MILITARY VALUE DATA CALL

TECHNICAL CENTERS

Category	**Tech Centers/Labs**
Technical Center Site	**NSWC Crane Division Hydroacoustic Test Area**
Location/Address	**Sullivan, IN**

	Page
Mission	
1. Mission Statement	1
2. Joint Service Missions	1
Technical Functions	
3. Technical Functions Resource Allocations	2
Manpower	
4. Work Breakdown Structure	3
5. Technical Staff Qualifications	5
Facilities and Equipment	
6. Special Facilities/Equipment Resources	10
7. General Facilities/Equipment Resources	10
Location	
8. Geographic Location	12
Features and Capabilities	
9. Computational Facilities	13
10. Mobilization Responsibility and Capability	13
11. Range Resources	14

Quality of Life

12. Military Housing 15
13. MWR Facilities 24
14. Base Family Support Facilities 26
15. Metropolitan Areas 28
16. VHA 29
17. Off-base Housing Rental and Purchase 30
18. Sea Intensive Ratings 32
19. Commute 32
20. Educational Opportunities 33
21. Employment Opportunities 36
22. Medical/Dental 36
23. Crime Rate 37

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.

The Hydroacoustic Test Area located in Sullivan, Indiana has no official mission statement.

This test area consists of 364 acres of Crane-owned property surrounding Glendora Lake, a former strip coal mine that is now reclaimed as a lake. The remote location coupled with the unique depth and length of Glendora Lake makes this an unusually quiet location for littoral area testing of hydroacoustic sensors.

This range is manned by three employees of the Crane Division whose responsibility it is to operate the range. Other Department of Navy or Original Equipment Manufacturer personnel with interest in the testing (normally less than five) would be at the range during tests of their products.

For purposes of this data call, a TAB A report is filed. Also, this property is described as an asset of the Acoustic Sensors Technical Capability in TAB C of the Military Value data call for the Crane Division and that TAB C is repeated here.

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

None assigned.

TECHNICAL FUNCTIONS

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

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

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

MANPOWER

4. **Work Breakdown Structure.**

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

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

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

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

NOTES:

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

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

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

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

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

Table 4.1, General Support Resources for
(Activity: NSWC Crane Division, Hydroacoustic Test Area UIC: 00164)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	NA					
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						

Table 4.2, General Support Resources for all Detachments
(Activity: NSWC Crane Division, Hydroacoustic Test Area UIC: 00164)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/ XO/ TD/etc.)	NA					
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						

Table 4.3, Previous BRAC Impact to General Support Resources for (Activity: NSWC Crane Division, Hydroacoustic Test Area, UIC 00164)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)	NA					
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						

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: NSWC Crane Division, Hydroacoustic Test Area, UIC 00164)

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

Table 5.2, Technical Staff Education Level for all Detachments
(Parent Activity: NSWC Crane Division, UIC: 00164)

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

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: NSWC Crane Division, Hydroacoustic Test Area, UIC: 00164)

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

Table 5.4, Technical Staff Academic Fields for all Detachments
(Parent Activity: NSWC Crane Division, Hydroacoustic Test Area UIC: 00164)

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

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

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. NA

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. NA

f. Identify any Nobel laureates employed at this activity. NA

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

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

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

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

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

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

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

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

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. NA

FACILITIES AND EQUIPMENT

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

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

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

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

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. NA

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

(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 . NA

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

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

(4) The additional square footage that this project will provide to the

functional support area(s). NA

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

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

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

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

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

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

(5) CWE & planned BOD. NA

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. NA

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? NA

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. NA

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

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. NA

10. **Mobilization Responsibility and Capability.**

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

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

(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? NA

(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. NA

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

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

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

(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. NA

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

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

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

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

QUALITY OF LIFE

12. **Military Housing**

(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: NA

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

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

Facility type/code: NA
What makes it inadequate? NA
What use is being made of the facility? NA
What is the cost to upgrade the facility to substandard? NA
What other use could be made of the facility and at what cost? NA
Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP? NA

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

[1]As of 31 March 1994.

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

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

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

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

Type of Quarters	Utilization Rate
Adequate	NA
Substandard	
Inadequate	

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

(b) BEQ: NA

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

Type of Quarters	Utilization Rate
Adequate	NA
Substandard	
Inadequate	

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

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

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

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

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

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

(c) BOQ: NA

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

Type of Quarters	Utilization Rate
Adequate	NA
Substandard	
Inadequate	

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

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

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

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

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

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

(d) BOQ/BEQ Housing and Messing. NA

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

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

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

a. FACILITY TYPE/CODE: NA
b. WHAT MAKES IT INADEQUATE? NA
c. WHAT USE IS BEING MADE OF THE FACILITY? NA
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? NA
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? NA
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: NA
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? NA

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

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

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

a. FACILITY TYPE/CODE: NA
b. WHAT MAKES IT INADEQUATE? NA
c. WHAT USE IS BEING MADE OF THE FACILITY? NA
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? NA
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? NA
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: NA
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? NA

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

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

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

a. FACILITY TYPE/CODE: NA
b. WHAT MAKES IT INADEQUATE? NA
c. WHAT USE IS BEING MADE OF THE FACILITY? NA
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? NA
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? NA
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: NA
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? NA

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

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

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

a. FACILITY TYPE/CODE: NA
b. WHAT MAKES IT INADEQUATE? NA
c. WHAT USE IS BEING MADE OF THE FACILITY? NA
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? NA
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? NA
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: NA
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? NA

13. **MWR Facilities**. For on-base MWR facilities[10] available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION NSWC Crane Division, Hydroacoustic Test Area **DISTANCE**_____

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	NA	
	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		

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

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	NA	
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? NA

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.

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

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

Facility type/code: NA
What makes it inadequate? NA
What use is being made of the facility? NA
What is the cost to upgrade the facility to substandard? NA
What other use could be made of the facility and at what cost? NA
Current improvement plans and programmed funding: NA
Has this facility condition resulted in C3 or C4 designation on your BASEREP? NA

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 NA.

d. How many "certified home care providers" are registered at your base? None

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). No

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

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

City	Distance (Miles)
Indianapolis, IN	80
Louisville, KY	90
Cincinnati, OH	140

16. **Standard Rate VHA Data for Cost of Living:**

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

17. **Off-base Housing Rental and Purchase**

(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	NA		
Apartment (1-2 Bedroom)			
Apartment (3+ Bedroom)			
Single Family Home (3 Bedroom)			
Single Family Home (4+ Bedroom)			
Town House (2 Bedroom)			
Town House (3+ Bedroom)			
Condominium (2 Bedroom)			
Condominium (3+ Bedroom)			

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

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

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

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

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

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

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

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
NA		

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)
NA			

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
NA							

(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	
NA	Day					
	Night					
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					

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

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

21. **Spousal Employment Opportunities.**

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	NA			
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.
NA

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.
NA

02

NAVAL SURFACE WARFARE CENTER
CRANE DIVISION
GLENDORA LAKE FACILITY SITE

RESPONSE TO CLARIFICATION QUESTION for Data Call #5, Question #23

Crime Rates for Sullivan County, Indiana, as per the following guidance:

- rate per 100,000 population
- rates obtained from county of appropriate law enforcement office (Sullivan County Sheriff's Office)

****

Violent Crime Rate	101 (per 100,000)
Property Crime Rate	350 (per 100,000)
Drug Crime Rate	398 (per 100,000)

* rates are for the calendar year 1993

* The above crime rates were scaled up by a factor of 4.8 since the Sullivan County population is approximately: 20,800

Source:

Officer Bynum, Sullivan County Sheriff's Office

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)	NA		
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
2. Blackmarket (6C)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
3. Counterfeiting (6G)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
4. Postal (6L)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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

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

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

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

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

TAB A

TECHNICAL OPERATIONS

FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

rev.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NSWC Crane Division Hydroacoustic Test Area Sullivan, IN
Functional Support Area	5. Sensors & Surveillance Systems 5.1 Sonar Systems
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. 3.0 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) 247.8 R

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	NSWC Crane Division Hydroacoustic Test Area Sullivan, IN
Functional Support Area	5. Sensors & Surveillance Systems 5.1 Sonar Systems
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. 3.0 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) 172.3

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.

TAB B

SPECIAL FACILITIES AND EQUIPMENT

FACILITIES/EQUIPMENT CAPABILITY FORM

SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	NSWC Crane Division Hydroacoustic Test Area Sullivan, IN
Facility/Equipment Nomenclature or Title	NA

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

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

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

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

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

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

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

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

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

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

TAB B
Page ___ of ___
UIC: _____

12. Provide the projected utilization data out to FY1997.

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

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

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

TAB B
Page ___ of ___
UIC: _____

TAB C

RANGE RESOURCES

RANGE CAPABILITY FORM

TAB B
Page ___ of ___
UIC: _____

RANGE RESOURCES
RANGE CAPABILITY FORM

Technical Center Site	NSWC Crane Division Hydroacoustic Test Area Sullivan, IN
Range Nomenclature or Title	Glendora Lake Facility

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

a. A brief statement of what the range is used for.

Glendora Lake range is used for the test and evaluation of underwater acoustic devices such as: Sonobuoys, Submarine and Surface Ship sonar transducers/ hydrophones, acoustic countermeasures, and mine hunting sonar equipment. Evaluation of underwater launched pyrotechnic devices and demolition charges, such as cable cutters, are performed for First Article and Lot Acceptance Tests. The range is also used for conducting mechanical noise/flow, thermal noise, and sea-state simulation tests, and to study and evaluate the water impact of air deployed devices.

b. Geographic location of the range.

The lake facility/range is located in a remote isolated area 2.5 miles east of Sullivan, IN. on County Road 300 North. This is 30 miles south of Terre Haute, IN. on US 41, where the closest commercial and military air fields are located.

c. Distance from the range to the activity's headquarters facility (main site).

The lake facility/range is 45 miles from Crane, where the Crane Division headquarters is located.

d. Range size in square miles.

0.6 Square Miles

e. Scheduling authority.

All testing is scheduled and coordinated by on site personnel at the lake. A real-time range test schedule is available to the headquarters facility by electronic mail for monitoring and planning purposes.

TAB C
Page 1 of 4
UIC: 00164

f. Air space available/restrictions.

Military helicopters are used for air deployment tests, which are coordinated through the Air National Guards located in Terre Haute, IN. or Indianapolis, IN. The range is currently under no restrictions, but this could change once pending approval is received for higher level explosive testing.

g. Maximum water depth available/restrictions.

This relatively new lake currently has a depth of 90 feet but is still in the process of filling. The projected depth of the lake will be 110 to 120 feet. This level is expected to be reached this year based on the past/current fill rate. **This facility is owned and controlled by NAVSURFWARCENDIV Crane as is the entire lake. All access is under NAVSURFWARCENDIV Crane control.**

h. Instrumentation capability.

The main test platform at the facility is instrumented with an automated data collection and analysis system for conducting acoustic testing such as: free field receive sensitivity, sound pressure level, transmitting response, directivity, impedance, and spectral analysis measurements. A Tow System is available for conducting mechanical noise/flow tests along with a vertical motion machine for sea-state simulation. This system is also used for deploying targets for mine hunting tests and test samples for explosive cable cutter tests. RF equipment is available for Sonobuoy full-up tests and remote data collection requirements. A mobile instrumented test barge is available for special acoustic tests requiring test item deployment away from the main test platform. A 26 foot boat with a cabin for instrumentation is available for special tests.

i. Accuracy of tracking.

Tracking is currently not a requirement at the range.

j. Data collection/replay capability.

The majority of data collected is digitized and stored on computer (hard drives) or on magnetic tape. Multi-channel analog recorders are available for special test requirements.

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).

The lake facility is open year round with multiple shifts and weekends available when required to accommodate test demands. Night shifts are scheduled for low level noise measurements. The facility is capable of providing services 365 days a year. Weather sometimes limits testing (such as noise level).

rev.

l. What were the actual hours this range was utilized per year for the last five years (FYs 1989-1993)?

LAKE UTILIZATION					
FISCAL YEAR:	1989	1990	1991	1992	1993
TEST DAYS	312	314	207	160	161
HOURS	2496	2512	1656	1280	1288

R

R

Note: Lake facility was transitioned from Dugger to Glendora FY 1994. FY 1989-93 utilization data represents actual Dugger Lake data.

m. What were the actual hours that this range was utilized in FY1993?

1480 Hrs. (Customer scheduled & used).

n. Who are the customers of the range?

See table below.

LAKE FACILITY CUSTOMERS (FY 1991-93)			
SPONSOR	TEST ITEMS	TEST DAYS (FY91-93)	UTILIZATION (%)
PMA-264	Sonobuoys	229	43
NSEA-91T	Sonar Acoustic Target Source	131	25
PMS-425	Ship Sonars	61	12
PMO-407	Mine Warfare Sonars	50	9
PMS-415	Acoustic Countermeasures	36	7
NSEA-91W	Special Munitions	21	4
Notes: a) Utilization represents % of actual used test days by each customer			

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

See chart above.

TAB C
Page 3R of 4
UIC: 00164

l. What were the actual hours this range was utilized per year for the last five years (FYs 1989-1993)?

LAKE UTILIZATION					
FISCAL YEAR:	1989	1990	1991	1992	1993
TEST DAYS	316	283	202	154	186
HOURS	2528	2264	1616	1232	1480

Note: Lake facility was transitioned from Dugger to Glendora FY 1994. FY 1989-93 utilization data represents actual Dugger Lake data.

m. What were the actual hours that this range was utilized in FY1993?

1480 Hrs. (Customer scheduled & used).

n. Who are the customers of the range?

See table below.

LAKE FACILITY CUSTOMERS (FY 1991-93)			
SPONSOR	TEST ITEMS	TEST DAYS (FY91-93)	UTILIZATION (%)
PMA-264	Sonobuoys	229	43
NSEA-91T	Sonar Acoustic Target Source	131	25
PMS-425	Ship Sonars	61	12
PMO-407	Mine Warfare Sonars	50	9
PMS-415	Acoustic Countermeasures	36	7
NSEA-91W	Special Munitions	21	4
Notes: a) Utilization represents % of actual used test days by each customer			

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

See chart above.

TAB C
Page 3 of 4
UIC: 00164

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

See attached.

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

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

The area where the lake is located was previously a strip coal mine, which is now going through the various phases of land reclamation. This is still the responsibility of the coal mining company. One environmental assessment has already been conducted on the area for construction, with **no significant findings**. Another is in process for conducting higher level explosive testing, which is much less than the levels the area was subjected to during mining operations. There are **no endangered species** living in the area and the lake has not been stocked with fish. The government owns the area surrounding the lake and **controls all access** to the lake. The land adjacent to the government's property is owned by the coal company and will eventually be managed by the Indiana Department of Natural Resources. There are no plans to sell the adjacent real estate for residential or commercial development.

NSWC CRANE DIV, SULLIVAN

DATA CALL #5

JL
SEA09X
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)~~

~~NAME (Please type or print~~ ~~Signature~~

~~Title~~ ~~Date~~

~~Activity~~

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

Commander
Title

5/11/94
Date

Naval Surface Warfare Center
Activity

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print

Signature

Commander
Naval Sea Systems Command
Title

5-13-94
Date

Activity

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

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

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

Signature

Acting
Title

23 May 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

S. HOWARD
NAME (Please type or print)

Signature

COMMANDER
Title

6 May 94
Date

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
Activity

REPRODUCED AT GOVERNMENT EXPENSE

DATA CALL #5
SULLIVAN SITE

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

Commander
Title

8/17/94
Date

Naval Surface Warfare Center
Activity

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

MAJOR CLAIMANT LEVEL

E. S. McGINLEY, II
Rear Admiral, U.S. Navy
NAME (Please type or print

Signature

ACTING
Title

8/22/94
Date

Activity

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

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

W. A. EARNER
NAME (Please type of print

Signature

Title

8/25/94
Date

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
DATA CALL #5 - GLENDORA LAKE

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

S. HOWARD
NAME (Please type or print)

Signature

COMMANDER
Title

8/12/94
Date

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
Activity

1. Tab A - Page 1 - Question 2.a (In-House Expenditures) - 172.3 should be 247.8.

2. Tab C - Page 3 of 4 - Question 1 (Lake Utilization Table) -
Test Days: 316 should be 312, 283 should be 314, 202 should be 207, 154 should be 160, and 186 should be 161.

Hours: 2528 should be 2496, 2264 should be 2512, 1616 should be 1656, 1232 should be 1280, and 1480 should be 1288.

Revision Crime data 202

DATA CALL #5
GLENDORA LAKE

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

Commander
Title

9/15/94
Date

Naval Surface Warfare Center
Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

G. R. STERNER
Commander
Title Naval Sea Systems Command

9-19-94
Date

Activity

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

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

NAME (Please type of print

Signature

Title

10/1/94
Date

NAVAL SURFACE WARFARE CENTER
CRANE DIVISION
GLENDORA LAKE FACILITY
DATA CALL #5

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purpose 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 the 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	J M Carney
NAME (Please type or print)	Signature
COMMANDER	9/14/94
Title	Date

CRANE DIVISION, NSWC
Activity

1. In regards to the BSAT request for clarification dated 9 September 94, the response to question #23 (Crime Rate) is provided for the local community of Sullivan County.

Document Separator

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

NSWC Crane Division
Hydroacoustic Test Area
Sullivan, IN

Table of Contents

Section	Page
1. Historical and Projected Workload	1
2. Current Class 2 Assets	8
3. Class 2 Space Available for Expansion	18
4. Class 1 Space Available for Expansion	21
5. Base Infrastructure Capacity	23
6. Ship Berthing Capacity	27
7. Operational Airfield Capacity	27
8. Depot Level Maintenance Capacity	27
9. Ordnance Storage Capacity	27

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 ingovernment 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
NSWC Crane Division, Hydroacoustic Test Area
(UIC 00164)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86	134	133.9	0	2.0	2.0	0
87	136	135.5	0	2.0	2.0	0
88	134	134.3	0	2.0	2.0	0
89	127	126.7	0	2.0	2.0	0
90	138	137.5	0	2.0	2.0	0
91	147	147.4	0	2.0	2.0	0
92	369	368.8	0	2.0	2.0	0
93	172	171.6	0	2.0	2.0	0
94	271			3.0		
95	310			3.0		
96	426			3.0		
97	426			3.0		

Notes:
1. Funding thru FY93 is actual and FY94 is projected for Dugger Lake and FY95 forward is projected for Glendora Lake where facilities and testing is being transitioned from Dugger during FY94.
2. $200K of FY92 budget was for purchase of Glendora Lake Site.

Table 1.2 Historical and Projected Workload for Detachments of NSWC Crane Division, Hydroacoustic Test Area (UIC 00164)

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

TABLE 1.3 BREAKOUT OF FUNDS BUDGETED for
NSWC Crane Division, Hydroacoustic Test Area
(UIC 00164)

FY93

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
PMA-264											91				
NSEA 91T											37				
PMS-425											24				
PMO-415											20				

FY94

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
PMA-264											144				
NSEA 91T											60				
PMS-425											38				
PMO-415											29				

FY95

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
PMA-264											164				
NSEA 91T											65				
PMS-425											50				
PMO-415											31				

FY96

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
PMA-264											226				
NSEA 91T											89				
PMS-425											68				
PMO-415											43				

FY97

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
PMA-264											226				
NSEA 91T											89				
PMS-425											68				
PMO-415											43				

TABLE 1.4 FY 199__ BREAKOUT OF FUNDS BUDGETED for DETACHMENTS
NSWC Crane Division, Hydroacoustic Test Area
(UIC 00164)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NA															

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 Hydroacoustic Test Area (UIC 00164)

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

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?

Table 2.2 Main Site Class 2 Space of NSWC Crane Division, Hydroacoustic Test Area
(UIC 00164)
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA Assigned (KSF)
Name	UIC		
NA			
		Total:	

Table 2.3 Class 2 Space Utilized/Leased by NSWC Crane Division, Hydroacoustic Test Area (UIC 00164)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100	NA			
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				

For your Detachment sites not receiving this Data Call directly:

e. Use Table 2.4 below to indicate the combined total amount of Class 2 space that is occupied by your Detachments for which you are the plant account holder as of 31 March 1994. Attach a list with the titles and UIC's of these Detachments.

f. Use Table 2.5 below to indicate the total amount of your Class 2 space reported in Table 2.4 that is assigned to tenant commands and/or independent activities as of 31 March 1994. Include numbered notes to indicate the Detachment site that hosts the tenant.

g. Use Table 2.6 below to indicate the combined total amount of Class 2 space utilized/leased by your Detachments for which you are not the plant account holder. Provide numbered notes to indicate the quantity of leased space and their associated rental cost.

Table 2.4 Class 2 Assets of NSWC Crane Division, Hydroacoustic Test Area
Occupied by Detachments

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100	N/A			
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				

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?

Table 2.5 Class 2 Space at Detachment Sites of NSWC Crane Division, Hydroacoustic Test Area (UIC 00164) Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA (KSF) Assigned
Name	UIC		
N/A			
		Total:	

Table 2.6 Class 2 Space Utilized/Leased by Detachments of Hydroacoustic Test Area (UIC 00164)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total-adequateTota
Operational & Training	100	N/A			
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					

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

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

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

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

d. Use Table 3.2 below to indicate additional unconstrained growth opportunities for accepting expanded or new roles. Unconstrained growth allows for construction of new facilities on existing buildable Class 1 property. The only constraint being that the land must currently be on your plant account holdings as of 31 March 1994 and free of existing land 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.

Table 3.1 Constrained Class 2 Space Available for Expansion at NWSC Crane Division, Hydroacoustic Test Area (UIC 00164)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
N/A					
Totals					

Table 3.2 Unconstrained Class 2 Space Available for Expansion at NSWC Crane Division, Hydroacoustic Test Area (UIC 00164)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
N/A					
Totals					

4. Class 1 Space Available for Expansion.

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

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

The Glendora Lake site has no buildings on the property. The Navy has installed a barge test enclosure on the lake for test operations. Electrical power has been connected to this barge. An access road from the adjacent county road has been installed. Parking is limited since few personnel work at this site.

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

The Glendora Lake site has no known constraints for radio frequencies. The area is a rural farm setting. The nearest population center is two miles to the southwest. This is the city of Sullivan, IN, population 4,775.

Table 4.1 Class 1 Resources of NWSC Crane Division (UIC: N00164)
Site Location: Hydroacoustic Test Area, Sullivan County Indiana

Land Use	Total Acres	Developed Acreage	Available for Development		
			Restricted	Unrestricted	
Maintenance	0	0	0	0	
Operational	281.9	0	20	261.9	R
Training	0	0	0	0	
R & D	0	0	0	0	
Supply & Storage	0	0	0	0	
Admin	0	0	0	0	
Housing	0	0	0	0	
Recreational	0	0	0	0	
Navy Forestry Program	0	0	0	0	
Navy Agricultural Outlease Program	0	0	0	0	
Hunting/Fishing Programs	0	0	0	0	
Other (submerged)	83.1	0	0	83.1	R
Total:	365	0	20	345	R

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? 100 Acres. Explain.

The Glendora Lake site is a reclaimed strip mine located in Sullivan County Indiana. County roads are located on three sides of the property. An existing three phase power line runs along the northern boundary of the site, adjacent to the county road. Other utilities are not immediately available. The remainder of the acreage, 75 acres, is on the opposite side of the lake from the roadways. A Military Construction Project is proposed for this site for hydroacoustic testing.

Class 1 Resources of NWSC Crane Division (UIC: N00164)
Site Location: Hydroacoustic Test Area, Sullivan County Indiana

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	281.9	0	20	261.9
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	0	0	0	0
Admin	0	0	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other (submerged)	83.1	0	0	83.1
Total:	365	0	20	345

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? 100 Acres. Explain.

The Glendora Lake site is a reclaimed strip mine located in Sullivan County Indiana. County roads are located on three sides of the property. An existing three phase power line runs along the northern boundary of the site, adjacent to the county road. Other utilities are not immediately available. The remainder of the acreage, 75 acres, is on the opposite side of the lake from the roadways. A Military Construction Project is proposed for this site for hydroacoustic testing.

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

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

Table 5.1 Base Infrastructure Capacity & Load

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	3-phase power existing	Unlimited	14.26 KVA	16.97 KVA
Natural Gas (CFH)	0	0	0	0
Sewage (GPD)	0	0	0	0
Potable Water (GPD)	0	0	0	0
Steam (PSI & lbm/Hr)	0	0	0	0
Long Term Parking	0	0	0	0
Short Term Parking	355	0	0	0

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

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

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

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

Table 5.2 Maintenance, Repair & Equipment Expenditure Data for NSWC Crane Division, Hydroacoustic Test Area, Sullivan, IN (UIC: 00164)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985	N/A		0.5
1986			0.5
1987			0.5
1988			0.5
1989			0.5
1990			0.5
1991			0.5
1992			0.5
1993			0.5
1994			0.6
1995			0.6
1996			0.7
1997			0.7
Note: ACE is reported for equipment located at Dugger Lake through FY93 and transitioned to or procured for Glendora Lake during and after FY94			

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.

(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)
N/A			

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

[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.

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.
NA								

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

TAB A
Page 1 of 5
UIC 00164

2. [12.] For each Pier/Wharf at your facility list the following ship support characteristics:

Table 12.1

Pier/ Wharf	OPNAV 3000.8 (Y/N)	Shore Pwr (KVA) & 4160V (KVA)	Comp. Air Press. & Capacity[1]	Potable Water (GPD)	CHT (GPD)	Oily Waste[1] (gpd)	Steam (lbm/hr & PSI)[2]	Fendering limits[3]
NA								

[1]List only permanently installed facilities.
[2]indicate if the steam is certified steam.
[3]Describe any permanent fendering arrangement limits on ship berthing.

TAB A
Page 2 of 5
UIC 00164

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]
NA				

[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]
NA				

[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.

TAB A
Page 4 of 5
UIC 00164

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.

NA

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.

NA

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.

NA

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

NA

TAB B

OPERATIONAL AIRFIELD CAPACITY

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

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

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	
NA								

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
NA				

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

NA

TAB B
Page 1 of 15
UIC 00164

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

NA

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

NA

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?)

NA

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	NA		
Auxiliary _____			
Auxiliary _____			
Auxiliary _____			

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	NA							
1992								
1993								

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

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

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

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

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. NA

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.

NA

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. NA

NAVAID	DESCRIPTION/LOCATION
NA	

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
NA							

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
NA				

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

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. NA

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

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
NA							

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
NA							

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)
NA			

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. NA

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
NA						

25. [12b.] For each **Special Use Airspace (SUA)** or airspace-for-special use routinely used by squadrons/units assigned to your installation (regardless of location[2]), indicate how many hours per year are **required for** each user to maintain required **readiness**. Special Use Airspace includes alert areas, military operating areas (MOA), restricted areas, and warning areas which are used for air-to-air, air-to-ground, electronic (EW, ECM), low level training routes (MTRs), and other training.

[1] include RON/domestic deployment training

SUA	Location/ Distance	Types/Uses	Scheduling Authority (UIC)	Squadron/Unit	Training Requirement (types of training)	Yearly Usage Rate (Hrs)
NA						

Remarks:

[2] include RON/domestic deployment training

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	
NA				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. NA

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. NA

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
NA					

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
NA									

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.
NA							
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
NA		

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
NA		

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
NA					

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	NA					
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.

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	NA				
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.

TAB C

DEPOT LEVEL MAINTENANCE CAPACITY

Maintenance and Industrial Activities

Activities that actually perform Depot Level Maintenance shoudl 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
2. Aircraft Components
   - Dynamic Components
   - Aircraft Structures
   - Hydraulic/Pneumatic
   - Instruments
   - Landing Gear
   - Aviation Ordnance
   - Avionics/Electronics
   - APUs
   - Other
3. Engines (Gas Turbine)
   - Aircraft
   - Ship
   - Tank
   - Blades / Vanes (Type 2)
4. Missiles and Missile Components
   - Strategic
   - Tactical / MLRS
5. Amphibians
   - Vehicles
   - Components (less GTE)
6. Ground Combat Vehicles
   - Self-propelled
   - Tanks
   - Towed Combat Vehicles
   - Components (less GTE)
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
8. Automotive / Construction Equipment
9. Tactical Vehicles
   - Tactical Automotive Vehicles
   - Components
10. Ground General Purpose Items
    - Ground Support Equipment (except aircraft)
    - Small Arms / Personal Weapons
    - Munitions / Ordnance
    - Ground Generators
    - Other
11. Sea Systems
    - Ships
    - Weapons Systems
12. Software
    - Tactical Systems
    - Support Equipment
13. Special Interest Items
    - Bearings Refurbishment
    - Calibration (Type I)
    - TMDE
14. Other

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.

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
NA								
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
NA								
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
NA								
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
NA								
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
NA							
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
NA								
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. NA

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? NA

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.)? NA

2. Workload Summary

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

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

FY 1995 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
NA						
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
NA						
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
NA						
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
NA						
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
NA						
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
NA						
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.g: **PREDICTED WORKLOAD VARIANCE FOR FY 2001**

FY 2001 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	**Potential Workload**	**Variance**	Predicted Workload	Potential Workload	Variance
NA						
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 NA

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 NA

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

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

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

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

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

Table 2.1.a: **Workload Requirements FY 1993**

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

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

FY 1994 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
NA				
Total:				

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

FY 1995 Commodity Type	Core Workload (DLMHs)			
	Core Workload	**Directed Workload**	Core "Plus" Workload	Title 10 Workload
NA				
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
NA				
Total:				

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

FY 1997 Commodity Type	Core Workload (DLMHs)			
	Core Workload	**Directed Workload**	Core "Plus" Workload	Title 10 Workload
NA				
Total:				

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

FY 1998 Commodity Type	Core Workload (DLMHs)			
	Core Workload	**Directed Workload**	Core "Plus" Workload	Title 10 Workload
NA				
Total:				

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

FY 1999 Commodity Type	Core Workload (DLMHs)			
	Core Workload	**Directed Workload**	Core "Plus" Workload	Title 10 Workload
NA				
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
NA				
Total:				

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

FY 2001 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
NA				
Total:				

TAB C - PART II
Page 26 of 36
UIC: 00164

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. NA

- Foreign Military Sales (FMS) include airframe, engine and component maintenance and manufacturing support.

- Modifications (Mods) include *only those modifications* performed concurrently with scheduled depot level work packages constituting Core workload.

- Low Quantity Non-Core (LQNC) is that Non-Core workload with insufficient programmed quantity for competition. This category also includes above threshold Core workload for weapons systems which have a total projected workload greater than the computed core quantity (above core workload).

- Best Value (BV) includes items that have been offered for maintenance under competitive rules and no offerer has provided a bid that is equal to or better than the value provided by a current organic source.

- Engineering Support (Engr) consists of Engineering Support to field, modify, operate, and maintain aviation weapon systems (i.e. RCM analysis, defining maintenance intervals, developing maintenance concepts, modification management, industrial support, investigations, bulletins and flight safety, and environmental issues).

- Last Source of Repair (LSOR) comprises Non-Core workload which has been offered for maintenance under competitive rules and no offerer has provided a bid, and for which a workload requirement exists and the organic depot is the only remaining source of repair.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3. Organization NA

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 D

ORDNANCE STORAGE CAPACITY

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 Threat	Tactical Nuclear	LOE: Pyro/Demo 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
NA						
TOTAL						

TAB D
Page 1 of 4
UIC: 00164

1.2 For each Stowage facility identified in question 1.1 above, identify the type of facility (specify if "igloo", "box", etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

- Identify the reason(s) for which this ordnance is stored at your facility from the following list: own activity use (training); own activity use (operational stock); Receipt/Segregation/ Stowage/Issue (RSSI); transhipment/awaiting issue; deep stow (war reserve); deep stow (awaiting Demil); other. Explain each "other" entry in the space provided, including ordnance stowed which is not a DON asset.

Table 1.2: **Total Facility Ordnance Stowage Summary**

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
NA			

Additional comments:

TAB D
Page 2 of 4
UIC: 00164

1.3 Identify the rated category, rated NEW and status of ESQD arc for each stowage facility listed above.

Table 1.3: Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
NA					

TAB D
Page 3 of 4
UIC: 00164

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.

NA

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)	NA		
Testing			
Manufacturing			
Outload			
Technical Support			

ACTIVITY CERTIFIED: NSWC CRANE DIVISION, SULLIVAN DATA CALL #4

JL SEA(5/24

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

RADM (Sel) D. P. Sargent, Jr.

NAME (Please type of print

Signature

Commander

Title

5/4/94

Date

Naval Surface Warfare Center

Activity

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

MAJOR CLAIMANT LEVEL

G. R. STERNER

NAME (Please type or print

Signature

5-13-94

Date

Title

Commander

Naval Sea Systems Command

Activity

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

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

J. B. Greene, Jr.

NAME (Please type of print

Signature

Acting

Title

23 May 1994

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

S. HOWARD
NAME (Please type or print)

Signature

COMMANDER
Title

6 May 94
Date

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
Activity

NSWC CRANE Division
Hydroacoustic Test Area ~~Crane~~ Site
Data Call 4

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

S. HOWARD
NAME (Please type or print)

Signature

COMMANDER
Title

5/25/94
Date

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
Activity

Revision to teh Crane Division, Hydroacoustic Test Area, Sullivan County Site BRAC-95 Data Call 4, page 22.

Additional details of changes described on attached sheets.

REPRODUCED AT GOVERNMENT EXPENSE

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print~~ ~~Signature~~

~~Title~~ ~~Date~~

~~Activity~~

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

Commander
Title

6/3/94
Date

Naval Surface Warfare Center
Activity

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

MAJOR CLAIMANT LEVEL

COMMANDER
NAME (Please type or print

Signature

Commander
Title Systems Command

7-1-94
Date

Activity

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

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

J. B. GREENE, JR.
NAME (Please type of print

Signature

ACTING
Title

08 JUL 1994
Date

Document Separator

DATA CALL #33
GLENDORA LAKE
SULLIVAN IN SITE

188

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print~~ ~~Signature~~

~~Title~~ ~~Date~~

~~Activity~~

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

Commander
Title

9/7/94
Date

Naval Surface Warfare Center
Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

G. R. STERNER
Title

9/7/94
Date

Commander
Naval Sea Systems Command

Activity

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

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

J. B. GREENE, JR.
NAME (Please type of print

Signature

ACTING
Title

14 SEP 1994
Date

NAVAL SURFACE WARFARE CENTER
CRANE DIVISION
GLENDORA LAKE
DATA CALL #33

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purpose 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 the 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	J M Carney
NAME (Please type or print)	Signature
COMMANDER	8/26/94
Title	Date
CRANE DIVISION, NSWC	
Activity	

ENVIRONMENTAL DATA CALL:
GLENDORA SITE,
CRANE DIVISION, NAVAL SURFACE WARFARE CENTER

26 AUGUST 1994

BRAC 1995 ENVIRONMENTAL DATA CALL:
GLENDORA SITE, CRANE DIVISION, NAVAL SURFACE WARFARE CENTER

INDEX

Section	Page
GENERAL INSTRUCTIONS	2
ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT	4
WETLANDS	6
CULTURAL RESOURCES	7
ENVIRONMENTAL FACILITIES	8
AIR POLLUTION	12
ENVIRONMENTAL COMPLIANCE	15
INSTALLATION RESTORATION	17
LAND/AIR/WATER USE	19
WRAP-UP	23

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 tenant activities with UIC's that are covered in this response.

There are no tenant activities at the Glendora Site.

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)
* *None*				

* No habitats at the Glendora site exist that would be suitable for endangered or threatened species that are listed in the State of Indiana.

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.	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.	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.

No habitats exist.

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.	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.	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
Has a wetlands survey in accordance with established standards been conducted for your base?	NO
When was the survey conducted or when will it be conducted?____/____/____	1995
What percent of the base has been surveyed?	0%
What is the total acreage of jurisdictional wetlands present on your base?	*103

* Note: Approximately 95 of the 103 acres of wetlands estimated out of a total of 365 total acres is the surface area of the lake.

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.

Identified in Data Call #1 for Crane Site, Crane Division.

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.	NO

3b.

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.	NO

3c.

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	NO

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.

Does your base have an operating landfill?					**NO**
ID/Location of Landfill	**Permitted Capacity (CYD)**		**Maximum Capacity (CYD)**	**Contents[1]**	**Permit Status**
	TOTAL	**Remaining**			
None					

[1] Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility.
No

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.
None.

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					NO
Facility/Type of Operation	**Permitted Capacity**	**Ave Daily Throughput**	**Maximum Capacity**	**Permit Status**	**Comments**
None					

List any permit violations and projects to correct deficiencies or improve the facility. None exist.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					NO
ID/ Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/ Year Built**
None					

List permit violations and discuss any projects to correct deficiencies. None exist.

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.

Domestic wastewater treatment at Glendora Site will be provided through a septic tank and absorption field which will be constructed in the near future. System is designed for 6 people.

4f.

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

List any permit violations and projects to correct deficiencies or improve the facility. None exist.

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

No

4h.

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

List permit violations and projects/actions to correct deficiencies or improve the facility. None exist.

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.

Potable water is planned to be provided through a drilled well.

4j.

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

4k.

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

4l.

Does your base have bilge water discharge problem?	No
Do you have a bilge water treatment facility?	No

Explain: Not applicable.

4m.

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

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

The designed septic system is larger than the current demand and will handle additional number of people at the site. There are no expansion upgrades planned.

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.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? Attainment
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? Not applicable. List site, location and name of AQCA.

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

Site: Glendora Site
AQCA: Not Applicable

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]
CO	x				No
Ozone	x				No
PM-10	x				No
SO_2	x				No
NO_2	x				No
Pb	x				No

Note: Table provided as part of original submission of Data Call 33 for Crane Site, Crane Division.

[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, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

No sources exist at Glendora. There is no baseline data.

	Emission Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	Not Applicable				
NOx					
VOC					
PM10					

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

No operations were conducted in 1993 as Glendora is a new test site.

	Emissions Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	Not Applicable				
NOx					
VOC					
PM10					

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

None. There are no expected increases or decreases due to known BRAC realignments or President's budget.

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

Yes. Evansville, In. - Marginal nonattainment for Ozone.
Indianapolis, In. - Marginal nonattainment for Ozone (Marion County). Nonattainment for CO in downtown area.

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. None.

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.

6. ENVIRONMENTAL COMPLIANCE

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

None required.

Program	Survey Com-pleted?	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	N/A						
Hazardous Waste							
Safe Drinking Water Act							
PCBs							
Other (non-PCB) Toxic Substance Control Act							
Lead Based Paint							
Radon							
Clean Water Act							
Solid Waste							
Oil Pollution Act							
USTs							
Other							
Total							

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date. None.

6b.
Does your base have structures containing asbestos?__No_____ What % of your base has been surveyed for asbestos?__Not applicable__ Are additional surveys planned? __No._____ What is the estimated cost to remediate asbestos ($K) Not applicable. Are asbestos survey costs based on encapsulation, removal or a combination of both? Not applicable.

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

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN	N/A	N/A	0	0	0	0	0	0
HA	N/A	N/A	0	0	0	0	0	0
PA	N/A	N/A	0	0	0	0	0	0
Other (DBOF)	N/A	N/A	50K	50K	50K	60K	60K	60K
TOTAL	N/A	N/A	50K	50K	50K	60K	60K	60K

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?	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. Not applicable.

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
N/A						

[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?	NO
Is there a groundwater treatment system planned?	NO

State scope and expected length of pump and treat operation. Not applicable.

7e.

Has a RCRA Facilities Assessment been performed for your base?	NO

7f. Does your base operate any "Conforming Storage" facilities for handling **hazardous materials**? If YES, describe facility, capacity, restrictions, and permit conditions. No.

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**

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 no included in question 7b above. Include capacity, restrictions and permit conditions.

Does your base have any disposal, recycling, or incineration facilities for solid waste?

No.

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
Glendora Site	365	Sullivan County, Indiana

Note: The information provided in the table above was provided in the original response to Data Call 33 for Crane Site, Crane Division.

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.)		0
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 103
		All Others: 0
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		0
Total Undeveloped land considered to be without development constraints		262
Total Off-base lands held for easements/lease for specific purposes		0
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	none
	HERF	none
	HERP	none
	HERO	none
	AICUZ	none
	Airfield Safety Criteria	none
	Other	none

Note: The information provided in the table above was provided in the original response to Data Call 33.

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? None. This does not include buildings or interior small arms ranges used for training purposes.

No dedicated training areas exist.

8d. What is the date of your last AICUZ update? _N/A__/_____/_____ Are any waivers of airfield safety criteria in effect on your base? No. Summarize the conditions of the waivers below.

The Glendora Site has no AICUZ restraints since there is no airfield.

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**
Not Applicable			

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)
Not Applicable					

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

Not Applicable. There are no channels or berthing areas at the Glendora site.

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	**Not Applicable.**
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	**Not Applicable.**
Are the dredged materials considered contaminated? List known contaminants.	**Not Applicable.**

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

Not applicable. The Glendora Site is not located in a coastal zone.

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

Not applicable. The Glendora Site is not located in a coastal zone.

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.	NO

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 exists.

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 <u>other</u> **environmental permits** required for base operations, include any relating to industrial operations.

None

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

None

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

None

Document Separator

DATA CALL 63
FAMILY HOUSING DATA

188

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

Installation Name:	Hydro Test Area Sullivan
Unit Identification Code (UIC):	N/A
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

No housing or budget data associated with this UIC available.

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.

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)

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)

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

J. R. REVER
NAME (Please type of print)

Signature

CAPT. CEC, USN
COMMANDING OFFICER
Title

27 June 1994
Date

SOUTHNAVFACENGCOM
Activity

Enclosure (1)

BRAC-95 CERTIFICATION

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

YVONNE O. SPRING
NAME (Please type or print)

Signature

Housing Management Specialist
Title

27 June 1994
Date

Housing Division
Division

Facilities Management Dept.
Department

SOUTHNAVFACENGCON
Activity

Enclosure (1)

Document Separator

188

N00164

INSTALLATION DATA

GENERAL INFORMATION

This is the first Data Call for the 1995 base realignment and closure (BRAC-95) process. This General Information Data Call is designed to provide the Base Structure Evaluation Committee (BSEC) with a broad view of each installation, looking across the entire range of missions performed, who performs them, and the geographic alignment of each installation (internal to itself and the relationship to the surrounding community). The desired end result of this Data Call is to give the BSEC a complete picture of the shore facility infrastructure and general information on every organization performing a mission for the Department of the Navy today. This review is not limited to "above threshold" activities (those activities with more than 300 civilian personnel). It is absolutely imperative that all organizations complete the appropriate information about their organization so that follow-on Data Calls can be correctly focused and complete. There will be other Data Calls organized by category/subcategory (function) to gather information on military value, capacity, and economic/environmental impact.

The activities receiving this Data Call will fall into one of three categories: host command; tenant command; or independent activity. Each activity will be asked to identify themselves into one of these three categories. Due to the broad nature of the Data Call, not all questions will be applicable to all respondents, but all questions require a complete response. If a question is not applicable to your organization, clearly mark the response as "N/A"; do not leave blank.

The Data Call has been structured so that all responses, with the exception of the facility maps, can be made within the Data Call without the need to provide enclosures. The format for the tabular data allows for the expansion of each row as additional data is inputted, by pressing "enter" each time a new entry is made. Responses should be as complete and concise as possible.

In accordance with SECNAVNOTE 11000 of 08 December 1993, pertaining to the BRAC-95 process, all data provided must be certified and will be submitted hardcopy. Distribution of the Data Calls will flow through the operational command structure and inquiries should be directed in that manner to facilitate consistent and informative responses.

N00164

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	*Glendora Lake Test Facility, Acoustic Engineering Branch, Acoustic Systems Department, Electronic Maintenance Directorate, Crane Division, Naval Surface Warfare Center*
Acronym(s) used in correspondence	*Glendora Lake* *NAVSURFWARCENDIV Crane* *Crane Division, NSWC* *NSWC Crane* *NSWCCD*
Commonly accepted short title(s)	*Glendora Lake* *NSWC Crane*

- Complete Mailing Address

Commander
Code 7053, Bldg 41NE
NAVSURFWARCENDIV
300 Highway 361
Crane, IN 47522-5001

- PLAD: NAVSURFWARCENDIV CRANE IN

- PRIMARY UIC: N00164 (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

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 _____ No ___X___ (check one)

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

• Yes _____ No ___X___ (check one)
• Primary Host (current) UIC: _____
• Primary Host (as of 01 Oct 1995) UIC: _____
• Primary Host (as of 01 Oct 2001) UIC: _____

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

• Yes ___X___ No _____ (check one)

NOTE: The Glendora Lake Test Facility (GLTF) is a remote site, owned and operated by NSWC Crane and is managed (along with numerous test facilities located at the Crane Site) by NSWC Crane Code 7053. Data for the Glendora Lake Test Facility was previously included in NSWC Crane BRAC95 Data Call #1 as a SPECIAL AREA of NSWC Crane. It is being reported separately by official request.

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
The GLTF is a SPECIAL AREA of NSWC Crane but has no special areas itself.	N/A	N/A

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

Name	UIC	Location	Host name	Host UIC
NONE				

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

As reported in BRAC95 Data Call #1, NSWC Crane was impacted directly by BRAC 91 and indirectly by BRAC 93. As an organizational entity of NSWC Crane, the Glendora Lake Test Facility was therefore also affected by those BRAC decisions.

BRAC 91 - The BRAC 91 decision consolidated the NSWC Crane command with the Naval Ordnance Station, Louisville, Kentucky and established the Crane Division as an element of the Naval Surface Warfare Center. Mechanical workload was consolidated at the Louisville site and electronics workload was consolidated at the Crane site. In addition, underwater acoustic In-service Engineering responsibility was realigned from Crane to the Naval Undersea Warfare Center, Newport Division.

As a result of the BRAC 91 actions, the general and administrative support services for the Crane Division were consolidated at the Crane site with a savings of 203 indirect G&A workyears. This savings was 73 workyears beyond the 130 figure required by the BRAC 91 decision. In addition, many of the management information systems supporting the two sites have been consolidated into Crane Division or Naval Surface Warfare Center wide systems.

More specifically in regards to the Glendora Lake Test Facility, it was indirectly affected since it is administratively controlled by NSWC Crane and a small percentage of the test workload was affected by the transfer of the In-Service Engineering responsibility to NUWC Newport. This work represented 12% of the workload at that time, but the loss is more than offset by increased test requirements from projects which remain at Crane.

N00164

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

NSWC Crane's mission is to provide **responsive engineering and industrial base support for weapons systems, subsystems and components**. In terms of skilled people, facilities, product knowledge, and the ability to integrate engineering with "hands on" industrial processes, Crane provides the **broadest, deepest and most advanced industrial base capability that the Navy has to**:

- Ensure technological performance and superiority of Fleet weapons systems

- Provide sustainability and readiness of the Fleet's technological warfighting capabilities

- Work in partnership with industry to maintain sources, improve products, solve technical problems, and advance the participation of commercial suppliers in the defense industrial base

- Provide "last chance" source for products and support of a wide variety of mechanical and electronic components

- Challenge costs of private sector sole source suppliers

- Provide "smart buyer" source for a wide variety of electronic and mechanical components and systems

Specifically, the Glendora Lake Test Facility supports the NSWC mission by providing test services to many of the above activities that require testing in a floating or underwater environment. The majority of these requirements fall under the Acoustic Sensors, Pyrotechnics and Mine Countermeasures Technical Capabilities described above. Specific lake support includes acoustic, hydrodynamic, launch, explosive/pyrotechnic initiations and testing as well as equipment or operator certification and training exercises.

The following is a brief description of the Acoustic Sensors, Pyrotechnics and Mine Countermeasures Technical Capabilities.

N00164

ACOUSTIC SENSORS ENGINEERING/TEST & EVALUATION

- Provide engineering analysis and testing of acoustic sensors and related equipments from time of research and development, during acquisition, and on through final system retirement

- Be a smart buyer by evaluating designs, appraising performance, ensuring producibility, monitoring production and solving production problems

- Maintain capability to respond to emergency Fleet operational demands including engineering, production, logistics, and shipboard repairs

- Provide comprehensive and all encompassing test facilities for airborne and shipboard acoustic devices

PYROTECHNICS

- Perform research and development, design, test and evaluation, and engineering support for Navy pyrotechnics

- Assure that manufacturers deliver safe, reliable and effective pyrotechnics for Fleet use

- Provide Program Management services for pyrotechnics as directed by headquarters

MINE COUNTERMEASURES IN-SERVICE ENGINEERING/SOFTWARE SUPPORT AGREEMENT/DEPOT

- Provide life cycle support for deployed systems

- Develop, maintain and distribute combat systems software

- Provide emergency and last source production capability for combat systems and equipment

- Analyze performance in the Fleet to improve products, investigate problems and implement corrective action

Projected Missions for FY 2001

UNCHANGED

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

The Glendora Lake Test Facility is unique in two ways. First, it provides test and evaluation support for many of the above unique activities at NSWC Crane that require a floating or underwater environment. But other customers with unique missions are supported as well, predominantly including NAVAIR, NAVSEA, SOCOM and other ordnance and sonar transducer users.

Typically, specific test support requiring the lake environment includes acoustic, hydrodynamic, launch, explosive/pyrotechnic initiations and testing as well as on/in the water equipment or operator certification and training exercises. NSWC Crane maintains these test facilities to evaluate underwater devices under simulated ocean conditions. This enables designers to experiment with design changes or operational conditions to better sort out flaws prior to and after expensive full system operational testing in the Navy ocean test ranges.

Secondly, as reported in the NSWC Crane BRAC95 Data Call #5, the Glendora Lake Test Facility is part of a Full-Spectrum Underwater Test Complex that is unique in all the United States. These facilities provide the Navy and DOD contractors with unique underwater test capabilities that are too expensive to duplicate in the private sector. The unique features of this underwater test complex include:

a) FULL-SPECTRUM HYDROACOUSTIC TEST COMPLEX. The composite capabilities for providing total underwater acoustic evaluations in free field, littoral and simulated ocean environments (temperature and pressure) is unique within DOD. Following are individual facility characteristics:

b) ANECHOIC TANK FACILITY. The anechoic test facility comprises the largest high pressure tanks in the United States for acoustic evaluations of devices at simulated temperatures (2 to 50 degrees C) and depths (over 5700 feet). Efficiency and production capacity is also unique because of multiple tanks.

c) GLENDORA LAKE. The combination of features that make this facility unique are:

- 120′ x 5100′ test area
- Remote/Quiet environment as cited in "An Examination of the Suitability of Several Fresh Water Test Facilities for Sonobuoy Mechanical Noise Measurements" of 30 March 94. (quiet relative to low frequency sonobuoy requirements, remote location and highwall boundaries reduce airborne noise, wind, etc.)
- Controlled/Secure Access (completely Navy owned)
- Natural "Littoral" (sloped) test/training site

d) LOW FREQUENCY CALIBRATOR. Capability to calibrate sensitivity and directivity of pressure gradient hydrophones down to 5 Hz at pressures to 10,000 psi at simulated ocean temperatures is unique within the Navy.

Projected Unique Missions for FY 2001

UNCHANGED

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

Operational name	UIC
Commander, Naval Surface Warfare Center	68933

Funding Source	UIC
Defense Base Operating Funds	Multiple

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	0	0	3
Tenants (total)	0	0	0
SELRES Units	0	0	0

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
Reporting Command	0	0	3
Tenants (total)	0	0	0
SELRES Units	0	0	0

The above three civilian personnel have the Glendora Lake Test Facility as their duty station. Additional personnel within code 7053 at the Crane site provide administrative, engineering, computer and technical support as required.

N00164

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.

Title/Name	Office	Fax	Home
• CO/OIC Commander CAPT Stephen Howard	812-854-1210	812-854-3313	812-854-1310
• Duty Officer			
Executive Officer CDR B. R. Bafford	812-854-1411	812-854-3313	812-854-1423
• BRAC Coordinator Robert Matthews	812-854-1534	812-854-2649	812-295-2798
Glendora Lake Manager George T. Moody	812-854-4270	812-854-4554	812-875-3363

N00164

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

- Tenants residing on main complex (shore commands)

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

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NA	NA	NA	NA	NA

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NONE AT GLENDORA LAKE TEST FACILITY					

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NONE AT GLENDORA LAKE TEST FACILITY					

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.)
NONE FOR GLTF		

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

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

DATA CALL #1
HYDROACOUSTIC TEST AREA SULLIVAN IN

JL
SEA 09X
7/8/94

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print~~ ~~Signature~~

~~Title~~ ~~Date~~

~~Activity~~

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

Commander
Title

1 July 94
Date

Naval Surface Warfare Center
Activity

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

MAJOR CLAIMANT LEVEL

G. P. STRIMER
NAME (Please type or print

Signature

Commander
Title

7-8-94
Date

Naval Sea Systems Command
Activity

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

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

J. B. GREENE, JR.
NAME (Please type of print

Signature

ACTING
Title

14 JUL 1994
Date

NSWC Crane Division
Glendora Test Area
Data Call #1
(A.K.A. HYDROACOUSTIC TEST AREA SULLIVAN IN)

JL
SEA 09X
7/8/94

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

G. THEIS
NAME (Please type or print)

G. A. Theis
Signature

ACTING FOR COMMANDER
Title

23 JUN 94
Date

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
Activity

Document Separator

188

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:	Naval Surface Warfare Center, Crane Division
UIC:	N00164
Major Claimant:	Naval Sea Systems Command

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

NOTE: The Strategic Development Group, Inc. compiled some of this information using information provided by Hoosier Energy REC, Inc., Community Chambers of Commerce, School Systems and other groups, U. S. Department of Commerce, and Southern Indiana Development Commission. Therefore, the Source of Data block will identify Strategic Development Group, Inc.; however, these various other sources were used to gather the information.

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.**

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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:	42,867

Source of Data (1.a. Salary Rate): FY96/97 NSWC Crane Division DBOF Budget Submit to NAVCOMPT (DONIBIS dated 6/23/94)

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

b. Location of Residence. Complete the following table to identify where employees live. Data should reflect current workforce.

1) Residency Table. Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

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			
Greene	IN	16	974	21.8	18	20
Lawrence	IN	12	883	19.7	18	20
Monroe	IN	25	716	16.3	28	30
Martin	IN	46	675	15.9	18	20
Daviess	IN	9	616	13.8	30	35
Knox	IN	0	107	2.4	43	50
Orange	IN	0	95	2.1	35	40
Other	IN, CA, MN, IL	1	362	8.0	50	60
		109	4,428	= 100%		

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

2) Location of Government (DoD) Housing. If some employees of the base live in government housing, identify the county(s) where government housing is located: Martin

Source of Data (1.b. 1) & 2) Residence Data): NSWC Crane Division Personnel Department using NCPDS & Tenant Activities

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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)
Indianapolis, IN	Marion	77
Evansville, IN	Vanderburgh	80
Louisville, KY	Jefferson	90
Cincinnati, OH	Hamilton	130
Lexington, KY	Fayette	168

Source of Data (1.c. Metro Areas): Rand McNally Road Atlas and 1990 Census Data

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	2	-0-
20 - 24 Years	122	2.8
25 - 34 Years	971	21.9
35 - 44 Years	1,364	30.9
45 - 54 Years	1,611	36.4
55 - 64 Years	340	7.7
65 or Older	18	.3
TOTAL	4,428	100 %

Source of Data (1.d.) Age Data): NSWC Crane Division Personnel Department using NCPDS and Tenant Activities

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	6	.2
9th through 11th Grade	81	1.8
12th Grade or High School Equivalency	2,196	49.6
1-3 Years of College	809	18.3
4 Years of College (Bachelors Degree)	967	21.8
5 or More Years of College (Graduate Work)	369	8.3
TOTAL	4,428	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.)	458
Associate Degree	364
Bachelor Degree	1,059
Masters Degree	217
Doctorate	22

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): NSWC Crane Division Personnel Department using NCPDS & Tenant Activities

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	5	0.1
2. Construction (includes facility maintenance and repair)	15-17	116	2.6
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	135	3.0
3b. Aircraft (includes engines and missiles)	3721 et al	68	1.5
3c. Ships	3731	121	2.7
3d. Other Transportation (includes ground vehicles)	various	-0-	-0-
3e. Other Manufacturing not included in 3a. through 3d.	various	280	6.3

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
Sub-Total 3a. through 3e.	20-39	514	13.6
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	26	0.6
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	129	2.9
4c. Water Transportation (includes organizational level maintenance)	44	-0-	-0-
4d. Air Transportation (includes organizational level maintenance)	45	-0-	-0-
4e. Other Transportation Services (includes organizational level maintenance)	47	116	2.6
4f. Communications	48	19	0.4
4g. Utilities	49	43	1.0
Sub-Total 4a. through 4g.	40-49	333	7.5
5. Services	70-89		
5a. Lodging Services	70	-0-	-0-
5b. Personal Services (includes laundry and funeral services)	72	-0-	-0-
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	681	15.4
5d. Automotive Repair and Services	75	10	0.2
5e. Other Misc. Repair Services	76	54	1.2
5f. Motion Pictures	78	-0-	-0-
5g. Amusement and Recreation Services	79	1	-0-
5h. Health Services	80	14	0.3

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5i. Legal Services	81	4	0.1
5j. Educational Services	82	12	0.3
5k. Social Services	83	-0-	-0-
5l. Museums	84	-0-	-0-
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	1,588	35.9
5n. Other Misc. Services	89	580	13.1
Sub-Total 5a. through 5n.:	70-89	2,944	66.5
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	211	4.8
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	136	3.1
6c. Public Finance	93	57	1.3
6d. Environmental Quality and Housing Programs	95	22	0.5
Sub-Total 6a. through 6d.		426	9.6
TOTAL		4,428	100 %

Source of Data (1.f.) Classification By Industry Data): NSWC Crane Division Administrative Officers & Tenant Activities

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	640	14.5
2. Professional Specialty		
2a. Engineers	828	18.7
2b. Architects and Surveyors	4	0.1
2c. Computer, Mathematical & Operations Research	140	3.2
2d. Life Scientists	-0-	-0-
2e. Physical Scientists	21	0.5
2f. Lawyers and Judges	3	0.1
2g. Social Scientists & Urban Planners	-0-	-0-
2h. Social & Recreation Workers	-0-	-0-
2i. Religious Workers	-0-	-0-
2j. Teachers, Librarians & Counselors	1	-0-
2k. Health Diagnosing Practitioners (Doctors)	1	-0-
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	6	0.1

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2m. Communications	19	0.4
2n. Visual Arts	6	0.1
Sub-Total 2a. through 2n.:	1,029	23.2
3. Technicians and Related Support		
3a. Health Technologists and Technicians	11	0.2
3b. Other Technologists	1,114	25.2
Sub-Total 3a. and 3b.:	1,125	25.4
4. Administrative Support & Clerical	504	11.4
5. Services		
5a. Protective Services (includes guards, firefighters, police)	103	2.3
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.	103	2.3
6. Agricultural, Forestry & Fishing	5	0.1
7. Mechanics, Installers and Repairers	145	3.3
8. Construction Trades	93	2.1
9. Production Occupations	475	10.7
10. Transportation & Material Moving	173	3.9
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	136	3.1
TOTAL	4,428	100 %

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.g.) Classification By Occupation Data): NSWC Crane Division Administrative Officers & Tenant Activities

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:	69%
2. Percentage of Military Spouses Who Work Outside of the Home:	53%
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:	2.5%
3b. Employed "On-Base" - Non-Appropriated Fund:	42.5%
3c. Employed "Off-Base" - Federal Employment:	5.0%
3d. Employed "Off-Base" - Other Than Federal Employment	50.0%

Source of Data (1.h.) Spouse Employment Data): Military Management, NSWC Crane Division

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2. Infrastructure Data. For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.

B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.

C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

Table 2.a., "Local Communities": This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

Table 2.b., "Economic Region": This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

For both tables, annotate with an asterisk (*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

a. Table A: Ability of the local community to meet the expanded needs of the base.

1) Using the **A - B - C** rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	C	C	C
Schools - Public	A	B	C
Schools - Private	N/A	N/A	N/A
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	N/A	N/A	N/A
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	B	C
Police	A	B	B
Health Care Facilities	B	C	C
Utilities:			
Water Supply	A	B	B
Water Distribution	A	B	B
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	B	B	B
Recreational Activities	A	A	A

Remember to mark with an asterisk any categories which are wholly supported on-base.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

1) Off-Base Housing - According to the 1990 Census of Population and Housing, there were a total of 4,116 housing unit in Martin County, of which 3,836 were occupied and 280 were vacant. An employee increase of 20% and above would require substantial investment to provide 500 + units in the county. Also, better than 2/3 of the land area of Martin County is encumbered by the Hoosier National Forest and the Naval Surface Warfare Center, Crane Division. A substantial portion of the remained of available land is used for agricultural purposes and would be unavailable for housing developments.

2) Public Schools - Currently, Martin County high schools could absorb 1,457 additional students.

3) Fire Protection - An employee increase of 100% or more would likely double the current housing units in Martin County and an investment in local fire protection would be necessary.

4) Health Care Facilities - There are presently no hospitals, no emergency care facilities, and only a limited number of physicians in Martin County. An employee increase of 50% or more would increase the current housing units and population by over 50% making a hospital or a large medical clinic imperative, along with a substantial increase in the number of health care professionals.

Source of Data (2.a. 1) & 2) - Local Community Table): Strategic Development Group, Inc.

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	B	B	B
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	N/A	N/A	N/A
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	A	A
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:			
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	B	B	B
Recreation Facilities	A	A	A

Remember to mark with an asterisk any categories which are wholly supported on-base.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

Source of Data (2.b. 1) & 2) - Regional Table): Strategic Development Group, Inc.,

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:

Rental Units: 6.5% vacancy rate for the region

Units for Sale: 6.0% vacancy rate for the region

Source of Data (3.a. Off-Base Housing): Strategic Development Group, Inc. using U.S. Census data

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	
Barr Reeve	Daviess	1	1	1	696	800	22-1	30-1	No
Washington	Daviess	4	1	1	2,482	2,970	20-1	30-1	No
North Daviess	Daviess	4	1	1	1,276	1,575	19-1	24-1	No
Grace Christian	Daviess	1	1	1	70	110	15-1	20-1	No
Trinity Holiness	Daviess	1	1	1	30	50	10-1	13-1	No
Washington Catholic	Daviess	1	1	1	433	800	12-1	15-1	No
Greater Jasper	Dubois	6	2	2	2,825	NA	20.2-1	NA	No
NE Dubois	Dubois	2	1	1	1,020	1,070	20.9-1	20-1	No
SE Dubois	Dubois	3	1	1	1,466	1,566	19.6-1	NA	No
SW Dubois	Dubois	3	1	1	1,663	1,775	19-1	NA	No
Bloomfield	Greene	1	1	1	1,104	1,500	17-1	24-1	No
Shakamak	Greene	1	1	1	1,088	1,500	16-1	22-1	No
Linton-Stockton	Greene	1	1	1	1,449	1,500	16-1	17-1	No
White River Valley	Greene	2	2	1	1,060	1,500	13-1	18-1	No
Eastern	Greene	1	1	1	1,255	1,255	16-1	16-1	No
North Knox	Knox	3	1	1	1,836	NA	18.5-1	20-1	No
South Knox	Knox	2	1	1	NA	NA	18.5-1	20.4-1	No
Vincennes Community	Knox	6	1	1	3,457	NA	17-1	NA	No
Catholic	Knox	1	0	0	363	NA	NA	NA	No
Bedford North Lawrence	Lawrence	9	3	1	5,312	6,000	20-1	35-1	No
Mitchell	Lawrence	2	1	1	2,039	2,594	21-1	27-1	No
St. Vincent	Lawrence	1	1	0	160	240	13-1	30-1	No
Stone City Christian	Lawrence	1	1	1	62	75	9-1	12-1	No
Springville Christian	Lawrence	1	1	1	47	47	8-1	8-1	No
Loogootee	Martin	1	1	1	1,164	2,060	16-1	23-1	Yes

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Shoals	Martin	1	1	1	739	1,300	15-1	20-1	No
Monroe County School District	Monroe	14	2	2	10,375	14,000	20-1	30-1	No
Richland Bean-Blossom	Monroe	3	1	1	2,664	2,674	21-1	NA	No
Orleans	Orange	1	0	1**	800	1,000	18-1	20-1	No
Paoli Community School Corporation	Orange	1	1	1	1,687	2,100	21.5-1	30-1	No
Springs Valley	Orange	1	0	1**	991	950	22.5-1	30-1	No
SW Schools	Sullivan	3	2	1	1,986	2475	16-1	20-1	No
Northeast Schools	Sullivan	4	4	2	1,610	2,300	14-1	20-1	No

**--High School and Middle School are combined
NA--Information not available from school administrators.
*--Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.

Source of Data (3.b.1) Education Table): Strategic Development Group, Inc.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

None

Source of Data (3.b.2) On-Base Schools): NSWC Crane Division Military Management

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 :

Indiana University
Oakland City College
Vincennes University
Indiana State University
Rose Hulman
Indiana Vocational Technical College

Source of Data (3.b.3) Colleges): Strategic Development Group, Inc.

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:

Indiana Vocational Technical College major curriculums include Accounting, Administrative Office Technology, Business Management, Computer Information Systems, Drafting/CAD Technology, Electronics, Heating/Air Conditioning/Refrigeration, and Practical Nursing.

Source of Data (3.b.4) Vo-tech Training): Strategic Development Group, Inc.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:		X
Rail:		X
Subway:		X
Ferry:		X

Source of Data (3.c.1) Transportation): Strategic Development Group, Inc.

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.

Location: Indianapolis, IN
Distance: 77 miles

Source of Data (3.c.2) Transportation): Strategic Development Group, Inc.

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.

Location: Indianapolis, IN
Distance: 77 miles

Source of Data (3.c.3) Transportation): Management Systems Directorate, NSWC Crane Division

4) How many carriers are available at this airport? 16

Source of Data (3.c.4) Transportation): Public Affairs & Marketing Office, Indianapolis International Airport

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

ACCESS TO CRANE FROM THE SOUTH VIA INTERSTATE ROUTE I-64 - Interstate 64 is located approximately 50 miles south of Crane via U. S. Route 231.

ACCESS TO CRANE FROM THE NORTH VIA INTERSTATE ROUTE I-70 - Interstate 70 is located approximately 60 miles north of Crane via U. S. Route 231 and State Road 43.

ACCESS TO CRANE FROM PROPOSED INTERSTATE ROUTE I-69 - Proposed I-69 will pass within a few miles of the Crane Gate on the western border of Crane.

Source of Data (3.c.5) Transportation): Public Works Directorate, NSWC Crane Division

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.)

GENERAL ACCESS - The access roads in the immediate vicinity of Crane Division, Naval Surface Warfare Center (Crane) are generally two lane, undivided highways that traverse rural areas.

ACCESS GATES - Access to Crane is provided by five gates. Two gates, Bloomington and Crane, are open 24 hours. The Bloomington Gate is on the northern border and provides access to State Road 45 and 58. The Crane Gate is on the western border and provides access to U.S. Route 231. In addition, access to the southwest portion of the activity is provided by the Burns City Gate which can be reached via U.S. Route 231 and State Road 645. The Bedford Gate provides access to the eastern portion of the activity and can be reached via State Road 158. The southern portion of the activity can be reached through the Dover Hill Gate from State Road 450. These three gates are open for two to three hours in the morning and two to three hours in the evening when a majority of the activity's workforce is either entering or leaving work. Due to Flextime, congestion at all gates is minimal.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

ACCESS TO CRANE FROM THE SOUTH VIA INTERSTATE ROUTE I-64 - Interstate 64 is located approximately 50 miles south of Crane via U.S. Route 231. Capacity is generally favorable along the rural segments of U.S. Route 231, although volumes are high between Jasper and Huntingburg. Fortunately, U.S. Route 231 between these two communities was reconstructed in the mid-1960's and the segments near the towns were built on new locations in the 1970's.

Capacity problems on U.S. Route 231 in Jasper occur during peak hours, specifically in the Central Business District area. Jasper is an employment center in southwest Indiana, attracting workers from the area as well as surrounding counties. Some minor congestion is occasionally present in Loogootee where U.S. Route 50 and Route 231 run concurrently, and similar congestion is experienced in Huntingburg.

ACCESS TO CRANE FROM INTERSTATE ROUTE I-70 - From I-70 the roads which provide access to Crane are generally two lane, undivided highways that are located in rural areas. Occasional truck passing lanes and four lane undivided segments are located on the concurrent routing of U.S. Route 231 and State Road 67 between Worthington and Spencer. Truck passing lanes are also located north of Spencer on U.S. 231/State Road 67. Capacity is generally favorable along the entire corridor although some minor congestion is occasionally present in Spencer as U.S. Route 231, State Road 67, and State Road 46 run concurrently.

ACCESS TO CRANE FROM PROPOSED INTERSTATE ROUTE I-69 - Proposed I-69 will pass within a few miles of the Crane Gate on the western border of Crane. Capacity is generally favorable on this segment of U.S. Route 231.

b) Do access roads transit residential neighborhoods?

ACCESS TO CRANE FROM INTERSTATE ROUTE I-64 - U.S. Route 231 passes through the following communities: Farlen (unincorporated); Bramble (unincorporated); Loogootee, 1980 population, 3,100; Whitfield (unincorporated); Haysville (unincorporated); Jasper-County Seat of Dubois County, 1980 population 9,097; Huntingburg, 1980 population 5,376. The most significant residential areas traversed are in Jasper, Huntingburg, and Loogootee.

ACCESS TO CRANE FROM INTERSTATE ROUTE I-70 - U.S. Route 231 passes through the following communities: Bloomfield - County Seat of Greene County, 1980 population 2,705; Elliston (unincorporated); Worthington, 1980 population 1,574; Freedom (unincorporated); Spencer - County Seat of Owen County, population 2,732; and Cloverdale, 1980 population 1,357. The most significant residential neighborhoods traversed are in Spencer and Bloomfield.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

ACCESS TO CRANE FROM PROPOSED INTERSTATE ROUTE I-69 - No residential communities are impacted.

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

ACCESS TO CRANE FROM INTERSTATE ROUTE I-64 - No known restrictions exist with the exception of the residential communities of Jasper, Loogootee, and Huntingburg. The Indiana Department of Transportation is studying the feasibility of a new U.S. Route 231 from Interstate Route 64 to just south of State Road 56. This new corridor would bypass Jasper and Huntingburg.

ACCESS TO CRANE FROM INTERSTATE ROUTE I-70 - No known restrictions exist with the exception of the residential communities of Bloomfield, Worthington, Spencer, and Cloverdale.

ACCESS TO CRANE FROM PROPOSED INTERSTATE ROUTE I-69 - No known restrictions exist.

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

ACCESS TO CRANE FROM INTERSTATE ROUTE I-64. Vertical clearance restrictions exist at the structure over the East Fork of the White River (14'-06").

ACCESS TO CRANE FROM INTERSTATE ROUTE I-70. None.

ACCESS TO CRANE FROM PROPOSED INTERSTATE ROUTE I-69. None.

Source of Data (3.c.6) Transportation): Public Works Directorate, NSWC Crane Division

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.

The NSWC Crane Division has nine Mutual Aid Agreements in effect with surrounding communities. The latest agreements were signed and effective on 19 June 1991. They will remain in effect for the concurrent years unless they are modified by Command and parties with whom they are signed.

Mutual Aid Agreements are specifically for firefighting assistance. However, the Crane Division Fire Protection Branch has rendered assistance in situation involving natural disasters where life and property were in jeopardy. Assistance has been for such things as portable pumps, tankers for water, potable water and hose.

Because the local counties are poor and lack the financial support to mitigate any situation on a large scale, the Mutual Aid Agreements that are signed and in place are, for all practical purposes, to support the local communities. All of the nine communities lack the necessary training in hazardous materials accidents, explosives, pyrotechnics, propellants, and the proper equipment to deal with this type of incidents. Conversely, the local community is limited in their ability to support the Crane Division. Our communities are largely dependent upon Crane while Crane can stand alone.

The current Mutual Aid Agreements are with:

1. Bloomfield Volunteer Fire Department
2. Loogootee Volunteer Fire Department
3. Martin County Civil Defense Fire and Rescue
4. Owensburg Firefighters, Inc. Owensburg, Indiana
5. Perry Township Fire Department
6. Richland-Taylor Townships Volunteer Fire Department
7. Madison Township Volunteer Fire Department
8. Indian Creek volunteer Fire Department
9. City of Linton, Linton, Indiana

Source of Data (3.d. Fire/Hazmat): Resouce Protection Department, NSWC Crane Division

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Police Protection.

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

Basically exclusive. State reserved the right to levy and collect taxes on incomes of individuals and corporations on the installation. All reserved the right to execute summons and warrants on installations for incidents occurring outside the installation.

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 other.

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

Assistance agreements provide specialized equipment and personnel to operate the equipment. Local law enforcement reciprocates by providing air surveillance and personnel to act as containment off the installation. All parties share in exchange of law enforcement intelligence.

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.

The Crane Division provide military working dog teams for humanitarian purposes and optic night vision devices for surveillance. The agreements are with:

Martin County Sheriff Dept. - Intelligence and Containment
Lawrence County Police Dept. - Intelligence and Containment
Daviess County Sheriff Dept. - Intelligence and Containment
Greene County Sheriff Dept. - Intelligence and Containment
Indiana State Police - Intelligence, Containment and Air Surveillance

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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.

No written agreements but NSWC Magistrate Court services cases initiated by U.S. Forest Service and U.S. Fish and Wildlife.

Source of Data (3.e. 1) - 5) - Police): Security Department, NSWC Crane Division

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.

WATER

Crane exclusively provides the town of Burns City, potable water service for approximately 84 residents.

NSWC Crane Division provides Crane Village and Crane Village North with emergency service.

The Town of Crane Village provides water service to the Personal Property Office located between the business district and the Crane Gate.

Eastern Heights Utilities Inc. exclusively provides water service to the Bloomington Gate and the military residence, Farm House No. 5.

SEWAGE

Crane exclusively provides Crane Village and Crane Village North with sewage service.

HEATING

Crane exclusively purchases approximately $1.7 million of natural gas from the Indiana Gas Company, Inc. (Note: Any maintenance and/or expansion of service is accomplished by Indiana Gas Company, Inc. through local sub-contractors).

Crane purchases approxmately 249,784 gallons annually of heating fuel oil from various local suppliers at a cost of $175,000.

Crane purchases approxmately 41,425 gallons annually of propane from various local suppliers at a cost of $26,000.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

ELECTRICITY

Crane purchases approximately $3 million of electricity annually from Public Service Indiana (PSI).

Hoosier Energy is a second source of power which operates as a sub-contractor to PSI.

Crane purchases electricity from Daviess-Martin County REMC for the Dover Hill Gate.

Crane purchases electricity from Sullivan County REMC for the Dugger Lake/Glendora Lake Test Facilities.

Electricity for the Personal Property Office, located between the Crane Village Business District and the Crane Gate, is provided by the Town of Crane.

(Note: Any maintenance and/or expansion of service is accomplished by PSI or Hoosier Energy through local sub-contractors).

TELEPHONE

Crane purchases approximately $180,000 annually of long distance telephone service from AT&T.

Crane purchases approximately $240,000 annually of long distance telephone service from FTS2000.

Crane purchases approximately $60,000 annually of long distance and local telephone service from GTE.

Crane purchases approximately $2,100 annually of telephone service from Indiana Bell for the Dugger Lake/Glendora Lake Test facilities.

Crane purchases telephone installation and maintenance, including fiber optic networks, from a Purchase of Telephone and Services (POTS) contract which utilizes local residents as employees at an annual cost of approximately $700,000.

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 interruptions of delivery during the last five years has occurred.

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.

The activity has not been subject to any significant disruptions in utility service in the last five years.

Source of Data (3.f.1)-3) Utilities): Public Works Directorate, NSWC Crane Division

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. Indiana University - Bloomington	Education	6,000
2. Crane NSWC	Naval Support	3,711
3. Thomson Consumer-Electronics	Televisions	1,750
4. General Electric	Refrigerators/Freezers	1,700
5. Bloomington Hospital	Medical Services	1,500
6. Vincennes University	Education	2,000
7. Cook, Inc.	Medical Instruments	1,000
8. General Motors Foundry	Automotive Parts	1,400
9. Ford Electronics	Automotive Parts	1,000
10. Shenandoah Products	Food Processing	1,000

Source of Data (4. Business Profile): Strategic Development Group, Inc.

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: This region has seen a general downsizing of a number of major employers over the past 5 years.

   b. Introduction of New Businesses/Technologies: There have been few new major business locations in the region in the past 5 years. The largest locations have been Shenandoah Products in Daviess County and a new state prision in Sullivan County. There have been smaller new business locations throughout the region.

   c. Natural Disasters: As a region this area has not suffered major natural disasters. One county (Pike) had substantial torando damage within the past 5 years.

   d. Overall Economic Trends: In general this region of southwest Indiana has a significant dependence upon NSWC Crane for employment. The projected trend for the area shows a loss of manufacturing employment and overall population in many counties.

Source of Data (5. Other Socio/Econ): Strategic Development Group, Inc.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

A GOOD NEIGHBOR

Crane Division enjoys an outstanding relationship with southern Indiana. As a major employer, Crane recognizes its responsibility to provide more than jobs and contracting dollars. The community's response has been to support the Division and its mission to a level unsurpassed anywhere. Crane is truly viewed as **a good neighbor.**

The Crane Division of the Naval Surface Warfare Center is the largest industrial employer in southern Indiana. As such, the Division is a **vital component of the state's economy**. But as important as the monetary contributions of payroll, benefits, and contracts are to the region, Crane is also a **valued member of the community** in many other ways.

ENVIRONMENT

One of Crane's principal contributions to the betterment of southern Indiana is in protection of the environment and the **preservation of natural resources**. A high priority of Division management, Crane's environmental program has been repeatedly recognized for excellence at all levels of the Navy and Department of Defense. The base conserves landfill space and lowers costs through extensive recycling of paper, aluminum, steel, precious metals, and other materials.

Crane personnel have taken a **leadership role in assisting area communities** in developing their own environmental protection programs, sharing expertise, technology, and resources in a common effort to preserve the natural beauty of southern Indiana.

The Division has three full-time naturalists, who work closely with the **Indiana Department of Natural Resources, Purdue University, and other institutions** to manage Crane's timber resources and wildlife population. Over the years, the Division has been **instrumental in efforts to reestablish deer, wild turkeys, and bald eagles** to southern Indiana.

EDUCATION

Recognizing the challenges faced by the predominantly rural school systems of southern Indiana, particularly in math and science education, Crane established a **School Partnership Program**. Now more than ten years old, the Division's program extends to **over 40 middle and high schools** in the region. Assistance provided by Crane personnel includes tutoring, career counseling, tours of Division high-technology work areas, in-class presentations by Crane scientists and engineers, and job shadowing.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

The Division holds an **annual Science Fair Workshop** in conjunction with Indiana University in which students and teachers (over 850 last year) visit Crane to learn how to select and develop a science fair project. They also tour work areas to see how the scientific principles they learn in the classroom are applied in the defense of their country. The Division also hosts an **annual Science and Engineering Fair** which drew almost 350 entries this past spring. Students competed for over $4,000 in cash awards donated by Crane employees and organizations. In addition to assisting students, the Division is working with school administrators to help expand their management skills in such areas as strategic planning. Crane management also works closely with Indiana's colleges and universities to develop **educational programs beneficial to Division personnel and the public at large.**

ECONOMIC DEVELOPMENT

For a number of years, Crane has joined with the Indiana Department of Commerce, area chambers of commerce, and other organizations, such as the Indiana Business Modernization and Technology Corporation, in **working to develop and expand the state's economy**. These efforts take the form of participation in regional business expos, congressional contracting conferences, professional organizations' symposia, and similar development activities. Crane's assistance to **small and disadvantaged business** was recently recognized with the Secretary of the Navy's **Award for Excellence**.

RECREATIONAL OPPORTUNITIES

Blessed with nearly **100 square miles** of gently rolling hills covered by hardwood forests, Crane is well known for its **natural beauty.** The Division goes to great lengths to share this bounty with the surrounding community:

- public fishing and boating on 800-acre Lake Greenwood
- annual deer and wild turkey hunts
- small game trapping
- mushroom and ginseng hunts
- 5K, 10K, and mini-marathon runs
- 15, 30, and 50-mile bicycle rides
- Junior National Biking Championships
- spring and fall foliage tours
- fishing tournaments
- biannual Armed Forces Day open house
- boy, girl, and cub scout campground and hiking trails

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

OTHER OUTREACH ACTIVITIES

Division management encourages employees to participate in community activities and organizations. Crane officials belong to area **chambers of commerce, economic development organizations, a variety of education committees, the Southern Indiana Mayors Roundtable**, and many other groups dedicated to improving the area. Bloodmobiles visit the Division four times a year, and Crane is the **second largest source of blood donations** in the Louisville region. Finally, Crane annual contributions to the Combined Federal Campaign are vital to area charitable organizations.

Source of Data (6. Other): Public Affairs Office, NSWC Crane Division

Naval Surface Warfare Center
Crane Division
Data Call #65

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

NEXT ECHELON LEVEL (if applicable)

CAPT. R. W. GILBERT
NAME (Please type or print)

Signature

Commander, Acting
Title

14 July 94
Date

Naval Surface Warfare Center
Crane Division
Activity

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

NEXT ECHELON LEVEL (if applicable)

RADM (Sel) D. P. SARGENT, JR.
NAME (Please type or print)

Signature

COMMANDER
Title

7/19/94
Date

NAVAL SURFACE WARFARE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

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

Signature

Title

7/25/94
Date

Naval Sea Systems 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)

Signature

Title

8/4/94
Date

Naval Surface Warfare Center
Crane Division
Data Call #65

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

CDR B. R. BAFFORD
NAME (Please type or print)

Signature

Executive Officer
Title

13 Jul 94
Date

Naval Surface Warfare Center
Crane Division
Activity

Document Separator

MILITARY VALUE DATA CALL

TECHNICAL CENTERS

Category	**Weapon system and material support**
Technical Center Site	**NAVSEACENPAC**
Location/Address	**PLANT 19 4297 Pacific Highway San Diego, CA 92186-5548**

Page

Mission

1. Mission Statement 1
2. Joint Service Missions 1

Technical Functions

3. Technical Functions Resource Allocations 2

Manpower

4. Work Breakdown Structure 3
5. Technical Staff Qualifications 8

Facilities and Equipment

6. Special Facilities/Equipment Resources 12
7. General Facilities/Equipment Resources 13

Location

8. Geographic Location 14

Features and Capabilities

9. Computational Facilities 15
10. Mobilization Responsibility and Capability 15
11. Range Resources 16

Quality of Life

12. Military Housing 17

13. MWR Facilities 26
14. Base Family Support Facilities 28
15. Metropolitan Areas 29
16. VHA 30
17. Off-base Housing Rental and Purchase 31
18. Sea Intensive Ratings 33
19. Commute 33
20. Educational Opportunities 33
21. Employment Opportunities 37
22. Medical/Dental 37
23. Crime Rate 37

TAB A Technical Operations: Functional Support Area - Life Cycle Work Area Form

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

TAB C Range Resources: Range Capability Form **N/A**

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.

NAVSEACENPAC's mission is to represent the Commander, Naval Sea Systems Command (COMNAVSEASYSCOM) in designated geographical areas in matters of technical and logistical services to the fleet associated with the installation, operation, and maintenance of shipboard equipment and systems, and performed by in-house and contract personnel trained in engineering, logistic, and technical disciplines. NAVSEACENPAC's designated geographical area extends from West of the Mississippi River to the Indian Ocean operating areas.

Reference NAVSEASYSCOMINST 5450.20B

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

page____of____
UIC_____

TECHNICAL FUNCTIONS

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

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

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

page____of____
UIC_____

MANPOWER

4. **Work Breakdown Structure.**

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

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

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

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

NOTES:

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

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

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

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

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

page____of____
UIC_____

Table 4.1, General Support Resources for (Activity:NAVSEACENPAC) (UIC:65913)

Function	Space allocated (Gross SQFT)	Work Years (civilian)	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	5,409	10	10		2	2
Comptroller	4,380	13	13			
Admin	900	8	8			
Human Resources	Provided	by NISE	West SD			
OPERATIONS SUPPORT						
Supply Management	27,599	15	15	1		
Consolidated Computational Computer Support	N/A					
Information Systems and Communications	6,660	14	14			
Safety/OSH/Environmental	253	1	1			
INFRASTRUCTURE						
Physical Security	605	2	2			
Public Works/Staff Civil Engr						
Fire Protection	Provided	by CONVAIR	SPACE	SYSTEM	DIV	
Medical/Dental						
Military Support						
Air/Waterfront Operations	108,003	400	399	4	2	40
Other (Misc Labs)	2,856					
TECHNICAL STAFF						
Technical Operations						
Totals	156,665	463	462	5	4	42

page____of_____
UIC_____

Table 4.2, General Support Resources for all Detachments (Activity:NAVSEACENPAC San Diego) (UIC:65913)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/ XO/ TD/etc.)	1,250	6	3			
Comptroller *						
Admin *						
Human Resources *						
OPERATIONS SUPPORT						
Supply Management *						
Consolidated Computational Computer Support						
Information Systems and Communications *						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security *						
Fire Protection *						
Military Support						
Air/Waterfront Operations	6,640	22	17			
Other						
TECHNICAL STAFF						
Technical Operations						
Totals	7,890	28	20			

*** All provided by Headquarters San Diego or by host activity.**

Work years include Long Beach & Mare Island for FY94.
Long Beach will close 1 July 94 & personnel will transfer to San Diego.
Personnel on board is Mare Island only as of 9/30/94.
Mare Island will close 1 March 95 & personnel will transfer to San Diego.

page____of____
UIC_____

Table 4.3, Previous BRAC Impact to General Support Resources for (Activity:NAVSEACENPAC FSO LONG BEACH CA) (UIC:45628)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)	800	3	3			
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	2490	17	17			
Other						
TECHNICAL STAFF						
Technical Operations						
Totals	3290	20	20			

*** All provided by Headquarters or by Host activity.**

NAVSEACENPAC FSO LONG BEACH CA will close 1 July 94 and the personnel will transfer to NAVSEACENPAC Headquarters San Diego.

page____of____
UIC_____

Table 4.3, Previous BRAC Impact to General Support Resources for (Activity:NAVSEACENPAC FSO Mare Island) (UIC:32092)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)	450	3	3			
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	4,150	17	17			
Other						
TECHNICAL STAFF						
Technical Operations						
Totals	4,600	20	20			

*** All provided by Headquarters or by Host activity.**

NAVSEACENPAC FSO MARE ISLAND CA will close 1 March 95 and the personnel will transfer to NAVSEACENPAC Headquarters San Diego.

page____of____
UIC_____

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:NAVSEACENPAC) (UIC:65913)

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School	1			1		2
High School	8	47	51	37	217	360
B.A./B.S	5	23	20	8	50	106
M.A./M.S			1		13	14
Ph.D./ M.D.			1		1	2
Total	14	70	73	46	281	484

page____of____
UIC_____

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, Number of civilian personnel in Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated.

(Activity:NAVSEACENPAC SAN DIEGO) (UIC:65913,32092, & 31150)

Academic field	Number
Physics	2
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	8
Medical	
Dental	
Computer Science	2
Social Science	1
Other Science	3
Non-Science	
Total	16

page____of____
UIC_____

Table 5.2, Technical Staff Education Level for all Detachments (Parent Activity:NAVSEACENPAC_) (UIC:_65913_)

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School						
High School		2	2	2	15	21
A.A./A.S				2	2	4
M.A./M.S						
Ph.D./ M.D.						
Total		2	2	4	17	25

*** Education levels include FSO Mare Island and FSO Long Beach.**

page____of____
UIC_____

Table 5.3, Number of civilian personnel in Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated for Detachments. (Parent Activity:NAVSEACENPAC) (UIC:65913)

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

*** Staff academic fields include FSO Long Beach and Mare Island.**

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

San Diego is a desirable location due to the mild climate, however, housing is very expensive.

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

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

f. Identify any Nobel laureates employed at this activity. **N/A**

page____of____
UIC_____

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

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

Date	Award	Type
05/23/90	**Cash**	**Group, Special Achievement (SA)**
08/10/90	**Cash**	**Group, SA**
04/17/91	**Cash**	**Group, SA**
10/07/91	**Cash**	**Group, SA**
09/09/92	**Cash**	**Single, SA**
09/30/92	**Cash**	**Group, SA**
01/07/93	**Cash**	**Group, SA**
02/23/93	**Cash**	**Group, SA**
03/15/94	**Cash**	**Group, SA**

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

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

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

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

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

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

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

FACILITIES AND EQUIPMENT

6. **Special Facilities/Equipment Resources.** Include a copy of the form provided at Tab B of this data call for each facility and "major" piece of equipment located at this activity.

page____of____
UIC_____

Include information on separate detachments. The following definitions will apply:

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

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

Equipment - Resources used to support the operation of the site with a replacement value of $500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment.

Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets. Where appropriate, pieces of equipment can be aggregated for the purposes of completing Tab B.

7. **General Facilities.**

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

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

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

(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.

page____of____
UIC_____

(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: **N/A**

(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.
NAS MIRAMAR, 17 MILES (1 WAY)
SUBASE SD SUBMARINE PIERS 8 MILES (1 WAY)
NAVAL STATION SD PIERS, 9 MILES (1 WAY)

e. How many certified magazines, used for the storage of explosives, does this activity own or control? What is the total explosive weight storage capacity? **NONE**

LOCATION

8. **Geographic Location.**

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

The activity needs to be located in close proximity of the ships, since the main purpose for this activity is to provide maintenance and logistic services to the ships and submarines. However, the Command Headquarters and Staff is geographically located 9 miles away from the Naval Station where the ships are located. Moving the activity in its entirety to the Naval Station would greatly improve the efficiency of command resources.

page____of____
UIC_____

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

All technical codes residing at the waterfront has a major advantage in fixing the ships; they are as close to their customers as possible. Administration, Comptroller, Safety, Security, and Command management are separated 9 miles from waterfront operations, causing all of the inherent problems of separation.

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. **N/A**

10. **Mobilization Responsibility and Capability.**

a. Describe any mobilization responsibility officially assigned to this site. Cite the document assigning the responsibility. **N/A**

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

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

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

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

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

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

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

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?

NO

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.

page____of____
UIC_____

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:

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

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

Facility type/code:
What makes it inadequate?
What use is being made of the facility?
What is the cost to upgrade the facility to substandard?
What other use could be made of the facility and at what cost?
Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

page____of____
UIC_____

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

[1]As of 31 March 1994.

page_____of_____
UIC_____

(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	**High cost area**
2	**Cost of Housing**
3	**Cost of utilities**
4	**Low income**
5	**Crime rate in Civilian community**

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

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

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

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

page_____of_____
UIC_____

(b) BEQ:

(1) Provide the utilization rate for BEQs for FY 1993. **N/A**

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

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

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

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

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

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

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

page_____of_____
UIC_____

(c) BOQ:

(1) Provide the utilization rate for BOQs for FY 1993. **N/A**

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

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

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

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

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

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

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

page_____of_____
UIC_____

(d) BOQ/BEQ Housing and Messing.

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

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?

page_____of_____
UIC_____

(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**

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

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

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

page_____of_____
UIC_____

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

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

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

a. FACILITY TYPE/CODE:
b. WHAT MAKES IT INADEQUATE?
c. WHAT USE IS BEING MADE OF THE FACILITY?
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

page_____of_____
UIC_____

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

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

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

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?

page_____of_____
UIC_____

13. **MWR Facilities**. For on-base MWR facilities[10] 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. **N/A**

LOCATION_____ **DISTANCE**_____

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

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

page_____of_____
UIC_____

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?

page_____of_____
UIC_____

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. **N/A**

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

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

Facility type/code:
What makes it inadequate?
What use is being made of the facility?
What is the cost to upgrade the facility to substandard?
What other use could be made of the facility and at what cost?
Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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

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

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

page_____of_____
UIC_____

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

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

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

City	Distance (Miles)

page_____of_____
UIC_____

16. **Standard Rate VHA Data for Cost of Living:**

Paygrade	With Dependents	Without Dependents
E1	N/A	N/A
E2	N/A	N/A
E3	N/A	N/A
E4	N/A	N/A
E5	$261.55	$182.62
E6	301.89	205.51
E7	339.62	235.92
E8	352.67	266.62
E9	358.64	272.25
W1	391.25	297.14
W2	386.34	303.02
W3	386.73	314.37
W4	403.06	357.37
O1E	386.83	286.94
O2E	348.28	277.68
O3E	414.92	351.02
O1	345.66	254.71
O2	332.79	260.12
O3	$342.83	$288.64
O4	411.69	358.00
O5	454.49	375.85
O6	477.20	394.99
O7	486.52	395.29

page_____of_____
UIC_____

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	$ 525	$400	$ 60
Apartment (1-2 Bedroom)	650	465 1 BR 580 2 BR	75
Apartment (3+ Bedroom)	950	824	98
Single Family Home (3 Bedroom)	1,350	824	118
Single Family Home (4+ Bedroom)	1,450	969 4 BR 1210 5 BR 1251 6 BR	130
Town House (2 Bedroom)	700	580	75
Town House (3+ Bedroom)	925	824	105
Condominium (2 Bedroom)	700	580	75
Condominium (3+ Bedroom)	925	824	105

*** Annual Low rent is based on HUD rent charges for the San Diego Area.**

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

Type Rental	Percent Occupancy Rate
Efficiency	92%
Apartment (1-2 Bedroom)	86%
Apartment (3+ Bedroom)	89%
Single Family Home (3 Bedroom)	92%
Single Family Home (4+ Bedroom)	85%
Town House (2 Bedroom)	91%
Town House (3+ Bedroom)	89%
Condominium (2 Bedroom)	91%
Condominium (3+ Bedroom)	89%

page_____of_____
UIC_____

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	$179,200
Single Family Home (4+ Bedroom)	183,500
Town House (2 Bedroom)	122,350
Town House (3+ Bedroom)	127,100
Condominium (2 Bedroom)	122,500
Condominium (3+ Bedroom)	127,600

(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. **NONE**

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

page_____of_____
UIC_____

(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: N/A**

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

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

Location	% Employees	Distance (mi)	Time(min)
NAVAL STATION, SAN DIEGO	52%	18	20
SUBASE SAN DIEGO	7.5%	26	30
PLANT 19, SAN DIEGO (HEADDQUARTERS)	38.5%	18	20
NTC SAN DIEGO	2%	20	25

page_____of_____
UIC_____

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. **There are over 500 schools/educational institutes in the San Diego area that are public, private, parochial etc. that teach everything from Art to X-Ray technician.**

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

page_____of_____
UIC_____

(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 or Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Grossmont Community College	Day **YES**	**NO**	**YES**	**YES**	**YES**	**NO**
	Night **YES**	**NO**	**YES**	**YES**	**YES**	**NO**
Mira Mesa Community College	Day **YES**	**YES**	**YES**	**YES**	**YES**	**NO**
	Night **YES**	**YES**	**YES**	**YES**	**YES**	**NO**
Palomar Community College	Day **YES**	**YES**	**YES**	**YES**	**YES**	**NO**
	Night **YES**	**YES**	**YES**	**YES**	**YES**	**NO**
Southwestern Community College	Day **YES**	**NO**	**YES**	**NO**	**YES**	**NO**
	Night **YES**	**NO**	**YES**	**NO**	**YES**	**YES**

*** There are too many colleges to list, there are 14 major (graduate & undergraduate) colleges in the San Diego area.**

page_____of_____
UIC_____

(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.

*** Available at Naval Station San Diego, not at Headquarters, Plant 19.**

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational or Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Chapman University	Day **N0**					
	Night **YES**	**NO**	**YES**	**YES**	**YES**	**YES**
	Corres-pondence **YES**	**NO**	**YES**	**YES**	**YES**	**NO**
National University	Day **NO**					
	Night **YES**	**NO**	**YES**	**YES**	**YES**	**YES**
	Corres-pondence **N0**					
San Diego City College	Day **NO**					
	Night **YES**	**YES**	**YES**	**YES**	**YES**	**NO**
	Corres-pondence **NO**					
U.S. International University	Day **NO**					
	Night **YES**	**NO**	**YES**	**YES**	**YES**	**YES**
	Corres-pondence **NO**					

*** Additional Colleges/Universities offering classes at NAVSTA:**

University of Redlands CA, night classes only, no adult H.S., yes courses only, yes undergraduate degree program, and no graduate degree program.

Central Texas College, day classes only, teaching basic clerical skills.

page_____of_____
UIC_____

REQUESTS FOR CLARIFICATION

From the Base Structure Analysis Team (BSAT)

Control #: 601
To: Jim Logan
Fax: (703)602-0541

Activity: NAVSEA
Voice: (703)602-5926

Date sent: 8 SEP 94

CLARIFICATION/CORRECTION REQUESTED for Data Call #5 Question #23
To clarify ambiguities in responses to the above question, please provide the CRIME RATES for your surrounding community or county/township/parrish/city in these three categories: Violent Crime Rate
Property Crime Rate
Drug Crime Rate

Disregard previous format in question #23.
Specify the rate per 100,000 population.
Crime rates are expected to be obtainable from appropriate law enforcement offices.
Data is needed for the activities listed on page 2.

LT Christina May
(703) 681-0491

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

Reply:

	1991	1992	1993
VIOLENT CRIME	9700	9500	8,600
PROPERY CRIME	58,500	56,600	52,900
DRUG ARRESTS	892	899	885

(INFORMATION PROVIDED BY HOST-COMNAVBASE SAN DIEGO, CDR HUNTZINGER)

Name	Code	Commercial Phone #	Date
ROD MOORE	240	(619) 524-2207	9/9/94

NAVSEACENPAC SAN DIEGO

ENCLOSURE (2)

21. **Spousal Employment Opportunities.**

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	0	0	0	
Manufacturing	0	0	0	
Clerical	0	0	0	
Service	0	0	0	
Other	0	0	0	

The average unemployment rate (combined skill levels) for the San Diego area for 1993 was 6.8%. Specific categories were not available.

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.

NO, Balboa Naval Hospital has been designated as the Research and training site for military medicine. Major research institutes exist for civilians/military; it was voted number 5 in the country for medical facilities by Money Magazine in 1992.

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.

NO, Military members use NAVCARE or Balboa Hospital, their dependents can use NAVCARE, Balboa Hospital, or CHAMPUS PRIME (which is shifting to TRI-CARE). Overall satisfied with the services provided.

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,

page_____of_____
UIC_____

entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base. **N/A** *

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

*** NAVSEACENPAC is <u>not</u> a Host activity. We have personnel on NAVSTA, SUBASE, and NTC San Diego and are tenants on all three. At Navy Plant 19, NISE WEST is the Host activity. Host activities will report crime rates of all tenant activities on their Command at a later date.**

page_____of_____
UIC_____

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

page_____of_____
UIC_____

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

page_____of_____
UIC_____

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

page_____of_____
UIC_____

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

page_____of_____
UIC_____

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

page_____of_____
UIC_____

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	**NAVSEACENPAC SAN DIEGO**
Functional Support Area	**10. GENERAL MISSION SUPPORT, 10.2 LOGISTICS PLANNING AND IMPLEMENTATION**
Life Cycle Work Area	**15. 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. 504 WYs **(including FSO's)**

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 48,204

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) 47,555

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K) 649

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 A
Page ___ of ___
UIC: _____

TAB B

SPECIAL FACILITIES AND EQUIPMENT

FACILITIES/EQUIPMENT CAPABILITY FORM

SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	
Facility/Equipment Nomenclature or Title	

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

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

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

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

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

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

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

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

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

TAB B
Page ___ of ___
UIC: _____

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

12. Provide the projected utilization data out to FY1997.

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

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

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

TAB B
Page ___ of ___
UIC: _____

TAB C

RANGE RESOURCES

RANGE CAPABILITY FORM

RANGE RESOURCES
RANGE CAPABILITY FORM

Technical Center Site	
Range Nomenclature or Title	

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

a. A brief statement of what the range is used for.

b. Geographic location of the range.

c. Distance from the range to the activity's headquarters facility (main site).

d. Range size in square miles.

e. Scheduling authority.

f. Air space available/restrictions.

g. Maximum water depth available/restrictions.

h. Instrumentation capability.

i. Accuracy of tracking.

j. Data collection/replay capability.

k. What are the maximum hours per year that this range is available to support activities? Provide the actual hours that the range was up and capable of providing services. Do not count "down time" due to maintenance, reconfiguration, or administrative activities (i.e., Holiday shutdowns).

l. What were the actual hours this range was utilized per year for the last five years (FYs 1989-1993)?

TAB C
Page ___ of ___
UIC: _____

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.

TAB C
Page ___ of ___
UIC: _____

APPENDIX A

I. FUNCTIONAL SUPPORT AREAS

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

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

3. COMBAT SYSTEM INTEGRATION
    - 3.1 Subsurface
    - 3.2 Air
    - 3.3 Surface
    - 3.4 Multiplatform

4. SPECIAL OPERATIONS SUPPORT
    - 4.1 Landing Force Equipment and Systems
    - 4.2 Coastal/Special Warfare Support

5. SENSORS & SURVEILLANCE SYSTEMS
    - 5.1 Sonar Systems
    - 5.2 Radar Systems
    - 5.3 Special Sensors
    - 5.4 Space Sensor/Surveillance Systems
    - 5.5 Ocean Surveillance

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

7. COMMAND, CONTROL, COMMUNICATIONS AND INTELLIGENCE (C^3I)
    - 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 (C^3I). The acquisition, processing and dissemination of information required to plan, direct, and control operations. Included are those projects in command and control, communications and intelligence. Excluded are surveillance systems, and guidance and control of vehicles and weapons. These C^3 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

movement of air traffic.

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

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

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

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

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

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

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

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

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

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

10.1.1 Submarine-Related Training Systems
10.1.2 Aircraft-Related Training Systems
10.1.3 Surface Ship-Related Training Systems

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

II. LIFE-CYCLE WORK AREA DEFINITIONS

RDT&E

1. **BASIC RESEARCH.** (Budget Category 6.1 only) This area includes scientific study and experimentation to increase knowledge and understanding in the physical, engineering, environmental and life sciences related to long-term national security needs.

2. **EXPLORATORY DEVELOPMENT.** (Budget Category 6.2 only) This area includes efforts to solve specific military problems, short of major development. Exploratory development may vary from fairly fundamental applied research to sophisticated breadboard hardware, study programming and planning efforts.

3. **ADVANCED DEVELOPMENT.** (Budget Category 6.3 only) This area includes efforts on projects which have moved into the development of hardware for test. The prime objective is proof of design concept rather than the development of hardware for service use.

4. **ENGINEERING AND MANUFACTURING DEVELOPMENT.** (Budget Category 6.4 only) This area includes programs in full scale development, but which have not received approval for production or had production funds included in the DoD budget submission for the budget or subsequent fiscal year.

5. **RDT&E MANAGEMENT SUPPORT.** (Budget Category 6.5 only) This area includes support of installations or operations required for general research and development use. Included would be test ranges, military construction, maintenance support of laboratories, operations and maintenance of test aircraft and ships, and studies and analyses in support of the R&D program.

6. **OPERATIONAL SYSTEMS DEVELOPMENT.** (Budget Category 6.6 only) This area includes projects still in full-scale development, but which have received approval for production through Defense Acquisition Board or other action, or for which production funds have been included in the DoD budget submission for the budget or subsequent fiscal year. All work in this area is identified by major line item projects that appear as "RDT&E Costs of Weapon System Elements" in other programs.

ACQUISITION

7. **PRODUCTION.** During this phase, the system, including training equipment, spares, etc., is produced for operational use.

8. **ACCEPTANCE TESTING.** This phase involves the test and evaluation of production items to demonstrate that the items procured fulfill the requirements and specifications of the procuring contract on agreement

9. **MODERNIZATION.** This phase of the work involves the modification, upgrade, or improvement of a system or subsystem.

10. **PROGRAM SUPPORT.** This phase involves al work not fully under the category of production (#7), acceptance testing (#8), or modernization (#9), that occurs during the acquisition of new systems or subsystems.

LIFE-TIME SUPPORT

11. **MAINTENANCE.** This phase of work involves the maintenance of systems and subsystems.

12. **REPAIR.** This phase of work involves the repair of systems or subsystems.

13. **TESTING.** This phase is typically funded from Budget Category 6.5 or procurement program elements. Work in this area supports developmental and/or operational testing and focuses on the evaluation od 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 ant 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: NAVSEA CENPAC SAN DIEGO
DATA CALL #5

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

NEXT ECHELON LEVEL (if applicable)

M. S. FIREBAUGH
NAME (Please type or print)

Signature

Deputy Commander for Engineering
Title

5/10/94
Date

COMNAVSEASYSCOM (SEA 03)
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

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

Signature

Title Commander
Naval Sea Systems Command

5-13-94
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)

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

Signature

Acting
Title

27 May 1994
Date

BRAC-95 CERTIFICATION

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

DATA BEING CERTIFIED: **MILITARY VALUE DATA CALL FOR NAVSEACENPAC SAN DIEGO, CA**

ACTIVITY COMMANDER

CAPT T.J. KELLEY
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

29 APRIL 1994
Date

NAVAL SEA SUPPORT CENTER, PACIFIC
Activity

NAVSEACENPAC SAN DIEGO R cryptic data
DATA CALL #5 REVISION

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

NEXT ECHELON LEVEL (if applicable)

M. S. FIREBAUGH
NAME (Please type or print)

Signature

Deputy Commander for
Ship Design and Engineering
Title

9/22/94
Date

NAVSEA 03
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

G. R. STERNER
Commander
Naval Sea Systems Command
Title

9/29/94
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

12 OCT 1994

Acting
Title

Date

BRAC-95 CERTIFICATION

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

ACTIVITY COMMANDER

R. L. BRENNON, CAPT, USN
NAME (Please type or print)

R L Bren
Signature

COMMANDING OFFICER
Title

13 Sep 94
Date

NAVAL SEA SUPPORT CENTER, PACIFIC
Activity

Document Separator

CAPACITY ANALYSIS:
DATA CALL #4 WORK SHEET FOR
TECHNICAL CENTER or LABORATORY: NAVSEACENPAC SAN DIEGO

Table of Contents

Section	Page
1. Historical and Projected Workload	1
2. Current Class 2 Assets	11
3. Class 2 Space Available for Expansion	18
4. Class 1 Space Available for Expansion	20
5. Base Infrastructure Capacity	22
6. Ship Berthing Capacity	25
7. Operational Airfield Capacity	25
8. Depot Level Maintenance Capacity	25
9. Ordnance Storage Capacity	25

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

(N/A to NAVSEACENPAC and Detachments or FSO Pearl Harbor. Tabs are not included).

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 NAVSEACENPAC San Diego (UIC 65913)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86	UNK					
87	UNK					
88	UNK					
89	32,444	32,328	116	467	467	32.7*
90	36,247	35,969	278	494	494	28.7
91	39,607	39,268	339	482	482	28.5
92	44,983	44,183	800	494	494	28.2
93	45,090	44,441	649	471	471	26.5
94	46,809			463		
95	51,574			492		
96	53,637			462		
97	55,782			329		

*** Contractor work years are estimated averages and FSO's are included.**

FY94-97 is Budgeted work years. Our requirements as submitted for the FY-96 Presidents Budget are:

FY94 483 (+20) (Reinstate Mare Island cut)
FY95 528 (+36) 18 Maintain FY94 request/requirement
8 HRO services
6 Weapon elevators (MSC ships)
4 Hull & Deck Fleet Support
36 (Total)
FY96 528 (+66) Maintain FY95 request/requirement
FY97 528 (+199) Maintain FY95/96 request/requirement

Table 1.2 Historical and Projected Workload for Detachments of NAVSEACENPAC SAN DIEGO (UIC 65913)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86	UNK					
87	UNK					
88	UNK					
89	2,700	2,700	0	39	39	0
90	2,986	2,986	0	41	41	0
91	3,340	3,340	0	41	41	0
92	3,578	3,578	0	40	40	0
93	3,114	3,114	0	33	33	0
94	2,713			28		
95	0			0		
96	0			0		
97	0			0		

Budgeted work years include FSO's Long Beach and Mare Island CA.
Long Beach will close 1 July 94 and Mare Island will close 1 March 95.
All personnel will transfer to NAVSEACENPAC Headquarters San Diego.

UIC FSO Long Beach: 45628
UIC FSO Mare Island: 32092

TABLE 1.3 FY 1993 BREAKOUT OF FUNDS BUDGETED for NAVSEACENPAC San Diego (UIC 65913)

SPONSOR	RDT&E(N)							RDT & E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NAVSEA									21,821	--	2,517	184	2,143	--	--
CINCPAC									5,334	--	--	--	--	--	--
OTHER									9,335	--	--	--	--	3,107	--
TOTAL									36,490	--	2,517	184	2,143	3,107	--

TABLE 1.3 FY 1994 BREAKOUT OF FUNDS BUDGETED for NAVSEACENPAC San Diego (UIC 65913)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NAVSEA									16,962	--	2,617	192	2,229	--	--
CINCPAC									14,511	--	--	--	--	--	--
OTHER									6,423	--	--	--	--	3,875	--
TOTAL									37,896	--	2,617	192	2,229	3,875	--

TABLE 1.3 FY 1995 BREAKOUT OF FUNDS BUDGETED for NAVSEACENPAC San Diego (UIC 65913)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NAVSEA									5,076	--	2,722	199	2,318	--	--
CINCPAC									30,945	--	--	--	--	--	--
OTHER									5,541	--	--	--	--	4,773	--
TOTAL									41,562	--	2,722	199	2,318	4,773	--

TABLE 1.3 FY 1996 BREAKOUT OF FUNDS BUDGETED for NAVSEACENPAC San Diego (UIC 65913)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NAVSEA									5,279	--	2,831	207	2,410	--	--
CINCPAC									32,183	--	--	--	--	--	--
OTHER									5,763	--	--	--	--	4,964	--
TOTAL									43,225	--	2,831	207	2,410	4,964	--

TABLE 1.3 FY 1997 BREAKOUT OF FUNDS BUDGETED for NAVSEACENPAC San Diego (UIC 65913)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NAVSEA									5,490	--	2,944	215	2,506	--	--
CINCPAC									33,470	--	--	--	--	--	--
OTHER									5,994	--	--	--	--	5,163	--
TOTAL									44,954	--	2,944	215	2,506	5,163	--

TABLE 1.4 FY 1993 BREAKOUT OF FUNDS BUDGETED for DETACHMENTS of NAVSEACENPAC SD (UIC 65913)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NAVSEA									1,868	--	--	--	--	--	--
CINCPAC									373	--	--	--	--	--	--
OTHER									--	--	--	--	--	873	--
TOTAL									2,241	--	--	--	--	873	--

Includes Long Beach and Mare Island

TABLE 1.4 FY 1994 BREAKOUT OF FUNDS BUDGETED for DETACHMENTS of NAVSEACENPAC SAN DIEGO (UIC 65913)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NAVSEA									1,275	--	--	--	--	--	--
CINCPAC									841	--	--	--	--	--	--
OTHER									--	--	--	--	--	597	--
TOTAL									2,116	--	--	--	--	597	--

Includes Long Beach and Mare Island.

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 NAVSEACENPAC (UIC 65913)

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

*** NAVSEACENPAC does not own any Class two (2) property. All buildings and structures are owned by host activities.**

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?

Table 2.2 Main Site Class 2 Space of NAVSEACENPAC (UIC 65913) Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA Assigned (KSF)
Name	UIC		
		Total:	

*** NAVSEACENPAC DOES NOT OWN ANY CLASS 2 PROPERTY.**

Table 2.3 Class 2 Space Utilized/Leased by NAVSEACENPAC (UIC 65913)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production (Ship Services Support)	213-70	2,025	101,059		103,084
Warehouse	217-77	25,145			25,145
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		2,856		2,856
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600		25,580		25,580
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals	27,170	129,495		156,665

For your Detachment sites not receiving this Data Call directly:

e. Use Table 2.4 below to indicate the combined total amount of Class 2 space that is occupied by your Detachments for which you are the plant account holder as of 31 March 1994. Attach a list with the titles and UIC's of these Detachments.

f. Use Table 2.5 below to indicate the total amount of your Class 2 space reported in Table 2.4 that is assigned to tenant commands and/or independent activities as of 31 March 1994. Include numbered notes to indicate the Detachment site that hosts the tenant.

g. Use Table 2.6 below to indicate the combined total amount of Class 2 space utilized/leased by your Detachments for which you are not the plant account holder. Provide numbered notes to indicate the quantity of leased space and their associated rental cost.

Table 2.4 Class 2 Assets of NAVSEACENPAC Occupied by Detachments

Building type	NAVFAC (P-80) cat 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				

*** NAVSEACENPAC and FSO's do not own any class 2 assets and are tenants at all locations.**

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?

Table 2.5 Class 2 Space at Detachment Sites of NAVSEACENPAC (UIC 65913)
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA (KSF) Assigned
Name	UIC		
		Total:	

*** NAVSEACENPAC and FSO's do not own any class 2 space and are tenants at all locations.**

Table 2.6 Class 2 Space Utilized/Leased by Detachments of NAVSEACENPAC (UIC 65913)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production (Ship Services Support)	213-70		5,440		5,440
Warehouse	217-77		1,200		1,200
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		1,250		1,250
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals		7,890		7,890

Table includes space utilized by FSO Mare Island and FSO Long Beach.

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

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

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

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

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

Table 3.1 Constrained Class 2 Space Available for Expansion at NAVSEACENPAC

(UIC 65913___)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					

*** NAVSEACENPAC has no room for expansion in the buildings we occupy as tenants. We own no class 2 property.**

Table 3.2 Unconstrained Class 2 Space Available for Expansion at NAVSEACENPAC (UIC 65913)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					

NAVSEACENPAC has no room for expansion in the buildings we occupy as tenants. We own no class 2 property.

4. Class 1 Space Available for Expansion.

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

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

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

Class 1 Resources of NAVSEACENPAC (UIC: 65913)
Site Location: _____

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

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

*** NAVSEACENPAC HAS NO CLASS 1 RESOURSES**

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

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

Table 5.1 Base Infrastructure Capacity & Load

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

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 _____ (UIC: _____)
N/A

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

This information will be submitted by the Host Command at a later date.

c. Training Facilities: N/A

(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

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)

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

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.

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**

---

[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.

ACTIVITY CERTIFIED: NAVSEACENPAC SAN DIEGO
DATA CALL #4

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)

M. S. FIREBAUGH
NAME (Please type or print)

Signature

Deputy Commander for Engineering
Title

5/10/94
Date

COMNAVSEASYSCOM (SEA 03)
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

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

Signature

Commander
Title

5-13-94
Date

Naval Sea Systems 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)

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

Signature

Acting
Title

27 May 1994
Date

BRAC-95 CERTIFICATION

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

DATA BEING CERTIFIED: **CAPACITY ANALYSIS DATA CALL #4 FOR NAVSEACENPAC SAN DIEGO, CA**

ACTIVITY COMMANDER

CAPT T.J. KELLEY
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

29 APRIL 1994
Date

NAVAL SEA SUPPORT CENTER, PACIFIC
Activity

Document Separator

191

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	NAVSEACENPAC SAN DIEGO
Unit Identification Code (UIC):	N65913
Major Claimant:	NAVSEA

Percentage of Military Families Living On-Base:	19 19.1 % CW
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	~~604~~ 62.4 CW
Total Number of Officer Housing Units:	0
Total Number of Enlisted Housing Units:	~~8~~ 7 CW

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377.
Lines 7-9, represents the activitys' "fair share" of the complex total of the family housing budget and inventory of officer and enlisted units. This data was provided by COMNAVFACENGCOM.
This UIC contains 44 personnel entitled to BAQ W/Dependents out of a complex total of 44294 personnel entitled to BAQ W/Dependents.

There are 660 activities identified within this complex.

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.

CW 7/13 Enclosure (1)
Chris Ward
7/13/94
NAVFAC 52 CW

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 these certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

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

ACTIVITY COMMANDER

THOMAS A. DAMES
NAME (Please type of print)

Rear Admiral, CEC, USN
Title

LANTNAVFACENGCOM
Activity

Signature J.B. VENABLE
Acting

JUL 06 1994
Date

ENCLOSURE(2)

BRAC-95 CERTIFICATION

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

for Paulette C. Brown
Name (Please type or print)

for J. R. Grindstaff
Signature

Head, Operations & Projects Branch
Title

7-6-94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

J. Richard Grindstaff
Name (Please type or print)

J. Richard Grindstaff
Signature

Head, Requirements & Acquisition Branch
Title

7-6-95
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

Mark D. Raker
Name (Please type or print)

Mark D. Raker
Signature

Housing Management Specialist
Title

7/6/94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

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

for J. Richard Grindstaff
Signature

Director
Title

7-6-99
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

Document Separator

UIC 65913

JL
SEA 09X
2/14/94

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	***Naval Sea Support Center, Pacific San Diego, CA***
Acronym(s) used in correspondence	***NAVSEACENPAC***
Commonly accepted short title(s)	***NAVSEACENPAC***
Realignment to CINCPACFLT Oct 1, 1994 (FY95)	**NAVSEACENPAC will become part of the Fleet Technical Support Center, Pacific (FTSC) merging with west coast Mobile Technical Units (MOTU's) and Surface Performance Monitoring Teams (PMT's) with CINCPACFLT as the major claimant.**

* Complete Mailing Address: **P.O. Box 85548**
San Diego, CA 92186-5548

- PLAD **NAVSEACENPAC SAN DIEGO CA**

- PRIMARY UIC: 65913 (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): 32092 PURPOSE: Fleet Support Office (FSO) Mare Island

31150 Fleet Support Office (FSO) Pearl Harbor

2. PLANT ACCOUNT HOLDER:

- Yes ___ No X (check one)

UIC 65913

JL
SOA OAX
2/14/94

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

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

• Yes ____ No __X__ (check one)

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

• Yes __X__ No ____ (check one)

• Primary Host (current) UIC: 00245 (NAVSTA SAN DIEGO)

• Primary Host (01 Oct 1995) UIC: 00245

• Primary Host (01 Oct 2001) UIC: 00245

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

• Yes ____ No __X__ (check one)

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

Name	Location	UIC

UIC 65913

JL
SEA 09X
2/14/94

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

NAME:	UIC	Location	Host name	Host UIC
NAVSEACENPAC Fleet Support Office (FSO) Mare Island, CA	**32092**	**VALLEJO, CA**	**Mare Island Naval Shipyard**	**47899**
NAVSEACENPAC Fleet Support Office (FSO) Pearl Harbor, HI	**31150**	**Pearl Harbor, HI**	**Naval Station Pearl Harbor HI**	**62813**

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.

YES - 1. Fleet Support Office (FSO) in Long Beach, CA is being closed and realigned due to the closing of NAVBASE Long Beach, scheduled to be closed July 1994.

2. FSO Mare Island is also being closed and realigned due to the closing of NAVSHIPYD Mare Island, scheduled to be closed March 1995.

3. The Voice Communications Division of the Submarine Combat Systems Department located on the Naval Training Center (NTC), San Diego is being realigned due to closing of NTC, scheduled to be closed in 1997.

4. Base closures and Fleet downsizing are accomplished using separate but unified approaches. With Fleet downsizing, NAVSEACENPAC is continuously matching technical system needs to Fleet size and future composition. Base closures relocate the ships to different home ports, but do not reduce the size of the Fleet, therefore, the technicians affected by base closures are moved to the new Fleet locations. (See footnotes 1 - 3).

Footnote 1. NAVSEACENPAC's primary function is to provide technical support to the Fleet.

2. Fleet Support Offices (FSOs) were established to provide that where ever the Fleet was homeported.

3. When ships are displaced due to base closures, NAVSEACENPAC's technicians and supporting staff are redeployed to the new homeports.

UIC 65913 JL SEA 04X 2/14/94

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bullet 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 Mission

NAVSEACENPAC San Diego and the Fleet Support Offices (FSOs) provide "on call" technical and field engineering services in hull, mechanical and electrical (HM&E) and Combat systems equipment; and is COMNAVSEASYSCOM's principle advocate in fleet logistics support programs for Pacific Fleet Ships. NAVSEACENPAC workload is a product of Fleet size and diversity of ship systems.

The primary functions are ship related and will remain regardless of the disposition of NAVSEACENPAC as a command. The bulk of the command's work is accomplished on ships, therefore a presence in the Fleet's major homeports increases responsiveness to customer's needs and reduces repair/maintenance cost of systems/equipment. This mission is essential to satisfy a Fleet requirement, and to minimize Fleet maintenance cost.

NAVSEACENPAC is located in San Diego to maximize responsiveness to the large number of ships homeported there. The command is a consolidated technical activity providing support to the entire Pacific Fleet using the San Diego Office and its FSO's in Mare Island CA and Pearl Harbor HI. The headquarters in San Diego contains the command's consolidated overhead functions, e.g., Comptroller, Travel, Payroll, Automated Information Systems (AIS) staff, Security, Safety, etc.

NAVSEACENPAC's command structure is optimized to provide technical support services. Operating with a productive ratio (number of people performing work for customers/total number of people) of approximately 80% with a minimum of paperwork and non-value added management systems. The FSOs contain the absolute minimum of administrative staff (3 or 4 people per FSO). Additionally, the FSOs do not carry the full breadth of technical expertise which is resident at the headquarters in San Diego, in order to minimize redundancy. The FSOs are staffed in response to local homeport area workload in order to significantly reduce the total cost of labor, travel, and per diem.

UIC 65913

JL
SEA 09X
2/14/94

Projected Missions for FY 2001

The following events led up to the proposed formulation of the Fleet Technical Support Centers, Atlantic and Pacific Fleets:

1. COMNAVSEASYSCOM's ADM Malley offers a potential plan (130030Z DEC 91) to restructure/consolidate Waterfront Direct Fleet Technical Support to the Fleet.

2. CINCLANTFLT Norfolk VA 161830Z Jul 92 coordinated CINCLANTFLT/ CINCPACFLT/COMNAVSEASYSCOM message to CNO requesting endorsement to move forward with the Afloat Maintenance Organizations (AMO). Name later changed to Fleet Technical Support Centers (FTSC LANT and FTSC PAC).

3. The AMO QMB was formed.

4. AMO PAT #1 was formed.

5. Final PAT brief to AMO QMB on 3 March 93.

6. AMO QMB brief to CNO Fleet Support QMB on 19 March 93

7. Fleet Support QMB brief to CNO ESC on 1 April 93

8. CINCLANTFLT brief to CNO on 18 October 93

9. CINCLANTFLT FTSC standup 15 November 93 (ceremony recognizing this change scheduled for 2/23/94)

10. CINCPACFLT FTSC to standup 1 October 94.

FTSC PAC initially will be comprised of NAVSEACENPAC, west coast Surface PMTs, RSGs, and MOTUs. Other Fleet support groups such as ASIR, NISE WEST, NSWC, NWAC, AHET, etc.,or a portion of, may be added prior to 2001. The following is a list of functions (goals & missions) of the Fleet Technical Support Center, Pacific (FTSC PAC) that the FTSC QMB agreed on to date:

*** PROVIDE OR OBTAIN ALL ON BOARD TECHNICAL ASSISTANCE**

*** ASSESS EQUIPMENT MATERIAL CONDITION**

*** COORDINATE, SUPERVISE AND AUGMENT ALL ALTERATION INSTALLATION TEAMS FOR EQUIPMENT MODERNIZATION (INCLUDES QA AND OPERATIONAL TESTING**

*** PROVIDE REPAIR RECOMMENDATIONS/WORK DEFINITION TO WATERFRONT STAFFS, IMAs, PERAs, SUPSHIPs, AND OTHER GOVERNMENT ACTIVITIES**

*** PROVIDE ON BOARD CONFIGURATION AND ILS SUPPORT**

*** PROMOTE THE ACHIEVEMENT OF TECHNICAL SELF SUFFICIENCY THROUGHOUT THE OPERATING FORCES BY PROVIDING ON BOARD TROUBLE SHOOTING/MAINTENANCE TECHNIQUE TRAINING FOR ALL SHIPBOARD COMBAT SYSTEMS AND EQUIPMENT.**

UIC 65913

JL
SEA 04X
2/14/94

*** SINGLE POINT OF CONTACT FOR WATER FRONT FLEET SUPPORT FOR ALL NON-NUCLEAR SHIPBOARD SYSTEMS AND EQUIPMENT**

*** IN WARTIME, GROOMING OF SHIPBOARD SYSTEMS AND AUGMENTING TENDER FOR FORWARD DEPLOYED BATTLE DAMAGE REPAIRS.**

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

*** N/A**

Projected Unique Missions for FY 2001

*** SINGLE POINT OF CONTACT FOR WATER FRONT FLEET SUPPORT FOR ALL NON-NUCLEAR SHIPBOARD SYSTEMS AND EQUIPMENT**

*** IN WARTIME, GROOMING OF SHIPBOARD SYSTEMS AND AUGMENTING TENDER FOR FORWARD DEPLOYED BATTLE DAMAGE REPAIRS.**

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

• Operational name	UIC
Commander Naval Sea Systems Command	00024
• Funding Source	UIC

*** Effective 1 Oct 1994 CINCPACFLT will become the ISIC and funding source of the Fleet Technical Support Center, Pacific (FTSC PAC) and the following information pertains:**

* Operational name	UIC
Commander in Chief, U.S. Pacific Fleet	00070

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.)

UIC 65913

JL
SEA 09X
2/14/94

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	4	41	569
• Tenants (total)	0	0	0

Authorized Positions as of 30 September 1994 *

	Officers	Enlisted	Civilian(Appropriated)**
• Reporting Command	4	43	536
• Tenants (total)	0	0	0

*** Footnote: In accordance with NAVSEACENPAC Activity Manpower Document (AMD), packet number 028834, dated 30 Jul 93 authorizations are as follows:**

Officers - 4
Enlisted - 43

**** Footnote: MTP authority is 536 but 20 positions were inadvertently dropped and need to be reinstated because of FSO Mare Island. Our FSO personnel must relocate to San Diego and Hawaii because when ships are displaced due to base closures the technicians and supporting staff are redeployed to the new homeports. They are not going away.**

UIC 65913

JL
SEA09X
2/14/94

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.

Title/Name	Office	Fax	Home
* CO/OIC COMMANDING OFFICER/ CAPT T.J. KELLEY	(619)524-2300 DSN: 524-2300	(619)524-2328 DSN: 524-2328	(619)484-0226
* Duty Officer	N/A		
* TECHNICAL DIRECTOR/ MR. M. McMAHON	(619)524-2305 DSN: 524-2305	(619)524-2328 DSN: 524-2328	(619)421-9649
* EXECUTIVE OFFICER/ CDR C. LUSSIER	(619)524-2305 DSN: 524-2305	(619)524-2328 DSN: 524-2328	(619)538-4048

UIC 65913 JL SEA 09X 2/14/94

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

*** NAVSEACENPAC is strictly a tenant at all shore command locations, the following table shows the HOST commands that NAVSEACENPAC is a tenant of with NAVSEACENPAC manpower statistics:**

Host Command Name	UIC	Location	Officer	Enlisted	Civilians
Naval Command Control & Ocean Surveillance Center ISE West Coast DIV	68944	Plant 19 4297 Pacific Hwy, SD CA	2	6	176
Naval Station, San Diego	00245	San Diego	2	34	261
Naval Training Center, San Diego	00247	San Diego	0	1	10
Submarine Base, San Diego	63406	San Diego	0	2	35
Naval Ship Yard, Mare Island	47899	Vallejo, CA	0	0	20*
Naval Station, Pearl Harbor Pearl Harbor HI	62813	Pearl Harbor, HI	0	0	54

Footnote:

Although 536 is the authorized end strength, 20 positions were subtracted incorrectly, due to MINSY closing, in previous calculations and have been continually repeated. These positions need to be reinstated because the technicians and support staff follow the ships to their new homeports.

- Tenants residing on main complex (shore commands) **N/A**

Tenant Command Name	UIC	Officer	Enlisted	Civilian

- Tenants residing on main complex (homeported units.) **N/A**

Tenant Command Name	UIC	Officer	Enlisted	Civilian

UIC 65913

JL
SEA 09X
2/14/94

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.

N/A - NAVSEACENPAC IS A TENANT COMMAND

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)

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

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

UIC 65913

JL
SEA 09X
2/14/94

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

NEXT ECHELON LEVEL (if applicable)

M. S. FIREBAUGH
NAME (Please type or print)

Signature

DEPUTY COMMANDER FOR ENGINEERING
Title

2/9/94
Date

COMNAVSEASYSCOM (SEA 03)
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)

K.P. Malloy
NAME (Please type or print)

Signature

COMNAVSEA
Title

2/14/94
Date

NAVSEA
Activity

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

MAJOR CLAIMANT LEVEL

K. P. Malloy
NAME (Please type or print)

Signature

COMNAVSEA
Title

2/14/94
Date

NAVSEA
Activity

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

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

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

Signature

Deputy Chief of Naval Operations (Logistics)
Title

23 FEB 1994
Date

UIC 65913

JL
SEA 09X
2/14/94

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

T.J. KELLEY, CAPT. USN
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

28 JAN 94
Date

NAVAL SEA SUPPORT CENTER, PACIFIC
Activity

Document Separator

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:	**Naval Sea Support Center, Pacific (NAVSEACENPAC) San Diego, CA**
UIC:	**65913**
Major Claimant:	**Commander, Naval Sea Systems Command (NAVSEA) Washington, DC**

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.
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:	**$48,280**

Source of Data (1.a. Salary Rate): NAVSEA FY96 NAVCOMPT MANPOWER BUDGET.

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		% of Total Employees	Avg Distance From Base (Miles)	Avg Duration of Commute (Minutes)
		Military	Civilian			
SAN DIEGO	CA	48	470*	98.1	17	26
RIVERSIDE	CA	2	5	1.3	65	70
MEXICO (COUNTRY)	MEXICO	0	3	.6	18	40
				= 100%		

* NOTE: 478 civilian employees indicated does not include the employees located at Fleet Support Offices (FSO's) located in Mare Island and Pearl Harbor.

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:

Source of Data (1.b. 1) & 2) Residence Data): COMNAVBASE San Diego/MCB Camp Pendleton

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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 (NAVSTA)(miles)
San Diego	San Diego	3
Chula Vista	San Diego	5
Escondido	San Diego	31
Oceanside	San Diego	37
Tijuana	Baja, Mexico	18

Source of Data (1.c. Metro Areas): Greater San Diego Chamber of Commerce, Economic Bulletin, population as of January 1, 1994.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

d. Age of Civilian Workforce. Complete the following table, identifying the age of the activity's civil service workforce.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	10	1.8
25 - 34 Years	64	11.4
35 - 44 Years	132	23.5
45 - 54 Years	236	42.1
55 - 64 Years	106	18.9
65 or Older	13	2.3
TOTAL	561	100 %

Source of Data (1.d.) Age Data): NAVSEACENPAC MASTER EMPLOYEE DATA BASE FILE.

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	2	.4
9th through 11th Grade		
12th Grade or High School Equivalency	326	58
1-3 Years of College	111	19.8
4 Years of College (Bachelors Degree)	106	18.9
5 or More Years of College (Graduate Work)	16	2.9
TOTAL	561	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	74
Bachelor Degree	106
Masters Degree	14
Doctorate	2

Source of Data (1.e.1) and 2) Education Level Data): NAVSEACENPAC EMPLOYEES OFFICIAL PERSONNEL FILES (OPF'S)

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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) (Engineers and Technicians, Logistics & Equip Specs)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34		
3b. Aircraft (includes engines and missiles)	3721 et al		
3c. Ships	3731	**403**	**71.8**
3d. Other Transportation (includes ground vehicles)	various		
3e. Other Manufacturing not included in 3a. through 3d.	various		
Sub-Total 3a. through 3e.	20-39	**403**	**71.8**

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40		
4b. Motor Freight Transportation & **Warehousing (includes supply services)**	42	**18**	**3.2**
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	**18**	**3.2**
5. Services	70-89		
5a. Lodging Services	70		
5b. Personal Services (includes laundry and funeral services)	72		
5c. **Business Services (includes mail, security, finance, secretarial, travel, analysts, photography, ADP services etc.)**	73	**128**	**22.8**
5d. Automotive Repair and Services	75		
5e. Other Misc. Repair Services	76		
5f. Motion Pictures	78		
5g. Amusement and Recreation Services	79		
5h. Health Services **(Safety & Explosive Safety)**	80	**12**	**2.2**
5i. Legal Services	81		
5j. Educational Services	82		
5k. Social Services	83		
5l. Museums	84		
5m. Engineering, Accounting, Research and Related Services (includes RDT&E, ISE, etc.)	87		
5n. Other Misc. Services	89		
Sub-Total 5a. through 5n.:	70-89	**140**	**25**

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
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		**561**	**100 %**

Source of Data (1.f.) Classification By Industry Data): Employee Master Data Base File and Office Of Classification Handbook of Occupational Groups & Series

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	**96**	**17.1**
2. Professional Specialty		
2a. Engineers	71	12.7
2b. Architects and Surveyors		
2c. Computer, Mathematical & Operations Research		
2d. Life Scientists		
2e. Physical Scientists		
2f. Lawyers and Judges		
2g. Social Scientists & Urban Planners		
2h. Social & Recreation Workers		
2i. Religious Workers		
2j. Teachers, Librarians & Counselors		
2k. Health Diagnosing Practitioners (Doctors)		
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)		
2m. Communications		

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2n. Visual Arts		
Sub-Total 2a. through 2n.:	**71**	**12.7**
3. Technicians and Related Support		
3a. Health Technologists and Technicians		
3b. Other Technologists	313	55.8
Sub-Total 3a. and 3b.:	**313**	**55.8**
4. Administrative Support & Clerical	**81**	**14.4**
5. Services		
5a. Protective Services (includes guards, firefighters, police)		
5b. Food Preparation & Service		
5c. Dental/Medical Assistants/Aides		
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)		
Sub-Total 5a. through 5d.		
6. Agricultural, Forestry & Fishing		
7. Mechanics, Installers and Repairers		
8. Construction Trades		
9. Production Occupations		
10. Transportation & Material Moving		
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)		
TOTAL	**561**	**100 %**

Source of Data (1.g.) Classification By Occupation Data): Employee Master Data Base File and Office Of Classification Handbook of Occupational Groups & Series.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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:	92
2. Percentage of Military Spouses Who Work Outside of the Home:	64
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:	3%
3b. Employed "On-Base" - Non-Appropriated Fund:	0
3c. Employed "Off-Base" - Federal Employment:	0
3d. Employed "Off-Base" - Other Than Federal Employment	97%

Source of Data (1.h.) Spouse Employment Data): Personal employee interviews by Command Master Chief.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2. **Infrastructure Data.** For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.

B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.

C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

Table 2.a., "Local Communities": This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

Table 2.b., "Economic Region": This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

For both tables, annotate with an asterisk (*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

a. Table A: Ability of the local community to meet the expanded needs of the base.

NOTE: For regional consistency, each base/activity evaluated the services/categories below that the community immediately outside the gate provide to the base. Many of the categories are not applicable as the service is provided by the region not the community immediately outside the gate.

1) Using the **A - B - C** rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	N/A	N/A	N/A
Schools - Public	N/A	N/A	N/A
Schools - Private	N/A	N/A	N/A
Public Transportation - Roadways	C	C	C
Public Transportation - Buses/Subways	A	A	A
Public Transportation - Rail	A	A	A
Fire Protection	N/A	N/A	N/A
Police	N/A	N/A	N/A
Health Care Facilities	N/A	N/A	N/A
Utilities:	N/A	N/A	N/A
Water Supply			
Water Distribution			
Energy Supply			
Energy Distribution			
Wastewater Collection			
Wastewater Treatment			
Storm Water Collection			
Solid Waste Collection and Disposal			
Hazardous/Toxic Waste Disposal			
Recreational Activities	N/A	N/A	N/A

Remember to mark with an asterisk any categories which are wholly supported on-base. 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.

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.

Note: For consistency, this is a regional response that considered a 20, 50 and 100% increase of the current total military and DOD civilian population (159,000 total) in San Diego County. The table is the ability of the civilian community to absorb the increases, it does not include the ability of the military community to absorb any increases (i.e. Health Care Facilities evaluation does not include the absorption ability of the existing Navy medical facilities).

1) Using the **A - B - C** rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	C	C	C
Schools - Public	C	C	C
Schools - Private	B	B	B
Public Transportation - Roadways	C	C	C
Public Transportation - Buses/Subways	A	A	A
Public Transportation - Rail	A	A	A
Fire Protection	C	C	C
Police	C	C	C
Health Care Facilities	C	C	C
Utilities:			
Water Supply	C	C	C
Water Distribution	A	A	A
Energy Supply	A	B	C
Energy Distribution	A	B	C
Wastewater Collection	C	C	C
Wastewater Treatment	C	C	C
Storm Water Collection	C	C	C
Solid Waste Collection and Disposal	C	C	C
Hazardous/Toxic Waste Disposal	C	C	C
Recreation Facilities	B	B	B

Remember to mark with an asterisk any categories which are wholly supported on-base.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

General notes: Based on the current military and DOD civilian population of 158,000, a 20% increase is 31,600 people; a 50% increase is 79,000 people; and a 100% increase is 158,000 people.

The table ratings are based on a six year absorption period. (5,666/year for a 20 % increase; 13.166/year for a 50% increase; and 26,333/year for a 100% increase.)

The ratings reflect maintaining the current Quality of Life that the San Diego region provides.

The ratings assume the military growth as being above the region's growth estimates of 50,000/year over the next 20 years.

A basic economic development question facing the State of California and its local governments is the replacement of aging infrastructure and the development of new infrastructure to meet the new economic challenges. Recent state-wide referendums that would have increased infrastructure funding for recreation activities, earthquake retrofitting of highway bridges and education facilities were defeated. The State of California estimates that the State's annual deficit is $2 to $3 billion; the accumulated state deficit is estimated to be $9 billion.

At the local level, all local budgets have been reduced and restricted by State requirements or local policies. Essential government services are being hard hit by the recession and budgetary constraints. State and local resources do not exist to support the anticipated population growth of the County of 1 million people in the next 20 years (50,000/year). In 1993, there was a net gain of 41,050 people in San Diego County.

Based on these elements the table is biased toward the C rating regardless of an increased military presence.

Specific Comments on C Ratings:

Off Base Housing -- Large tracts of land are being held from development (much in planned development areas) due to endangered species concerns. An effort is underway to identify critical habitat throughout the County which when completed will open currently restricted lands to development. The continued poor economy is slowing the construction of new homes.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Schools - Public -- As mentioned above, essential government services are being hard hit by the recession and budgetary constraints. As can be seen from Question 3.b.1, most school districts are at capacity and have been using trailers to accommodate student growth. New school infrastructure, teachers, etc. are needed.

Public Transportation -- Roadways -- Traffic throughout San Diego County is at Level of Service (LOS) C and D. Increases in population deteriorate the LOS. New highways are planned and construction is ongoing, but the new construction can not keep pace with the population growth.

Fire Protection -- As mentioned above, essential government services are being hard hit by the recession and budgetary constraints. Additional funding is required for more firefighters, equipment and stations.

Police -- As mentioned above, essential government services are being hard hit by the recession and budgetary constraints. Additional funding is required for more police.

Health Care Facilities -- As mentioned above, essential government services are being hard hit by the recession and budgetary constraints. Again, the rating is based on the civilian community providing this service. More facilities are needed.

Water Supply -- California is dependent of water from snowmelt and the Colorado River. The overall population growth in California and in the other areas that depend on these sources of water are overtapping these limited water sources. Several years of drought have resulted in water restrictions. Development of alternate water sources is needed.

Energy Supply -- No new energy producing plants are being built in California. Development of new energy production sources, cooperative agreements with other utilities systems and infrastructure investment are needed.

Energy Distribution -- Continued development is impacting the existing distribution network. environmental concerns over high voltage transmission lines is limiting new construction. Infrastructure investment is needed.

Wastewater Collection -- An extensive program for collection and treatment is under way in most of San Diego County. This is a multi-billion dollar investment being born by the ratepayer and is due to non-compliance with the Clean Water Act. The system once completed will be sized for the anticipated population. Much of the existing collection system is old and needing repair/replacement.

Wastewater Treatment -- An extensive program for collection and treatment is under way in most of San Diego County. This is a multi-billion dollar investment being born by the

ratepayer and is due to non-compliance with the Clean Water Act. The system once completed will be sized for the anticipated population.

Storm Water Collection -- During the spring rains, many areas flood due to undersized and inadequate storm water drains. Extensive development has "paved" over areas that used to absorb storm runoffs.

Solid Waste Collection and Disposal -- The existing landfills have finite lives and approvals for new landfills are years away. Extensive recycling programs and State mandated recycling goals will help reduce solid waste volume.

Hazardous/Toxic Waste Disposal -- No State facility exists for disposal of low level radioactive waste, landfills capable of accepting hazardous/toxic waste have finite lives. Hazardous/toxic waste minimization/elimination programs are necessary.

Source of Data (2.b. 1) & 2) - Regional Table): San Diego Association of Governments

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:

Rental Units: **11.2%**

Units for Sale: **18.3%**

Note: Percentage of rental units in the counties listed are combined. The average vacancy rate and the number of units for sale changes not only daily but hourly.

Source of Data (3.a. Off-Base Housing): Coldwell Banker Brokerage Firm.

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).

THIS QUESTION WAS ANSWERED FOR SAN DIEGO COUNTY SCHOOLS ONLY.

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	
San Diego Unified School District	San Diego	112	22	16	127,000	(1)	30	32	Yes
Poway Unified School District	San Diego	18	5	3	27,884	23,000	22.5	34	Yes
Chula Vista City Elementary School District	San Diego	32	N/A	N/A	18,284	(1)	29.8	31	No
Sweetwater Union High School District	San Diego	N/A	10	9	29,000	(1)	27	27	No
South Bay Union Elementary School District	San Diego	13	N/A	N/A	9,832	(1)	33	33	No
San Ysidro Elementary School District	San Diego	5	1	N/A	3,080	(1)	30	30	No
Alpine Union Elementary School District	San Diego	3	1	N/A	2,059	1,600	26.6	30	No
Bonsall Union Elementary School District	San Diego	1 (K-3)	1 (4-8)	N/A	1,244	1,244	27	30	No
Cajon Valley Union Elementary School District	San Diego	20	4	N/A	18,223	14,870	30.3	33	No
Cardiff Elementary School District	San Diego	2	N/A	N/A	951	951	28	30	No
Dehesa Elementary School District	San Diego	1	N/A	N/A	175	210	28	32	No
Del Mar Union Elementary School District	San Diego	3	N/A	N/A	1,200	1,400	24	27	No
Encinitas Union Elementary School District	San Diego	8	N/A	N/A	5,013	6,650	28.5	28.5	No
Escondido Union Elementary School District	San Diego	14	3	N/A	15,800	(1)	30	30	No

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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	
Fallbrook Union Elementary School District	San Diego	6	1	N/A	5,930	6100	30	33	Yes
Jamul-Dulzura Union Elementary School District	San Diego	2	1	N/A	1,229	1,229	27.5	33	No
Julian Union Elementary School District	San Diego	1	1	N/A	515	(1)	30	30	No
Lakeside Union Elementary School District	San Diego	7	2	N/A	4,897	(1)	28	31	Yes
La Mesa-Spring Valley	San Diego	18	4	N/A	14,200	13,461	28.3	32	Yes
Lemon Grove Elementary School District	San Diego	6	2	N/A	4,206	(1)	27	30	Yes
National Elementary School District	San Diego	10	N/A	N/A	6,248	(1)	30	32	Yes
Pauma Elementary School District	San Diego	2	N/A	N/A	390	(1)	26	32	No
Rancho Santa Fe Elementary School District	San Diego	1	1	N/A	590	(1)	30	30	No
San Pasqual Union Elementary School District	San Diego	1	N/A	N/A	260	315	26	35	No
Santee Elementary School District	San Diego	10	8	N/A	8,123	(1)	31	32	No
Solana Beach Elementary School District	San Diego	4	N/A	N/A	1,902	(1)	27	27	No
Spencer Valley Elementary School District	San Diego	1	N/A	N/A	28	(1)	28	30	No
Vallecitos Elementary School District	San Diego	1	N/A	N/A	215	215	32	32	No
Valley Center Union Elementary School District	San Diego	2	1	N/A	2,414	(1)	28	30	No
Warner Union Elementary School District	San Diego	1	N/A	N/A	260	400	26	35	No
Escondido Union High School District	San Diego	N/A	N/A	3	6,900	(1)	30	35	No
Fallbrook Union High School District	San Diego	N/A	N/A	1	2,500	(1)	30	30	No

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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	
Julian Union High School District	San Diego	N/A	N/A	1	200	(1)	17	35	No
San Dieguito Union High School District	San Diego	N/A	3	2	7270	7270	28.5	31	No
Borrego Springs Unified School District	San Diego	1	N/A	1 (7-12)	401	(1)	30	30	No
Mountain Empire Unified School District	San Diego	6	1 (7-12)	0	2,050	2,050	30	35	No
Oceanside Unified School District	San Diego	15	3	3	18,072	18,072	30	35	Yes
Ramona Unified School District	San Diego	5	1	2	6,500	6,400	30	35	Yes
San Marcos Unified School District	San Diego	7	1	3	10,300	10,067	31	35	No
Vista Unified School District	San Diego	13	3	2	21,000	(1)	30	35	No
Carlsbad Unified School District	San Diego	7	1	1	6,706	6,706	32	35	No
Coronado Unified School District	San Diego	2	1	1	2,400	(1)	30	31	Yes
Grossmont Union High School District	San Diego	N/A	N/A	10	20,010	(1)	30	32	No

(1) District at or exceeding capacity. Schools could add trailers to increase capacity to handle overcrowding at the schools. This capacity changes rapidly as rooms are being converted from one type of class to other.

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

Note: 20 Schools have been built in San Diego County the past two years, 14 are under construction and 27 are planned for construction in the next five years according to the San Diego County Department of Education. No information is available on the numbers of schools to be closed or the total increase of student enrollment.

Source of Data (3.b.1) Education Table): San Diego County Department of Education

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

NO SECTION 6 SCHOOLS ON ANY BASE IN SAN DIEGO COUNTY

Source of Data (3.b.2) On-Base Schools): COMNAVBASE San Diego/MCB Camp Pendleton

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 :

San Diego State University
University of California San Diego
- a) Fifth College
- b) John Muir College
- c) Revelle College
- d) Third College
- e) Warren College

San Diego Miramar College
United States International University at San Diego
San Diego Mesa College
Grossmont College
University of San Diego
San Diego City College
Point Loma College
Cuyamaca College
Christian Hertiage College
Southwestern College
National University
Palomar College
Mira Costa College
California Western School of Law
Western State University College of Law
New School of Architecture
California School of Professional Psychology
Chapman College
Charles H Mason University
William Lyon University

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

The University for Humanistic Studies
West Coast University
La Jolla University
Webster University
La Jolla Academy of Advertising Arts
University of Phoenix
University of La Verne

Source of Data (3.b.3) Colleges): San Diego County Department of Education/Yellow Pages

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:

American Business College
Computerized Accounting, Administrative Secretary, Legal Secretary, Word Processing, Data Entry, and Computer Training
ABC Tech Centre City
Automotive Technology, Air Conditioning/Heating & Refrigeration, Building Maintenance(Carpentry, Plumbing, Electrical), and Private Security
ABC Tech Mission Gorge
Drafting (AUTOCAD), Electronics, Digital, Microprocessor, Computer Tech
San Diego College
Medical Assistant, Pharmacy Technician, Registered Dental Assistant, Optical Technician, Medical Office Specialist
Kelsey-Jenney Business College
Accounting and Finance, Paralegal, Court Reporting, Management/Sales & Marketing, Legal & Executive Secretarial, Computer Applications & Word Processing
Platt College
Computer Graphics, Graphic Design, Architectural or Electromechanical Drafting or Computer-Aided Drafting
Concorde Career Institute
Medical Assistant, Dental Assistant, Medical Office Management, Vocational Nurse (LVN), Paralegal, Computer Service Technician, Mirco-Computer Operator
Maric College of Medical Careers
Medical Assistant, Medical Insurance, Medical Receptionist, Medical Administration, Medical Transcriptionist, Licensed Vocational Nurse
Design Institute of San Diego
Interior Design

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Apollo College
Medical Assistant, Medical Office Secretary, Computerized Medical Office Secretary, Electronics Technician, Legal Assistant, Computerized Office Systems, and Hotel-Motel Management

Century Schools
Chef, Hotel & Restaurant Bartenders, Waiters & Waitresses, Paralegal, Legal Secretary, Bankteller, Word Processing/Typing, Security Officer/Private Investigations

Watterson College Pacific
Court Reporting, Paralegal, Word Processing/Computer Specialist, Travel and Tourism, Security Professions, and Medical Assistant

Pacific Coast College
Computerized Accounting Specialist, Data Entry Specialist, Word Processing Specialist, Computerized Office Specialist, Legal Secretarial, Medical Receptionist, Vocational Nursing, and Nursing Assistant

Academy of International Bartending
Bartending

DTI Institute
Advertising Art, Computer Graphics/Desktop Publishing, and Dental Lab Technology

Sawyer College of Business
Computerized Accounting, Legal Secretary, Electronics Technician, Word Processor, Computer Operator, and Receptionist

North Park College
Word Processor, Administrative Assistant, Micro Computer Repair Technician, Para-Legal Assistant

Source of Data (3.b.4) Vo-tech Training): San Diego County Department of Education/Yellow Pages

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:	Y	
Rail:	Y	
Subway:		N
Ferry:		N

Source of Data (3.c.1) Transportation): Commuter Computer

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.

Downtown San Diego, AMTRACK Station, 7.2 miles.

Source of Data (3.c.2) Transportation): AMTRACK information and city Map

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.

San Diego International Airport, 7 miles

Source of Data (3.c.3) Transportation): NAVSEACENPAC travel office

4) How many carriers are available at this airport?

12 Major air carriers

Source of Data (3.c.4) Transportation): SATA Travel Office

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

Interstate 5, 3/4 mile

Source of Data (3.c.5) Transportation): City Map

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.)

Answer provided is concerning Air Force Plant 19 which is being taken over by the Navy. NISE WEST and NAVSEACENPAC are co-occupants.

Access to Plant 19 is restrictive due to the "one way in & one way out". Access is via a single lane frontage road that leads to two entrance gates. Backup on the first gate during morning rush causes vehicles to be backed up on a busy street (Pacific Highway) at times. Although the frontage road is a single lane, traffic does squeeze through making conditions somewhat hazardous. Afternoon departing traffic does not appear to be as serious, probably due to flexitime and shift work employees.

b) Do access roads transit residential neighborhoods?

No

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

Yes, the frontage road that runs along the perimeter belongs to the city of San Diego.

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)?
No

Source of Data (3.c.6) Transportation): Security Officer

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, Fire protection/Hazardous Material incidents is provided by the Federal Fire Department.

Source of Data (3.d. Fire/Hazmat): Safety Officer

e. **Police Protection.**

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

No level of jurisdiction is held by NAVSEACENPAC as a tenant. Our level of jurisdiction is under the umbrella of the Host, NISE WEST. Our Inter-Service Support Agreement (ISSA) is now being developed.

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.
N/A

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.

Source of Data (3.e. 1) - 5) - Police): Naval Station BRAC Team, NISE WEST Security Officer.

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.

No, Our contract is with General Dynamics, Space Systems Division, which is being replaced by NISE WEST. All utilities and Maintenance are paid for on a square foot/occupancy rate.

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

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, just normal routine planned preventative maintenance outages in electrical services. There are Occasional electrical unplanned outages due to the age and loading of the electrical circuits. But with no major impact to operations.

Source of Data (3.f. 1) - 3) Utilities): NAVSEACENPAC CONTRACTING OFFICER AND FACILITIES MANAGER.

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. Military	Active Duty - Department of Navy	122,000
2. Department of Navy Full-time Civilians	Department of Navy	36,000
3. University of California San Diego	Education	17,000
4. San Diego County	Public Service	13,000
5. San Diego Unified School District	Public Service	13,000
6. City of San Diego	Public Service	10,000
7. Sharp Healthcare	Medical	9,000
8. Martin Marietta	Manufacturing	9,000 (Note 1)
9. Scripps Memorial Hospitals	Medical	8,000
10. State of California	Public Service	7,000
11. U. S. Postal Service	Mail	6,000
12. San Diego Community College District	Education	5,100

Note 1: Martin Marietta purchased the assets of the General Dynamics Corporation in San Diego has announced the movement of most all jobs from the San Diego area.

Source of Data (4. Business Profile): San Diego and Chula Vista Chamber of Commerces, Department of Navy, San Diego Association of Governments

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:

General Dynamics sold most of its interests in San Diego and its successor Martin Marietta has announced that they will ceased move most all operations from San Diego. The remaining General Dynamics asset (Convair Division) announced 1 july that they will cease operation in 1996, the loss of 2,100 jobs. All aerospace industries in San Diego (General Dynamics, Martin Marietta and Rohr) have suffered dramatically from cutbacks in defense industries and aerospace.

b. Introduction of New Businesses/Technologies:

New business growths are expected to be in the biotechnology, healthcare, computers and electronics, and telecommunications.

c. Natural Disasters:

No major disasters affecting San Diego County have occurred over past 5 years. As was shown recently in Los Angeles, there is always a potential for earthquakes.

d. Overall Economic Trends:

The economy is slow in returning from the recession that is affecting California. The area continues to have a net increase of people, however the high paying jobs are being terminated or moved out of the area. Planners at the San Diego Association of Governments predict an increase of 29,000 jobs per year till 2015.

Source of Data (5. Other Socio/Econ): San Diego Associations of Governments.

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

Source of Data (6. Other):

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

NEXT ECHELON LEVEL (if applicable)

R. P. DRAIM
NAME (Please type or print)

Signature

Executive Director for Ship Design and Engineering
Title

19 July 1994
Date

NAVSEA 03B
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

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

Signature

Title

7/25/94
Date

Naval Sea Systems 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)

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

Signature

ACTING
Title

16 AUG 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

R.L. BRENNON, CAPT. USN
NAME (Please type or print)

R L Brennon
Signature

COMMANDING OFFICER
Title

2/14/94
Date

NAVAL SEA SUPPORT CENTER, PACIFIC
Activity

Document Separator

191

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	**NAVAL SEA SUPPORT CENTER, PACIFIC (NAVSEACENPAC)**
UIC:	**65913**
Host Activity Name (if response is for a tenant activity):	**NAVAL STATION, SAN DIEGO**
Host Activity UIC:	**00245**

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

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

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

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVSEACENPAC		UIC: 65913	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	86	0	86
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	**86**	**0**	**86**
2. Other Base Operating Support Costs:			
2a. Utilities	98	0	98
2b. Transportation	165	0	165
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	204	7840	8044
2j. Other (Specify)			
(1) Communications	580	0	580
(2) Custodial	216	0	216
(3) Contracts	497	0	497
(4) Equipment/Misc	631	0	631

DATA CALL 66
INSTALLATION RESOURCES

2k. Sub-total 2a. through 2j:	**2391**	**7840**	**10,231**
3. Grand Total (sum of 1c. and 2k.):	**2477**	**7840**	**10,317**

Note - Military cost are not included in the table. Military salaries are tracked through the Military pay system.

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: **N/A**

Appropriation Amount ($000)

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.** **N/A**

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:		**UIC:**	
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)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :			

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: NAVSEACENPAC	**UIC: 65913**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	4900
Material and Supplies (including equipment):	7087
Industrial Fund Purchases (OPN):	0
Transportation:	165
Other Purchases (Contract):	16,639
Total:	**28,791**

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: NAVSEACENPAC	**UIC: 65913**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
On-Base:**	13
Construction:	0
Facilities Support:	0
Mission Support:	55
Procurement:	0
Other:*	0
Total Workyears:	**68**

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

** **Two workyears will be utilized to support the NAVSEACENPAC Technical Library. Eleven workyears are Contractor Engineering Technical Services (CETS).**

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.?

No Change

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)):

Thirteen (13)

2) Estimated number of workyears which would be eliminated:

None

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):

Fifty-Five (55)

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)**:

N/A

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

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

NAVSEACENPAC
DATA CALL 66

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

NEXT ECHELON LEVEL (if applicable)

R. P. DRAIM
NAME (Please type or print)

Signature

Executive Director for Ship Design and Engineering
Title

7/18/94
Date

NAVSEA 03B
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

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

Signature

Commander
~~Sea Systems Command~~
Title

8-15-94
Date

Activity

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

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

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

Signature

Title

9/2/94
Date

BRAC-95 CERTIFICATION

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

ACTIVITY COMMANDER

R. L. BRENNON, CAPT, USN
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

7/18/94
Date

NAVAL SEA SUPPORT CENTER, PACIFIC
Activity