base Closure and Realignment decisions.

UIC 39029

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

- Maintain surveillance of AEGIS Combat System development and design.
- Provide engineering and liasion at the AEGIS Prime Contractor's facility (Martin Marietta, Moorestown, NJ) required to define and establish performance from design through delivery of AEGIS equipment and computer programs.
- Review and approve AEGIS test plans, procedures, and reports.
- Monitor manufacturing efforts.
- Coordinate delivery and shipment of all AEGIS Weapon Systems (AWS).
- Approve and witness all production acceptance testing of AWS.
- Direct AEGIS Foreign Military Sales (FMS) maintenance of computer programs installed in FMS ships.
- Manage the remote TECHREP offices at Raytheon Company, Wayland, MA and Unisys Corporation, Great Neck, NY.
- Provide technical support to DPRO, Martin Marietta, Moorestown, NJ.
- Provide support to NSWCD/D for computer program redeliveries.
- Provide a facility, the Combat System Engineering Development Site (CSEDS), for AEGIS Combat Systems Development, cruiser and destroyer crew team training and Lifetime Support Engineering.

Projected Missions for FY 2001

- No change.

UIC 39029

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

- Technically review, approve and accept AEGIS specifications developed under all AEGIS contracts, including FMS AEGIS systems.
- Plan and conduct demonstrations of the AEGIS Weapon System at CSEDS leading to acceptance of these systems and computer programs.
- Manage the overall Test Development Effort and provide all AEGIS combat system tests to the AEGIS Shipbuilders.
- Manage AEGIS Depot Operations (ADO) Pat Moorestown, NJ provide interim logistics support for the AWS.
- Coordinate on-site field service engineering.
- Provide Administrative and training support for the AEGIS Training Unit (ATU), Moorestown. ATU is a tenant activity.
- Test facility for NSWCD/D computer program redelivery testing.
- Training facility for ATC AEGIS Destroyer crew training.
- Test facility for AEGIS combat system experiments for APL/JHU.
- Fleet logistics support at ADO for AEGIS ships under construction and commissioned.
- Test facility for AEGIS PARMs.
- Command has no national command authority or classified mission responsibilities.

Projected Unique Missions for FY 2001

- No change.

UIC 39029

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>4</u>	<u>71</u>	<u>22</u>
● Tenants (total)	<u>2</u>	<u>15</u>	<u>0</u>

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
● Reporting Command	<u>6</u>	<u>71</u>	<u>27</u>
● Tenants (total)	<u>4</u>	<u>49</u>	<u>0</u>

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

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
● CO/OIC <u>CAPT James M. Carney</u>	(609) 722-2424	(609) 234-3467	(609) 346-0395
● Duty Officer (@ CSEDS)	(609) 722-2236	(609) 234-3467	[N/A]
● Deputy/Technical Director <u>John A. A. Way</u>	(609) 722-2247	(609) 234-3467	(609) 234-3927

UIC 39029

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
AEGIS Training Unit	43980	2	15	0
AEGIS Training Unit (Student)	43506	2	34	0

- Tenants residing on main complex (homeported units.)

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

- Tenants (Other than those identified previously)

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

UIC 39029

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.)
<i>NSWCD/D</i>	<i>Dahlgren, VA</i>	<i>Provide test facility - ISSA.</i>
<i>DPRO Martin Marietta</i>	<i>Moorestown, NJ</i>	<i>Provide technical support - MOU.</i>
<i>DPRO Unisys</i>	<i>Great Neck, NY</i>	<i>Provide technical support - MOU.</i>
<i>DPRO Raytheon</i>	<i>Wayland, MA</i>	<i>Provide technical support - MOU.</i>
<i>AEGIS Depot Operations</i>	<i>Moorestown, NJ</i>	<i>Provide interim fleet logistics support - Contract.</i>

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

- 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 1/2 copies.)

UIC 39029

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

NEXT ECHELON LEVEL (if applicable)

J. J. KUESTERS
NAME (Please type or print)
AEGIS Program Manager (Acting)
Title
DRPM AEGIS
Activity

J. J. Kuesters
Signature
2/4/94
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)
Title
Activity~~

~~Signature
Date~~

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

MAJOR CLAIMANT LEVEL

K. P. Malley
NAME (Please type or print)
Commander
Title
Naval Sea Systems Command
Activity

K. P. Malley
Signature
2/16/94
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)**

S. F. Loftus
Vice Admiral, U.S. Navy
NAME (Please type or print)
Operations (Logistics)
Title

S. F. Loftus
Signature
23 FEB 1994
Date

UIC 39029
BRAC-95 CERTIFICATION
DATA CALL 1

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

James M. Carney, CAPT, USN

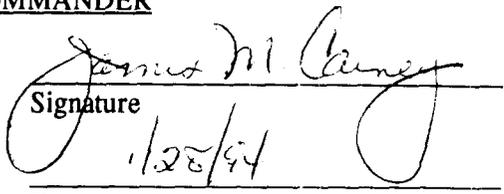
NAME (Please type or print)

"Commander"

Title

AEGIS Technical Representative

Activity


Signature

1/28/94
Date

ENCLOSURE (2)

Document Separator

AEGIS
Tech Rep

194

**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**

INDEX

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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 UICs that are covered in this response.

AEGIS Training Unit (UIC 43980).

AEGIS Training Unit (Student) (UIC 43506).

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.

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
<i>example: Haliaeetus leucocephalus - bald eagle</i>	<i>threatened</i>	<i>Federal</i>	<i>25</i>	<i>0</i>
NONE				

Source Citation: _____

1b.

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	YES/NO NO
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.	YES/NO NO

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.

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.	YES/NO NO
--	------------------

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.	YES/NO NO
---	------------------

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?	YES/NO NO
Has a wetlands survey in accordance with established standards been conducted for your base?	YES/NO NO
When was the survey conducted or when will it be conducted? ____ / ____ / ____	
What percent of the base has been surveyed?	
What is the total acreage of jurisdictional wetlands present on your base?	

Source Citation: _____

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.

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.	YES/NO NO
--	--------------

3b.

YES/NO

<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>YES/NO 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>YES/NO 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.

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

¹ 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.

No landfill.

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					YES/NO 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) ?					YES / NO 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.

Do not discharge to the local sanitary sewer authority.

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					YES / NO NO
ID/Location of IWTP	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status
NONE					

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.

Yes. Two drywells (A & B) which receive flow from cooling towers, rainwater, and boiler blowdown. Both the cooling tower and boiler blowdown contain anti-fouling chemical additives. The capacity is being permitted at 10,000 gal/day. Two drywells (C & D) are used for rainwater and water fountain runoff. Rainwater does not come in contact with any hazardous material or contaminants. The Septic System with leach field receives only sanitary wastewater at an average flow of 6,000 gal/day. The septic system capacity is 10,000 gal.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?				YES / NO NO	
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			
NONE					

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.

Water source is Moorestown City Water Works. No terms and limitations. Contract for normal billing. Average use 11,000 gal/day. Peak is 12,000 gal/day.

4j.

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

4k.

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

A New Jersey Pollutant Discharge Elimination System-Discharge to Ground Water (NJPDES-DGW) permit application (Application No. NJ01033535) was submitted on 21 April 93 for Drywells A & B and the Septic System. The application is in process. A draft was issued for review and public comment on 19 April 94. The final permit is anticipated to be issued by July-August 94.

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.	YES/NO 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.

No planned expansion.

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

NO.

5. AIR POLLUTION

5a.

<p>What is the name of the Air Quality Control Areas (AQCA) in which the base is located? PHIL-WLM-TRE CMSA (Philadelphia Metro Area)</p>
<p>Is the installation or any of its OLFs or non-contiguous base properties located in different AQCA's? <u>NO</u>. List site, location and name of AQCA.</p>

5b. For each parcel in a separate AQCA fill in the following table. Identify with an "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.

Site: Combat System Engineering Development Site AQCA: PHIL-WLM-TRE CMSA

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year ¹	Comments ²
CO	X				
Ozone		SEVERE 1		2005	NOT DEPENDENT ON BRACON, MILCON, OR SPECIAL PROJECTS
PM-10	X				
SO ₂	X				
NO ₂	X				
Pb	X				

¹ Based on national standard for Non-Attainment areas or SIP for Maintenance areas.

² 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, NO_x, 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	0.020	2.942	NONE	NONE	2.965
NO _x	0.080	0.436	NONE	NONE	0.516
VOC	0.000	0.817	NONE	NONE	0.817
PM ₁₀	0.008	0.000	NONE	NONE	0.008

Source Document: AP-42, VOL II, TABLE 1.4-2

Permitted Stationary:

Boiler Oil Fired - 2.51×10^6 BTU/hr heat input.
 No. 2 Distillate (Fuel Oil)
 Not Permitted (1990)

$$\text{NO}_x = 20 \text{ lb}/10^3 \text{ gal} \times 8000 \text{ gal/yr} \times 1 \text{ ton}/2000 \text{ lb} = 0.08 \text{ tons/yr}$$

$$\text{CO} = 5 \text{ lb}/10^3 \text{ gal} \times 8000 \text{ gal/yr} \times 1 \text{ ton}/2000 \text{ lb} = 0.02 \text{ tons/yr}$$

$$\text{PM-10} = 2 \text{ lb}/10^3 \times 8000 \text{ gal/yr} \times 1 \text{ ton}/2000 \text{ lb} = 0.008 \text{ tons/yr}$$

Source Document: AP-42, VOL II, TABLE 1.1; Supplement A

Personal Automobiles:

No. of Automobiles: 200
 Average No. of Miles: 2270
 Average No. of Miles/year: 5 days x 48 weeks x 2270 mi = 544,800 mi/yr

$$\text{NO}_x = 0.8 \text{ g}/\text{mi} \times 544800 \text{ mi/yr} \times 1 \text{ ton}/10^6 \text{ grams} = 0.436 \text{ tons/yr}$$

$$\text{CO} = 5.4 \text{ g}/\text{mi} \times 544800 \text{ mi/yr} \times 1 \text{ ton}/10^6 \text{ grams} = 2.942 \text{ tons/yr}$$

$$\text{VOC} = 1.5 \text{ g}/\text{mi} \times 544800 \text{ mi/yr} \times 1 \text{ ton}/10^6 \text{ grams} = 0.817 \text{ tons/yr}$$

5d. For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NO_x, 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	0.0141	3.141	NONE	NONE	3.155
NO _x	0.0675	0.457	NONE	NONE	0.524
VOC	0.0000	0.857	NONE	NONE	0.857
PM ₁₀	0.0030	0.000	NONE	NONE	0.003

Source Document: AP-42, VOL II, TABLE 1.4-1 and 1.4-2

Permitted Stationary:

Converted Boiler to Natural Gas Fired - 2.51×10^6 BTU/hr heat input.
 Permit NJDEPE Certificate No. 114307 Log. No. 933135A APC Plant ID 45494
 Effective 08/17/93 Expires 08/17 98

$$\text{NO}_x = 100 \text{ lb}/10^6 \text{ft}^3 \times 1,350,000 \text{ ft}^3/\text{yr} \times 1 \text{ ton}/2000 \text{ lb} = 0.0675 \text{ tons/yr}$$

$$\text{CO} = 21 \text{ lb}/10^6 \text{ft}^3 \times 1,350,000 \text{ ft}^3/\text{yr} \times 1 \text{ ton}/2000 \text{ lb} = 0.0141 \text{ tons/yr}$$

$$\text{PM-10} = 4.5 \text{ lb}/10^6 \text{ft}^3 \times 1,350,000 \text{ ft}^3/\text{yr} \times 1 \text{ ton}/2000 \text{ lb} = 0.0030 \text{ tons/yr}$$

Source Document: AP-42, VOL II, TABLE 1.1; Supplement A

Personal Automobiles:

No. of Automobiles: 210

Average No. of Miles: 2300

Average No. of Miles/year: 5 days x 48 weeks x 2380 mi = 571,200 mi/yr

$$\text{NO}_x = 0.8 \text{ g}/\text{mi} \times 571200 \text{ mi}/\text{yr} \times 1 \text{ ton}/10^6 \text{ grams} = 0.457 \text{ tons/yr}$$

$$\text{CO} = 5.5 \text{ g}/\text{mi} \times 571200 \text{ mi}/\text{yr} \times 1 \text{ ton}/10^6 \text{ grams} = 3.141 \text{ tons/yr}$$

$$\text{VOC} = 1.5 \text{ g}/\text{mi} \times 571200 \text{ mi}/\text{yr} \times 1 \text{ ton}/10^6 \text{ grams} = 0.857 \text{ tons/yr}$$

5e. Provide estimated increases/decreases in air emissions (Tons/Year of CO, NO_x, 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.

There are no increases or decreases expected within the next six years.

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

**AEGIS TECHREP (CSEDS) located in Ozone Non-attainment Area -
Phil-Wlm-Tren CMSA Severe-1.**

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 restrictions.

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?

No ERCs. No potential for getting ERCs.

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 two year totals for those FY's.

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
Air	12/91						
Hazardous Waste	N/A*						
Safe Drinking Water Act	8/92						
PCBs	12/86						
Other (non-PCB) Toxic Substance Control Act	N/A*						
Lead Based Paint	N/A*						
Radon	10/91						
Clean Water Act	3/94	75K					
Solid Waste	N/A*						
Oil Pollution Act	8/93						
USTs	6/92						
Other							
Total		75K					

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

*None on site.

In Progress:

Clean Water Act

NJ Pollutant Discharge Elimination System/Discharge to Ground Water Permit Permit NJ0103535.

Requires 5 monitoring wells - estimated \$50K one time cost.

Monitoring by licensed operator - estimated 2 hrs/wk - \$10K/yr.

Quarterly sampling and report to NJDEPE - estimated \$15K/yr.

Application Start Date 4/93 - Estimated Permit Date 8/94.

6b.

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

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

Funding Source	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
O&MN								
HA								
PA								
Other O&MN (specify)								
Other * (specify)	0.0K	15.8K	25K	25K	25K	25K	50.5K	50K
TOTAL:		15.8K	25K	25K	25K	25K	50.5K	50K

*RDT&E/SCN.

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. NO.

7. INSTALLATION RESTORATION

7a.

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

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. **NONE.**

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Es.: Compl. Date	Status ² /Comments

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

² 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.

NO.

7d.

Is there a groundwater treatment system in place?	YES/NO NO
Is there a groundwater treatment system planned?	YES/NO NO

State scope and expected length of pump and treat operation.

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES/NO NO
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7f. Does your base operate any conforming storage facilities for handling **hazardous materials**? If YES, describe facility, capacity, restrictions, and permit conditions.

NO. Do not store hazardous materials on site.

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

NO.

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.

NO.

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	NO
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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.

NONE.

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 BASE (CSEDS)	8.1	MOORESTOWN, NJ

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.)		6.1
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)	Wetlands:	0.0
	All Others:	0.0
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		1.5
Total Undeveloped land considered to be without development constraints		0.5
Total Off-base lands held for easements/lease for specific purposes		0.0
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	0.0
	HERF	0.0
	HERP	1.5
	HERO	0.0
	AICUZ	0.0
	Airfield Safety Criteria	0.0
	Other	0.0

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. 0

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.

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.

Acreage/Location/ID	Zones 2 or 3	Land Use	Compatible/ Incompatible
NONE			

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.

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)
NONE					

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

NONE.

8h.

Are there available designated dredge disposal areas for maintenance dredging material? List location, remaining capacity, and future limitations.	NO
Are there available designated dredge disposal areas for new dredge material? List location, remaining capacity, and future limitations.	NO
Are the dredged materials considered contaminated? List known contaminants.	NO

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.

NONE.

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.	YES/NO NO
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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.

NONE.

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?

NO.

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

NO.

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

NONE.

Halon 1301 for the fire suppression system will be replaced when an acceptable substitute is approved by the Navy. Production of Halon 1301 is scheduled to end January 2000.

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.

UIC 39029

BRAC-95 CERTIFICATION

DATA CALL NUMBER THIRTY-THREE

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

J. M. CARNEY, CAPT USN

NAME (Please type or print)

"COMMANDER"

Title


Signature

5/25/94
Date

AEGIS TECHNICAL REPRESENTATIVE

Activity

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

NEXT ECHELON LEVEL (if applicable)

RADM G. A. Huchting
NAME (Please type or print)

[Signature]
Signature

AEGIS Program Manager
Title

6/6/94
Date

AEGIS DRPM
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)

[Signature]
Signature

Commander
Naval Sea Systems Command
Title

6/8/94
Date

Activity

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

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

P. W. DRENNON
NAME (Please type or print)

[Signature]
Signature

ACTING
Title

6/24/94
Date



