

**DATA CALL 63
FAMILY HOUSING DATA**

220

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

Installation Name:	NCCOSC SAN DIEGO
Unit Identification Code (UIC):	N68940
Major Claimant:	COMSPAWARSYSCOM

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):	0	
Total Number of Officer Housing Units:	1	CW
Total Number of Enlisted Housing Units:	0	

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377. Lines 7-9, represents the activities' "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 5 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 52JCW

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)

Title

W A Earner

Signature

7/25/94

Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

THOMAS A. DAMES

NAME (Please type of print)

Rear Admiral, CEC, USN

Title

LANTNAVFACENGCOM

Activity


Signature J.B. VENABLE
Acting

JUL 06 1994

Date

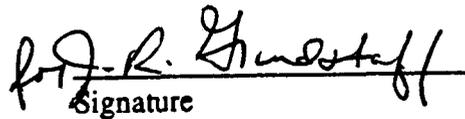
ENCLOSURE(2)

BRAC-95 CERTIFICATION

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



Paulette C. Brown
Name (Please type or print)



Signature

Head, Operations & Projects Branch
Title

7-6-94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVEACENCOM
Activity

BRAC-95 CERTIFICATION

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

I. Richard Grindstaff
Name (Please type or print)

J. Richard Grindstaff
Signature

Head, Requirements & Acquisition Branch
Title

7-6-99
Date

Housing Division
Division

Facilities Management
Department

LANTNAVEACENGCOM
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

7-6-94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVEACENGCOM
Activity

200

**DATA CALL 66
INSTALLATION RESOURCES**

Activity Information:

Activity Name:	Naval Command, Control and Ocean Surveillance Center, San Diego
UIC:	N68940
Host Activity Name (if response is for a tenant activity):	Fleet Combat Training Center Pacific, San Diego
Host Activity UIC:	N00948

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

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

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

**DATA CALL 66
INSTALLATION RESOURCES**

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NCCOSC SAN DIEGO CA		UIC: N68940	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			NONE
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:			
3. Grand Total (sum of 1c. and 2k.):			NONE

**DATA CALL 66
INSTALLATION RESOURCES**

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

<u>Appropriation</u>	<u>Amount (\$000)</u>
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N/A

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

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

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INSTALLATION RESOURCES**

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NCCOSC SAN DIEGO CA			UIC: N68940
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.			NONE
2. Other Base Operating Support Costs:			
2a. Command Office	28,258	2,568	30,826
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:	28,258	2,568	30,826
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :	28,258	2,568	30,826

**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: NCCOSC SAN DIEGO CA	UIC: N68940
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	252
Material and Supplies (including equipment):	648
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	2
Other Purchases (Contract support, etc.):	27,356
Total:	28,258

**DATA CALL 66
INSTALLATION RESOURCES**

3. Contractor Workyears.

Note: Data provided excludes contract workyears at our Space Technology Directorate located at the Naval Research Laboratory.

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: NCCOSC SAN DIEGO CA	UIC: N68940
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	NONE

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

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INSTALLATION RESOURCES**

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

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

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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

N/A

**DATA CALL 66
INSTALLATION RESOURCES**

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

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

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

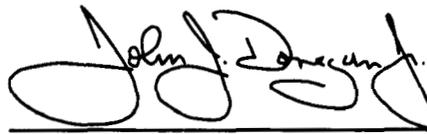
BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Sixty-Six - NCCOSC SAN DIEGO CA

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

NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)


SIGNATURE

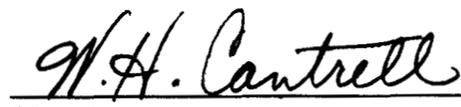
Commander
Title
Naval Command, Control and Ocean
Surveillance Center
Activity

22 JULY 1994
Date

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)


Signature

Commander
Title

27 July 1994
Date

Space and Naval Warfare
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

8/9/94
Date

Activity

DATA CALL 1: GENERAL INSTALLATION INFORMATION

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

• Name

Official name: Naval Command, Control and Ocean Surveillance Center
Acronym(s) used in correspondence: COMNCCOSC
Commonly accepted short title(s): NCCOSC

• Complete Mailing Address

Commander, Naval Command, Control and Ocean Surveillance Center
53660 Oceanview Drive Suite 317
San Diego, CA 92147-5088

• PLAD

NCCOSC SAN DIEGO CA

• PRIMARY UIC: N68940 (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: _____

2. PLANT ACCOUNT HOLDER:

• Yes X No _____ (check one)

** Class 1 and 2 property is assigned to NCCOSC, UIC 68940. Property is physically located and managed at NISE East Detachment Norfolk, UIC 65580.

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

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

• Yes X No (check one)

** Class 1 and 2 property is assigned to NCCOSC, UIC 68940. Property is physically located and managed at NISE East Detachment Norfolk, UIC 65580.

• 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: N61665

• Primary Host (as of 01 Oct 1995) UIC: N61665

• Primary Host (as of 01 Oct 2001) UIC: N61665

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

• Yes No X (check one)

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

Name	Location	UIC
N/A		

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

Name	UIC	Location	Host name	Host UIC
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N/A

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

Yes.

In accordance with the April 1991 Department of the Navy BRAC realignment planning strategies, the Naval Command, Control and Ocean Surveillance Center, including the Headquarters organization, was commissioned 2 January 1992. The realignment brought together under one command nine engineering centers with associated detachments and one R&D center with associated detachments. The on-going realignment/consolidation process has resulted in the current command structure which includes two In-Service Engineering (ISE) divisions, NISE East (N65236) and NISE West (N68944), and one R&D division, NRaD (N66001).

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).

NOTE: INFORMATION PROVIDED RELATES ONLY TO THE NCCOSC HEAD-QUARTERS COMPONENT, WHICH PROVIDES CHAIN OF COMMAND, ADMINISTRATIVE, AND OPERATIONAL DIRECTION FOR THE WARFARE CENTER'S THREE TECHNICAL DIVISIONS. FUNCTIONAL AND OPERATIONAL MISSION RESPONSIBILITIES DATA WILL BE REPORTED IN THE INDIVIDUAL DIVISION/ACTIVITY INPUT. RECOGNIZED WARFARE CENTER MISSION INFORMATION IS AS FOLLOWS:

Current Missions

NCCOSC is the Navy's full spectrum research, development, test and evaluation, engineering and fleet support center for command control and communications and ocean surveillance and the integration of those systems which overarch multiplatforms. NCCOSC provides the Navy with leadership and expertise in the following technical areas:

- Command control and communications (C3) systems
- C3 systems countermeasures
- Ocean surveillance systems
- C3 modeling/analysis
- Ocean engineering
- Navigations support
- Marine mammals
- Integration of space communication and surveillance systems

More detailed tasks and functions are listed by subordinate commands

Projected Missions for FY 2001

- Same as above.

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

- N/A

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
Space and Naval Warfare Command N00039
- (Major) Funding Source(s) UIC
SPAWAR N00039

IMMEDIATE SUBORDINATE COMMANDS

- Operational name UIC
NISE East N65236
NISE West N68944
NRaD N66001

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

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>8</u>	<u>0</u>	<u>22*</u>
• Tenants (total)	<u> </u>	<u> </u>	<u> </u>

* Reported also by Host FCTCP (UIC N61665)

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>9</u>	<u>0</u>	<u>25*</u>
• Tenants (total)	<u> </u>	<u> </u>	<u> </u>

* Reported also by Host FCTCP (UIC N61665)

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

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• CO/OIC			
<u>RADM J. J. Donegan</u>	(619) 553-0170	(619) 553-9486	(619) 553-0154 (CA) (703) 775-7110 (VA)
• Duty Officer			
<u>CAPT. G. Klein</u>	(619) 553-9396	(619) 553-9486	[NA]

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
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N/A

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
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N/A

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
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N/A

Data Call 1: General Installation Information, continued

N68940

• Tenants (Other than those identified previously)

Tenants located at NISE East Detachment Norfolk*

* Class 1 and 2 property is assigned to NCCOSC, UIC N68940. Property is physically located and managed at NISE East Detachment Norfolk, UIC N65580.

Tenant Command Name	UIC	Officer	Enlisted	Civilian
DRMO	SXG493	0	0	21
ILO	N0067A	1	6	6
CHESDIV	N0537A	0	0	4
SIMA	N33341	19**	517**	15
FTC School of Cryogenics	N42090	1	26	0
Fleet ILO Team	N49243	0	11	20
NAVSEACENLANT	N65912	4	36	593
Naval Air Warfare Center	N68335	0	0	10
SUPSHIP*				
NAVSEA*				
PWC*				

* Maintain facilities at St. Juliens Creek, but personnel numbers are also being reported through their reporting senior in command.

** Numbers for SIMA include 14 military officer reservists & 177 enlisted reservists.

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.)
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N/A

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

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

Maps to be provided by HOST Command.

Certified Data: Naval Command, Control and Ocean Surveillance Center - BRAC 95 Data Call Number One

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."

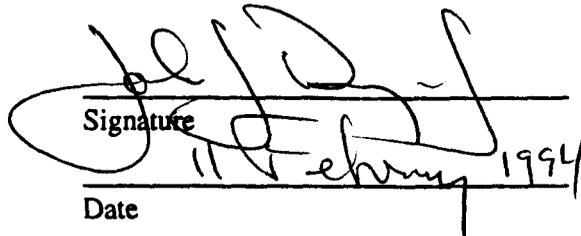
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

L. J. Donegan, Jr
 NAME (Please type or print)
Commander
 Title
Naval Control, Command and Ocean
Surveillance Center
 Activity


 Signature
11 February 1994
 Date

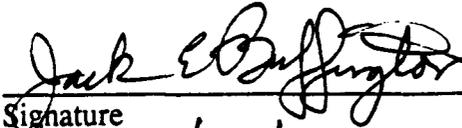
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

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

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
7/13/94
Date

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

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

W. A. EARNER

NAME (Please type or print)

Title


Signature
7/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12 July 1994
Date

Enclosure (1)

**BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE**

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,
2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,
3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than \$15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.

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Activity Identification: Please complete the following table, identifying the activity for which this response is being submitted.

Activity Name:	Naval Command, Control and Ocean Surveillance Center San Diego
UIC:	N68940
Major Claimant:	Space and Naval Warfare Systems Command, 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

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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:
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\$46,773

Source of Data (1.a. Salary Rate): R. Heckman, NCCOSC SAN DIEGO CA Code 111 (NCCOSC ORGANIZATIONAL LISTING BY ACTIVITY)
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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			
San Diego	CA	8	75	100	17	25

83* = 100%

* Total number of personnel on NCCOSC SAN DIEGO CA payroll located in San Diego Metropolitan Area.

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:

San Diego County

<p>Source of Data (1.b. 1) & 2) Residence Data): R. Heckman, NCCOSC SAN DIEGO CA Code 111 (Personal interview); J. Barhoum, NCCOSC 122</p>

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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)
San Diego	San Diego	Within city limits
Tijuana	Baja, Mexico	28
Chula Vista	San Diego	14
Escondido	San Diego	30
Oceanside	San Diego	35

Source of Data (1.c. Metro Areas): J. Barhoum, NCCOSC SAN DIEGO CA Code 122 (1993 San Diego Business Journal Book of Lists; Mileage: AAA map of San Diego County)

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d. **Age of Civilian Workforce.** Complete the following table, identifying the age of the activity's civil service workforce.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years		
20 - 24 Years		
25 - 34 Years	17	17.90
35 - 44 Years	21	22.11
45 - 54 Years	47	49.47
55 - 64 Years	9	9.47
65 or Older	1	1.05
TOTAL	95*	100 %

* Total number of civilian personnel on NCCOSC SAN DIEGO CA payroll including those assigned to other geographic locations for 12 months or longer and whose units are not designated detachments.

Source of Data (1.d.) Age Data): J. Barhoum, NCCOSC SAN DIEGO CA Code 122 (Defense Civilian Personnel Data System - DCPDS)

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e. Education Level of Civilian Workforce

1) **Education Level Table.** Complete the following table, identifying the education level of the activity's civil service workforce.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less		
9th through 11th Grade	1	1.05
12th Grade or High School Equivalency	25	26.32
1-3 Years of College	15	15.79
4 Years of College (Bachelors Degree)	32	33.68
5 or More Years of College (Graduate Work)	22	23.16
TOTAL	95	100 %

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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.)	2
Associate Degree	5
Bachelor Degree	33
Masters Degree	19
Doctorate	1

<p>Source of Data (1.e.1) and 2) Education Level Data): J. Barhoum, NCCOSC SAN DIEGO CA Code 122 (DCPDS)</p>

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.

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Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. **Leave shaded areas blank.**

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09		
2. Construction (includes facility maintenance and repair)	15-17		
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34		
3b. Aircraft (includes engines and missiles)	3721 et al		
3c. Ships	3731		
3d. Other Transportation (includes ground vehicles)	various		
3e. Other Manufacturing not included in 3a. through 3d.	various		
Sub-Total 3a. through 3e.	20-39		
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40		

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Industry	SIC Codes	No. of Civilians	% of Civilians
4b. Motor Freight Transportation & Warehousing (includes supply services)	42		
4c. Water Transportation (includes organizational level maintenance)	44		
4d. Air Transportation (includes organizational level maintenance)	45		
4e. Other Transportation Services (includes organizational level maintenance)	47		
4f. Communications	48		
4g. Utilities	49		
Sub-Total 4a. through 4g.	40-49		
5. Services	70-89		
5a. Lodging Services	70		
5b. Personal Services (includes laundry and funeral services)	72		
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73		
5d. Automotive Repair and Services	75		
5e. Other Misc. Repair Services	76		
5f. Motion Pictures	78		

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Industry	SIC Codes	No. of Civilians	% of Civilians
5g. Amusement and Recreation Services	79		
5h. Health Services	80		
5i. Legal Services	81		
5j. Educational Services	82		
5k. Social Services	83		
5l. Museums	84		
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87		
5n. Other Misc. Services	89		
Sub-Total 5a. through 5n.:	70-89		
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	95	100
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.		95	100%

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Industry	SIC Codes	No. of Civilians	% of Civilians
TOTAL		95	100 %

Source of Data (1.f.) Classification By Industry Data): R. Heckman, NCCOSC SAN DIEGO CA Code 111

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	62	65.26
2. Professional Specialty		
2a. Engineers	2	2.11
2b. Architects and Surveyors		
2c. Computer, Mathematical & Operations Research	3	3.16

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
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		
2n. Visual Arts		
Sub-Total 2a. through 2n.:	5	5.27
3. Technicians and Related Support		
3a. Health Technologists and Technicians		
3b. Other Technologists		
Sub-Total 3a. and 3b.:		
4. Administrative Support & Clerical	28	29.47

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
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	95	100 %

**Source of Data (1.g.) Classification By Occupation Data): J. Barhoum, NCCOSC
SAN DIEGO CA Code 122 (DCPDS)**

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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; tilers.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** 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.

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.

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1. Percentage of Military Employees Who Are Married:	88%
2. Percentage of Military Spouses Who Work Outside of the Home:	57%
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:	
3b. Employed "On-Base" - Non-Appropriated Fund:	
3c. Employed "Off-Base" - Federal Employment:	
3d. Employed "Off-Base" - Other Than Federal Employment	100%

<p>Source of Data (1.h.) Spouse Employment Data): R. Heckman, NCCOSC SAN DIEGO CA Code 111 (Personal interview)</p>
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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.

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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.

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

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

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

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Category	20% Increase	50% Increase	100% Increase
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A	A	A
Recreational Activities	A	A	A

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

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

<p>Source of Data (2.a. 1) & 2) - Local Community Table): D. Poehling, NCCOSC RDTE DIV SAN DIEGO CA Code 0203</p>
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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

b. Table B: Ability of the region described in the response to question 1.b. (page 3) (taken in the aggregate) to meet the needs of additional employees and their families relocating into the area.

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

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	A	A
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	A	A	A
Public Transportation - Rail	A	A	A
Fire Protection	A	A	A
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:			
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

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Category	20% Increase	50% Increase	100% Increase
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A	A	A
Recreation Facilities	A	A	A

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

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): D. Poehling, NCCOSC RDTE DIV
SAN DIEGO CA Code 0203

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: 6.0%

Units for Sale: 1.5%

Source of Data (3.a. Off-Base Housing): CDR. M.D. Huntzinger, COMNAVBASE,
San Diego (Family Housing Market Analysis of 12/92 by Robert D. Niehaus, Inc.)

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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	Co	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	SD	112	22	16	127,000	(1)	30	32	Y
Poway Unified	SD	18	5	3	27,884	23,000	22	34	Y
Chula Vista City Elementary	SD	32	NA	NA	18,284	(1)	30	31	N
Sweetwater Union High	SD	NA	10	9	29,000	(1)	27	27	N
South Bay Union Elementary	SD	13	NA	NA	9,832	(1)	33	33	N
San Ysidro Elementary	SD	5	1	NA	3,080	(1)	30	30	N
Alpine Union Elementary	SD	3	1	NA	2,059	1,600	27	30	N
Bonsall Union Elementary	SD	1	1	NA	1,244	1,244	27	30	N
Cajon Valley Union Elementary	SD	20	4	NA	18,223	14,870	30	33	N
Cardiff Elementary	SD	2	NA	NA	951	951	28	30	N
Dehesa Elementary	SD	1	NA	NA	175	210	28	32	N
Del Mar Union Elementary	SD	3	NA	NA	1,200	1,400	24	27	N
Encinitas Union Elementary	SD	8	NA	NA	5,013	6,650	28	28	N
Escondido Union Elementary	SD	14	3	NA	15,800	(1)	30	30	N
Fallbrook Union Elementary	SD	6	1	NA	5,930	6,100	30	33	Y
Jamul-Dulzura Union Elementary	SD	2	1	NA	1,229	1,229	28	33	N

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Julian Union Elementary	SD	1	1	NA	515	(1)	30	30	N
Lakeside Union Elementary	SD	7	2	NA	4,897	(1)	28	31	Y
La Mesa-Spring Valley	SD	18	4	NA	14,200	13,461	28	32	Y
Lemon Grove Elementary	SD	6	2	NA	4,206	(1)	27	30	Y
National Elementary	SD	10	NA	NA	6,248	(1)	30	32	Y
Pauma Elementary	SD	2	NA	NA	390	(1)	26	32	N
Rancho Santa Fe Elementary	SD	1	1	NA	590	(1)	30	30	N
San Pasqual Union Elementary	SD	1	NA	NA	260	315	26	35	N
Santee Elementary	SD	10	8	NA	8,123	(1)	31	32	N
Solana Beach Elementary	SD	4	NA	NA	1,902	(1)	27	27	N
Spencer Valley Elementary	SD	1	NA	NA	28	(1)	28	30	N
Vallecitos Elementary	SD	1	NA	NA	215	215	32	32	N
Valley Center Union Elementary	SD	2	1	NA	2,414	(1)	28	30	N
Warner Union Elementary	SD	1	NA	NA	260	400	26	35	N
Escondido Union High	SD	NA	NA	3	6,900	(1)	30	35	N
Fallbrook Union High	SD	NA	NA	1	2,500	(1)	30	30	N
Julian Union High	SD	NA	NA	1	200	(1)	17	35	N
San Dieguito Union High	SD	NA	3	2	7,270	7,270	28	31	N
Borrego Springs Unified	SD	1	NA	1	401	(1)	30	30	N
Mountain Empire Unified	SD	6	NA	1	2,050	2,050	30	35	N
Oceanside Unified	SD	15	3	3	18,072	18,072	30	35	Y
Ramona Unified	SD	5	1	2	6,500	6,400	30	35	Y
San Marcos Unified	SD	7	1	3	10,300	10,067	31	35	N

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Vista Unified	SD	13	3	2	21,000	(1)	30	35	N
Carlsbad Unified	SD	7	1	1	6,706	6,706	32	35	N
Coronado Unified	SD	2	1	1	2,400	(1)	30	31	Y
Grossmont Union High	SD	NA	NA	10	20,010	(1)	30	32	N

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

(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.

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): CDR M.D. Huntzinger, COMNAVBASE, San Diego (San Diego County Department of Education)

2) 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): CDR M.D. Huntzinger, COMNAVBASE, San Diego

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 :

California School of Professional Psychology
California Western School of Law

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Chapman College
Christian Heritage College
Coleman College
Cuyamaca College
Grossmont College
Mira Costa College
National University
New School of Art and Architecture
Palomar College
Point Loma Nazarene College
San Diego City College
San Diego Mesa College
San Diego Miramar College
San Diego State University
Southwestern College
United States International University
University of California - San Diego
University of LaVerne
University of Phoenix
University of Professional Studies
University of Redlands
University of San Diego
Webster University
Western State University College of Law
West Coast University

Source of Data (3.b.3) Colleges): J. Barhoum, NCCOSC SAN DIEGO CA Code 122
(Accredited Institutions of Postsecondary Education (1991)), San Diego Pacific Bell
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:

Academy of Arts College: Advertising Design, Motion Pictures, Computer Art

Advertising Arts College: Desktop Publishing

Academy of Court Reporting

Anthony Schools of San Diego: Real Estate, Appraiser License Training, Contractor License

Cabot Colleges: Medical Assistant, Medical Office, Computer

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CAD Institute: Computer Aided Desing

California College for Health Sciences

California Culinary Academy: Professional Chef Training

Century Business College: Restaurant Specialities, Paralegal, Secretarial, Banking, Security, and Private Investigations

Coleman College: Computer Information Science, Computer Electronics Technology, Office Automation Systems

Concorde Career Institute: Medical/Dental, Legal, and Computer

Court Reporting Institute

Design Institute of San Diego: Interior Design

Edu Tek Professional Colleges: Drafting, Electronics, Computertized Accounting, Administrative Assistant, Legal Secretary, Midical Assistant, Pharmacy Technician, Dental Assistant, Optical Technician, Automotive Technology, Air Conditioning-Heating and Refrigeration, Building Maintenance, Welding

El Dorado College: Accounting, Bookkeeping, Secretarial, Hotel Operations, Computer Technician

ITT Technical Institute: Electronics Technology, Computer-Aided Drafting, Hospitality Management

Kelsey Jenny Business College: Legal, Business, and Medical

Maric College of Medical Careers

Pacific Coast College: Computerized Accounting, Secretarial, and Medical Specialties

Platt College: Advertising Arts, Medical Administration, and Drafting

Travel University International

<p>Source of Data (3.b.4) Vo-tech Training): J. Barhoum, NCCOSC SAN DIEGO CA Code 122 (<u>Accredited Institutions of Postsecondary Education (1991)</u>, San Diego Pacific Bell Yellow Pages</p>

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. Transportation.

1) Is the activity served by public transportation?

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

Source of Data (3.c.1) Transportation): R. Heckman, NCCOSC SAN DIEGO CA
Code 111

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.

Santa Fe (AMTRAK) Depot
1050 Kettner Blvd.
San Diego, CA 92101

6 miles

Source of Data (3.c.2) Transportation): D. Poehling, NCCOSC RDTE DIV SAN
DIEGO CA Code 0203

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
3665 N. Harbor Drive
San Diego, CA 92101

4 miles

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (3.c.3) Transportation): D. Poehling, NCCOSC RDTE DIV SAN DIEGO CA Code 0203

4) How many carriers are available at this airport?

15 passenger; 7 freight

Source of Data (3.c.4) Transportation): D. Poehling, NCCOSC RDTE DIV SAN DIEGO CA Code 0203 (Unified Port District of San Diego)

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

Interstate 8

4.2 miles

Source of Data (3.c.5) Transportation): D. Poehling, NCCOSC RDTE DIV SAN DIEGO CA Code 0203

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.)

State Highway 209 converges with Catalina Boulevard, the main access to the facility. The Boulevard is a four lane surface street that transverses a residential district along the entire crest of Point Loma. It has the capacity to serve the existing residential neighborhood, three geographic areas of the NCCOSC RDT&E Division (NRaD), Fort Rosecrans National Cemetery, the Cabrillo National Monument, and NCCOSC Headquarters. The boulevard converges from four lanes into two lanes at Electron Drive, which is the main entrance into NRaD (travelling East) and NCCOSC Headquarters (travelling West). Catalina then continues south past the NRaD SEASIDE

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

location entrance, the Fort Rosecrans National Cemetery entrance, and terminates at the Cabrillo National Monument. Since the primary users of Catalina Boulevard during peak hours are federal personnel, traffic congestion and adverse impact upon the community is kept to a minimum.

b) Do access roads transit residential neighborhoods?

Yes, Catalina Boulevard transits a residential neighborhood.

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

The access road is built out to its maximum.

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

No

Source of Data (3.c.6) Transportation): D. Aitken, NCCOSC RDTE DIV SAN DIEGO CA Code 0265

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 activity is included in the NCCOSC RDT&E Division agreement with the Federal Fire Department - Point Loma. The agreement provides fire protection (prevention and suppression) and response to hazardous material incidents. The fire department role in hazardous material incidents is to provide initial response, including command and control of fire and rescue personnel during operations involving rescue, extinguishment, or possible containment of the material. Once these actions have been accomplished, the fire department involvement reverts back to a support role. Recovery, neutralization, cleanup, and disposition of hazardous materials or chemicals is accomplished by trained experts in the related field, such as the Navy Public Works Center.

Source of Data (3.d. Fire/Hazmat): D. Davison, NCCOSC RDTE DIV SAN DIEGO CA Code 038

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Police Protection.

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

NA -- the activity is not a property holder.

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.

NA

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

NA

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.

NA

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.

NA

Source of Data (3.e. 1) - 5) - Police): NA

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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.

All utilities are owned by Navy Public Works Center, San Diego.

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

Source of Data (3.f. 1) - 3) Utilities): NA
--

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. U.S. GOVERNMENT (MILITARY)	Armed Forces	122,000
2. U.S. GOVERNMENT (CIVILIAN)	Government	36,000
3. UNIVERSITY OF CALIFORNIA	Education	17,000
4. COUNTY OF SAN DIEGO	Government	13,000
5. SAN DIEGO UNIFIED SCHOOL	Education	13,000
6. CITY OF SAN DIEGO	Government	10,000
7. SHARP HEALTH CARE	Health Care	9,000
8. MARTIN MARIETTA*	Aircraft Manufacturing	9,000
9. SCRIPPS MEMORIAL HOSPITALS	Health Care	8,000
10. STATE OF CALIFORNIA	Government	7,000

* Martin Marietta purchased the assets of the General Dynamics Corporation in San Diego and has announced the movement of most jobs from the San Diego area.

Source of Data (4. Business Profile): J. Barhoum, NCCOSC SAN DIEGO CA Code 122 (1993 San Diego Business Journal Book of Lists); CDR M.D. Huntzinger, COMNAVBASE, San Diego (San Diego and Chula Vista Chamber of Commerces, Department of Navy, San Diego Association of Governments)

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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 Corp has sold most of its San Diego assets to Martin Marietta, which has announced that most San Diego operations will be relocated. The remaining General Dynamics asset (Convair Division) is scheduled to cease operation in 1996. The total job loss is approximately 9,000. All aerospace industries in San Diego have suffered dramatically from defense industry cutbacks.

b. Introduction of New Businesses/Technologies:

New business growth is expected in the areas of biotechnology, health care, computer technology and electronics, telecommunications, and export trade to the Pacific Rim.

c. Natural Disasters:

No major natural disasters have occurred in San Diego county in the past 5 years, however, there is the potential for earthquake damage.

d. Overall Economic Trends:

The San Diego economy is slow returning from the recession which has affected California for approximately five years. The area continues to have a net increase in population, however, high paying jobs are migrating elsewhere. San Diego Association of Government planners predict an increase of 29,000 jobs per year through the year 2015.

Source of Data (5. Other Socio/Econ): CDR M.D. Huntzinger, COMNAVBASE, San Diego (San Diego Association of Governments)

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

The NCCOSC Headquarters staff personnel individually participate in numerous local community functions, however, the size of the activity precludes major community contributions.

Source of Data (6. Other): R. Heckman, NCCOSC SAN DIEGO CA Code 111

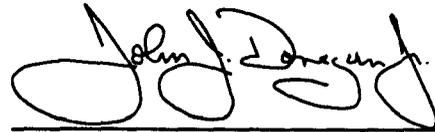
BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Sixty-Five - NCCOSC SAN DIEGO CA

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

NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)



Commander
Title
Naval Command, Control and Ocean Surveillance Center
Activity

25 July 1994
Date

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)


Signature

Commander
Title

27 July 1994
Date

Space and Naval Warfare 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)
ACTING


Signature
18 AUG 1994

Title

Date

Activity

220

BRAC-95

**DATA CALL NUMBER TWELVE
AMENDMENT 1**

Data for

**Naval Command, Control and Ocean
Surveillance Center
San Diego, CA**

**Certified Data: BRAC 95 Data Call Number Twelve - NCCOSC SAN DIEGO CA
(Amendment Number 1)**

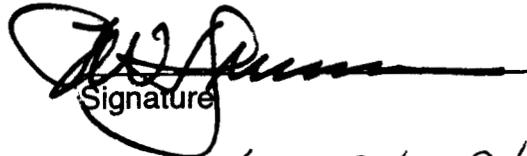
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

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

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

Acting
Title

Activity


Signature

10-24-94
Date

BRAC-95 CERTIFICATION

**Certified Data: BRAC 95 Data Call Number Twelve - NCCOSC SAN DIEGO CA
(Amendment Number 1)**

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

NEXT ECHELON LEVEL (if applicable)

G. A. KLEIN III
NAME (Please type or print)


Signature

Acting Commander
Title

20 October 1994
Date

Naval Command, Control and Ocean
Surveillance Center
Activity

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

The information contained herein is prepared primarily from data submitted in previous data calls. Breakdown of square footage for other than Lab space is based on best estimate available given the timeframe allotted and personnel available.

Total workyears for organizational elements are provided but personnel necessary to breakdown total WYS into type of WYS were not available in the timeframe allotted.

MAJOR CLAIMANT LEVEL

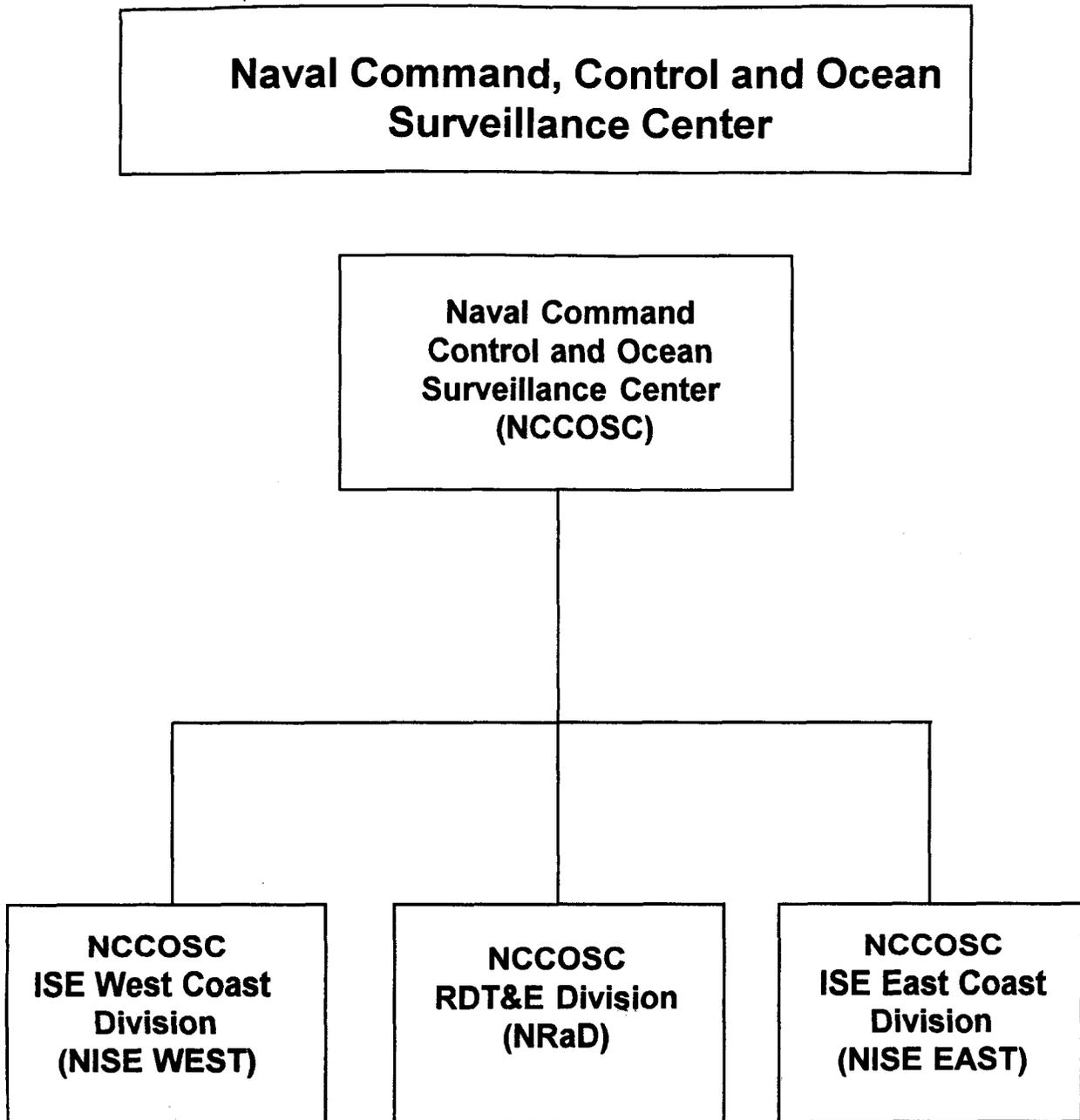
W. H. CANTRELL
NAME (Please type or print)


Signature

Commander
Title

10/20/94
Date

Space and Naval Warfare
Systems Command
Activity



1a. Show organizational Elements. See above.

1b. Describe organizational relationships especially between support organizations and PEO/PMs.

NCCOSC Headquarters provides administrative and operational direction for the Warfare Center's three technical divisions. NCCOSC Headquarters does no C4I acquisition management.

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

**SUBMISSION OF:
NCCOSC SAN DIEGO CA
UIC: N68940***

* - Data provided is for property at St Juliens Creek Engineering Park in Portsmouth, VA.

20 APRIL 1994

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

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ENVIRONMENTAL DATA CALL

GENERAL INSTRUCTIONS

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

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

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

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

Provide a list of the tenant activities with UICs that are covered in this response.

THIS RESPONSE IS FOR NAVAL COMMAND, CONTROL AND OCEAN SURVEILLANCE CENTER (NCCOSC) , UIC N68940

LIST OF TENANT ACTIVITIES

NISE East Detachment Norfolk, UIC N65580
Norfolk Naval Shipyard UIC N00181
Fleet Training Center, Cryogenics School UIC N61797
Fleet Technical Support Center Atlantic UIC N65912
Chesapeake Division, Naval Facilities Engineering Command UIC N62477
Naval Air Engineering Center UIC N68335
Shore Intermediate Maintenance Facility UIC N33341
Defense Reutilization Marketing Office UIC NX2605
Supervisor of Shipbuilding UIC N62678
Integrated Logistics Overhaul UIC N0067A
Ocean Systems, Atlantic UIC N57095
Inactive Ship Facility UIC N35355

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

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

S P E C I E S (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
None				

Source Citation: **Environmental Planning and Analysis Report, St. Julien Creek Annex, dated 14 Jan 93**

1b.

<p>Have your base operations or development plans been constrained due to:</p> <ul style="list-style-type: none"> - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? <p>If so, identify below the impact of the constraints including any restrictions on land use.</p>	NO
<p>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.</p>	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. N/A

1d.

Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.	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?	YES
When was the survey conducted or when will it be conducted?	01/14/93
What percent of the base has been surveyed?	100%
What is the total acreage of jurisdictional wetlands present on your base?	35

Source Citation: Environmental Planning and Analysis Report, St. Juliens Creek Annex, dated 14 Jan 93.

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. Enclosed.

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

3. CULTURAL RESOURCES

3a.

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

There are no sites either on the National Register of Historic Places or eligible for listing at St. Juliens Engineering Park.

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			
N/A					

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. N/A

4c.

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

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

4d.

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

List permit violations and discuss any projects to correct deficiencies. NONE

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.

The main pumping station at St. Juliens Creek Engineering Park has a capacity of 892,800 GPD, and the average daily flow is 155,000 GPD. The base is in compliance with its permit limitations of an average of 250,000 GPD during a calendar month and a maximum of 500,000 GPD for any calendar day a sample is taken. In addition, there is a limitation of 2.23 (mg/l) of total toxic organics during any calendar day a sample is taken. There has not been any recurring discharge violations associated with this permit.

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
N/A					

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

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

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

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

St. Juliens Creek Engineering Park purchases its water from the city of Portsmouth. The city of Portsmouth has a contract with the Park to provide a regular and uninterrupted supply of service. The contract does not set a limit on the amount of water which may be purchased.

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.	YES
If NO, why not and provide explanation of plan to achieve permitted status.	

The permit limits oil and grease to 30 mg/l and ph between 6 - 9 per grab sample.

4l.

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

Explain:

4m.

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

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

There are no environmental facilities at St Julien's Creek Engineering Park. No expansion projects are planned through the Presidents budget or as a result of BRACON.

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? No. Explain. N/A

5. AIR POLLUTION (ALL DATA FOR SECTION 5 WAS PROVIDED BY EFA CHESAPEAKE)

5a.

<p>What is the name of the Air Quality Control Areas (AQCA) in which the base is located? Hampton Roads Air Quality Region 6</p>
<p>Is the installation or any of its OLFs or non-contiguous base properties located in different AQCA's? NO. List site, location and name of AQCA. N/A</p>

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

Site: St Juliens Creed Engineering Park AQCA: Hampton Roads Air Quality Region 6

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year ¹	Comments ²
CO	X				NO
Ozone		Marginal		1996	See Note 3
PM-10	X				NO
SO ₂	X				NO
NO ₂	X				NO
Pb	X				NO

- 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.
- ³ Attainment is not dependent upon government funding.

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

Emission Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Auto-mobiles	Aircraft Emissions	Other Mobile	Total
CO	01.77	3.70	0	N/A	05.47
NOx	19.44	0.45	0	N/A	19.89
VOC	02.59	0.33	0	N/A	02.92
PM10	03.62	0	0	0	03.62

Source Document: EPA AP42 MISSION FACTORS

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

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Auto-mobiles	Aircraft Emissions	Other Mobile	Total
CO	02.02	3.70	0	N/A	05.72
NOx	17.90	0.45	0	N/A	18.35
VOC	02.55	0.33	0	N/A	02.88
PM10	03.14	0	0	0	03.14

Source Document: EPA AP42 MISSION FACTORS

**Summary Of 1993 Emissions
St. Juliens Creek Engineering Park
Portsmouth, VA
Permitted Stationary Sources**

Source	CO (TPY)	NO_x (TPY)	VOC (TPY)	PM10 (TPY)	Comments
Boiler No. 1 Bldg. 283	1.01	8.95	0.18	1.53	Emissions based on the use of #2 & #5 fuel oil.
Boiler No. 2 Bldg. 283	1.01	8.95	0.18	1.53	Emissions based on the use of #2 & #5 fuel oil.
Buildings 47, 63 & 102	0	0	2.19	.08	
TOTAL	2.02	17.90	2.55	3.14	Tons/Year

**Summary of 1990 Emission
St Juliens Creek Engineering Park
Portsmouth, VA
Permitted Stationary Sources**

Source	CO	NO_x	VOC	PM10	Comments
Boiler No. 1 Bldg. 283	0	0	0	0	Was not used in 1990
Boiler No. 2	1.77	19.44	0.40	3.54	
Buildings 47, 63 & 102	0	0	2.19	0.08	
TOTAL	1.77	19.44	2.59	3.62	

**1990 EMISSIONS CALCULATIONS
STATIONARY SOURCES
ST. JULIENS CREEK ENGINEERING PARK**

All calculations are based on fuel consumed and AP-42 emission factors.

Emissions based on amount of fuel burned (lb/milcf or lb/kgal) multiplied by emission factor and divided by 2000 lb/ton

Note:
kgal=thousand gallons
milcf=million cubic feet

Boiler No. 2-Bldg 283

CO Emissions:

A. (No. 5 Fuel Oil) 707 kgal/yr(x) 5 lb/kgal (/) 2000 lb/ton = **1.77 tons/yr**

NOx Emissions:

B. (No. 5 Fuel Oil) 707 kgal/yr (x) 55 lb/kgal (/) 2000 lb/ton = **19.44 tons/yr**

VOC Emissions:

C. (No. 5 Fuel Oil) 707 kgal/yr (x) 1.13 lb/kgal (/) 2000 lb/ton = **0.40 tons/yr**

PM10 Emissions:

D. (No. 5 Fuel Oil) 707 kgal/yr (x) 10 lb/kgal (/) 2000 lb/ton = **3.54 tons/yr**

**1990 EMISSIONS CALCULATIONS
STATIONARY SOURCES (cont.)**

Buildings 47, 201 and 63

VOC Emission Rates for Buildings 47 and 201 = 2839.32 lbs/yr

2839.32 lbs/yr divided by 2,000 lbs/yr = 1.42 tons/yr

VOC Emission Rates for Building 63 = 1531.96 lbs/yr

1531.96 lbs/yr divided by 2,000 lbs/ton = .77 tons/yr

Total VOC emissions = 2.19 tons/yr

PM10* = (15.35 tons/yr Input) - (15.35 tons/yr X .995 Filter Effect) = .08 tons/yr

* - Total for buildings 47, 201 and 63

**1990 EMISSIONS CALCULATIONS
PERSONAL AUTOMOBILES**

CO = 2000 VPD X 1 mile X 230 da/yr X 7.31 G/mi X 1 lb/454g X 1tn/2000 lbs = 3.70

NO_x = 2000 VPD X 1 mile X 230 da/yr X .895 g/mi X 1 lb/454g X tn/2000 lbs = .45

VOC = 2000 VPD X 1 mile X 230 da/yr X .653 g/mi X 1 lb/454g X tn/2000 lbs = .33

**1993 EMISSIONS CALCULATIONS
STATIONARY SOURCES
ST. JULIENS CREEK ENGINEERING PARK**

All calculations are based on fuel consumed and AP-42 emission factors.

Emissions based on amount of fuel burned (lb/milcf or lb/kgal) multiplied by emission factor and divided by 2000 lb/ton

Note:

kgal=thousand gallons
milcf=million cubic feet

Boiler No. 1 - Bldg. 283

CO Emissions:

- A. (No. 2 Fuel Oil) 125.5 kgal/yr (x) 5 lb/kgal (/) 2000 lb/ton = 0.31 tons/yr
(No. 5 Fuel Oil) 279.5 kgal/yr (x) 5 lb/kgal (/) 2000 lb/ton = 0.70 tons/yr
TOTAL = 0.31 + 0.70 = **1.01 TONS/YEAR**

NOx Emissions:

- B. (No. 2 Fuel Oil) 125.5 mgal/yr (x) 20 lb/mgal (/) 2000 lb/ton = 1.26 tons/yr
(No. 5 Fuel Oil) 279.5 mgal/yr (x) 55 lb/mgal (/) 2000 lb/ton = 7.69 tons/yr
TOTAL = 1.26 + 7.69 = **8.95 TONS/YEAR**

VOC Emissions:

- C. (No. 2 Fuel Oil) 125.5 kgal/yr (x) 0.34 lb/kgal (/) 2000 lb/ton = 0.02 tons/yr
(No. 5 Fuel Oil) 279.5 kgal/yr (x) 1.13 lb/kgal (/) 2000 lb/ton = 0.16 tons/yr
TOTAL = 0.02 + 0.16 = **0.18 TONS/YEAR**

PM10 Emissions:

- D. (No. 2 Fuel Oil) 125.5 mgal/yr (x) 2 lb/mgal (/) 2000 lb/ton = 0.13 tons/yr
(No. 5 Fuel Oil) 279.5 mgal/yr (x) 10 lb/mgal (/) 2000 lb/ton = 1.40 tons/yr
TOTAL = 0.13 + 1.40 = **1.53 TONS/YEAR**

Boiler No. 2 - Bldg. 283

CO Emissions:

- A. (No. 2 Fuel Oil) 125.5 kgal/yr (x) 5 lb/kgal (/) 2000 lb/ton = 0.31 tons/yr
(No. 5 Fuel Oil) 279.5 kgal/yr (x) 5 lb/kgal (/) 2000 lb/ton = 0.70 tons/yr
TOTAL = 0.31 + 0.70 = **1.01 TONS/YEAR**

NOx Emissions:

- B. (No. 2 Fuel Oil) 125.5 mgal/yr (x) 20 lb/mgal (/) 2000 lb/ton = 1.26 tons/yr
(No. 5 Fuel Oil) 279.5 mgal/yr (x) 55 lb/mgal (/) 2000 lb/ton = 7.69 tons/yr
TOTAL = 1.26 + 7.69 = **8.95 TONS/YEAR**

VOC Emissions:

- C. (No. 2 Fuel Oil) 125.5 kgal/yr (x) 0.34 lb/kgal (/) 2000 lb/ton = 0.02 tons/yr
(No. 5 Fuel Oil) 279.5 kgal/yr (x) 1.13 lb/kgal (/) 2000 lb/ton = 0.16 tons/yr
TOTAL = 0.02 + 0.16 = **0.18 TONS/YEAR**

PM10 Emissions:

- D. (No. 2 Fuel Oil) 125.5 mgal/yr (x) 2 lb/mgal (/) 2000 lb/ton = 0.13 tons/yr
(No. 5 Fuel Oil) 279.5 mgal (x) 10 lb/mgal (/) 2000 lb/ton = 1.40 tons/yr
TOTAL = 0.13 + 1.40 = **1.53 TONS/YEAR**

**1993 VOC EMISSION CALCULATIONS
FOR
BUILDINGS 47, 63 AND 201**

VOC Emission Rates for Buildings 47 and 201 = **2839.32 lbs/yr**

2839.32 lbs/yr divided by 2,000 lbs/yr = 1.42 tons/yr

VOC Emission Rates for Building 63 = **1531.96 lbs/yr**

1531.96 lbs/yr divided by 2,000 lbs/tons = .77

Total VOC emissions = 2.19 tons/yr

PM10* = (15.35 tons/yr Input) - (15.35 tons/yr X .995 Filter Effect) = .08 tons/yr

*** - Total for buildings 47, 201 and 63**

**1993 EMISSIONS CALCULATIONS
PERSONAL AUTOMOBILES**

CO=2000VPD X 1 mile X 230 da/yr X 7.30 g/mi X 1 lb/454g X tn/2000 lbs= 3.70

NO_x=2000VPD X 1 mile X 230 da/yr X .888 g/mi X 1 lb/454g X tn/2000 lbs= .45

VOC=2000 VPD X 1 mile X 230 da/yr X .650g/mi X 1 lb/454g X tn/2000 lbs= .33

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.

Air emissions will not be effected by BRAC or the President's budgets.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base? No.

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

No.

5h. Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? No If yes, provide details of the sources affected and conditions of the ERCs and offsets. N/A 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 totals for those two FY's.

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY 00-01
Air	Yes	62	0	0	0	0	0
Hazardous Waste	N/A	0	0	0	0	0	0
Safe Drinking Water Act	N/A	0	0	0	0	0	0
PCBs	N/A	0	0	0	0	0	0
Other (non-PCB) Toxic Substance Control Act	N/A	0	0	0	0	0	0
Lead Based Paint	N/A	0	0	0	0	0	0
Radon	N/A	0	0	0	0	0	0
Clean Water Act	N/A	0	0	0	0	0	0
Solid Waste	NO	0	0	0	0	0	0
Oil Pollution Act	Yes	0	0	0	0	0	0
USTs	Yes	0	0	0	0	0	0
Other	N/A	0	0	0	0	0	0
Total		62	0	0	0	0	0

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

Title Cost Start/Completion Date

Air Emissions Inventory \$62K Mar 94 / Mar 95

6b. Does your base have structures containing asbestos? **Yes.** What % of your base has been surveyed for asbestos? **5%** Are additional surveys planned? **Yes.** What is the estimated cost to remediate asbestos (\$K) . **1,000.** Are asbestos survey costs based on encapsulation, removal or a combination of both? **The cost is based upon long-range planning estimates by PWC Norfolk for asbestos removal.**

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

Funding Source	FY92 (Note)	FY93 (Note)	FY94	FY95	FY96	FY97	FY98-99	FY 00-01
O&MN			0	0	0	0	0	0
HA			0	0	0	0	0	0
PA			0	0	0	0	0	0
Other O&MN (specify)			0	0	0	0	0	0
Other (DBOF)			0	25	25	25	50	50
TOTAL			0	25	25	25	50	50

Note: Data not available for FY-92 and FY-93.

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.

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² / Comments
NONE						

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? No. List. N/A

7d.

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

State scope and expected length of pump and treat operation. **N/A**

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES
--	-----

7f. Does your base operate any conforming storage facilities for handling hazardous materials? No. If YES, describe facility, capacity, restrictions, and permit conditions. N/A

7g. Does your base operate any conforming storage facilities for handling hazardous waste? No. If YES, describe facility, capacity, restrictions, and permit conditions. N/A

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? No. If so, describe facility/location and cleanup required/status. N/A

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	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 not included in question 7b. above. Include capacity, restrictions and permit conditions. N/A

8. LAND / AIR / WATER USE

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

Parcel Descriptor	Acres	Location
Main Base	500	St. Juliens Creek Engineering Park

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.)		41
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)	Wetlands:	35
	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		93
Total Undeveloped land considered to be without development constraints		331
Total Off-base lands held for easements/lease for specific purposes		0
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	0
	HERF	0
	HERP	0
	HERO	0
	AICUZ	0
	Airfield Safety Criteria	0
	Other (EMI Range Compatibility)	93

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. N/A

8d. What is the date of your last AICUZ update? Are any waivers of airfield safety criteria in effect on your base? Summarize the conditions of the waivers below. There is no airfield on or adjacent to St. Juliens Creek Engineering Park.

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.
There is no airfield on or adjacent to St. Juliens Creek Engineering Park.

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

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement. **There is no maintenance dredging performed at St. Juliens Creek Engineering Park.**

Navi- gational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)

8g. Summarize planned projects through FY 1997 requiring new channel or berthing area dredged depths, include location, volume and depth. N/A
There are no dredging projects planned for St. Juliens Creek Engineering Park.

8h.

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

8.i. List any requirements or constraints resulting from consistency with State Coastal Zone Management Plans. **None.**

8j. Describe any non-point source pollution problems affecting water quality; e.g., coastal erosion. **None.**

8k.

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	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. **There are no protected/preserved areas at St. Juliens Creek Engineering Park.**

9. WRAPUP

a. Are there existing or potential environmental showstoppers that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions? None known.

9b. Are there any other environmental permits required for base operations, include any relating to industrial operations. No.

9c. Describe any other environmental or encroachment restrictions on base property not covered in the previous 8 sections. There are 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. There are none at this time.

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Thirty-Three - NCCOSC SAN DIEGO CA

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

10 June 1994
Date

Space and Naval Warfare
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)

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

[Signature]
Signature

ACTING
Title

6/24/94
Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Thirty-Three - NCCOSC SAN DIEGO CA

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. J. DONEGAN
NAME (Please type or print)


Signature

Commander
Title

9 June 1994
Date

Naval Command, Control, and Ocean
Surveillance Center
Activity

**CAPACITY ANALYSIS:
DATA CALL #4 WORK SHEET FOR
TECHNICAL CENTER or LABORATORY: NCCOSC SAN DIEGO CA (N68940)**

Table of Contents

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

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

7 April 1994

1. Historical and Projected Workload. NCCOSC SAN DIEGO CA provides management and oversight for RDT&E and ISE field activities. Its operating capital and workload is not provided through direct cite funds or through a dedicated customer base. Therefore, there is no NCCOSC SAN DIEGO CA data to be provided for Section 1 of this data call response.

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 NCCOSC SAN DIEGO CA (N68940)

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					NONE

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: **NONE**

UIC N68940

Table 2.3 Class 2 Space Utilized/Leased by NCCOSC SAN DIEGO CA (N68940)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600	15.8			15.8
Housing & Community	700				
Utilities & Grounds	800				
Other					
Totals		15.8			15.8

Note:

1. Plant Account Holder: FLEET COMBAT TRAINING CENTER PACIFIC (UIC N61665)

UIC N68940

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 NCCOSC SAN DIEGO CA (N68940)
Occupied by Subordinate Activities and Tenants**

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100	23			23
Maintenance & Production	200	514			514
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	167			167
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400	300			300
Hospital & other Medical	500				
Administrative Facilities	600	34			34
Housing & Community	700				
Utilities & Grounds	800				
Other					
Totals		1,038			1,038

Note: NISEEAST DET NORFOLK VA (UIC N65580) is a subordinate activity tenant at the St. Juliens Creek Engineering Park in Portsmouth, VA.

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: **NONE**

**Table 2.5 Class 2 Space at Detachment Sites of NCCOSC SAN DIEGO CA (N68940)
Assigned to Tenants**

TENANT		NAVFAC (P-80) Category Code	GF/BA (KSF) Assigned
Name	UIC		
Integrated Logistics Overhaul	N0067A	400	251
Ocean Systems, Atlantic	N57095	400	5
Inactive Ship Facility	N35355	600	5
Defense Reutilization Office	NX2605	400	19
Supervisor of Shipbuilding	N62678	200	47
Naval Air Engineering Center	N68335	600	3
Shore Intermediate Maintenance Facility	N33341	200	174
Fleet Training Center	N61797	100	16
Naval Sea Center, Atlantic	N65912	200	84
Chesapeake Division, Naval Facilities Command	N62477	200	29
Norfolk Naval Shipyard	N00181	400	25
		Total:	658

**Table 2.6 Class 2 Space Utilized/Leased by Detachments of
NCCOSC SAN DIEGO CA (N68940)**

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
Totals					NONE

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

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

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

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

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

4. Class 1 Space Available for Expansion.

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

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

NO

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

NISEEAST DET NORFOLK VA at St. Juliens Engineering Park operates within the FCC regulations and has no adjacent/colocated facilities or operations (commercial or military) that limit its operations within FCC regulations.

UIC N68940

Table 4.1 Class 1 Resources of NCCOSC SAN DIEGO CA (N68940)
Site Location: St. Juliens Creek Engineering Park, Portsmouth, VA

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	17	10	0	7
Operational	94	1	93 (Note 1)	0
Training	0	0	0	0
R & D	34	5	0	29
Supply & Storage	22	19	0	3
Admin	1	1	0	0
Housing	4	4	0	0
Recreational	1	1	0	0
Navy Forestry Program	327	0	285 (Note 2)	42
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other	0	0	0	0
Total:	500	41	378	81

Notes:

1. The Norfolk Naval Shipyard's antenna test range restricts 93 acres for operational use.
2. St. Juliens Creek Engineering Park is constrained from developing 285 acres of which 35 acres is wetlands and 250 acres is covered by Chesapeake Bay Preservation Act. The Navy has no mandate to comply with this act however, the Navy's voluntary inclusion of this legislation into our planning will result in compliance restrictions on 85 acres within the resource protection area and 165 acres within the resource management area.

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? 81 Acres. Explain.

Up until 1975 St. Juliens Creek Engineering Park handled, produced and stored ammunition. As part of the storage operations, facilities were constructed in remote parts of the Engineering Park for explosive safety reasons. The structures were also provided paved roads for access, which makes up much of the road network today. In addition the Engineering Park has a utility easement that bisects the Engineering Park making most structures in close proximity to utilities.

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)	14,000	n/a	1,650	2,750
Natural Gas (CFH)	n/a	n/a	n/a	n/a
Sewage (GPD)	n/a	570,000	155,800	unknown
Potable Water (GPD)	n/a	1,200,000	307,525	unknown
Steam (PSI & lbm/Hr)	125psi/102,000	n/a	80psi/64,000	unknown
Long Term Parking	3,000	n/a	3,000	5,000
Short Term Parking	n/a	n/a	n/a	n/a

This Data applies to property at St. Juliens Creek Engineering Park, and owned by NCCOSC SAN DIEGO CA but occupied and operated by NISEEAST DET NORFOLK VA.

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 NCCOSC SAN DIEGO CA (N68940)

Fiscal Year	MRP (\$M)	CPV (\$M)	ACE (\$M)
1985	.2	6.0	11.5
1986	.2	6.5	12.0
1987	.3	7.0	12.5
1988	.3	7.5	13.0
1989	.4	8.0	14.0
1990	.7	8.5	15.0
1991	.9	9.0	16.5
1992	1.6	9.5	17.0
1993	1.1	10.0	19.0
1994	2.0	10.5	17
1995	2.2	11	17
1996	2.4	11.5	17
1997	2.6	12	17

Note: Table 5.2 reflects data for St. Juliens Creek Engineering Park in Portsmouth, VA.

c. Training Facilities:

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

Type of Training Facility/CCN	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
NONE								

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)
NONE			

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

For ATC example:

8 Classes/year x 15 days/class = 120 days/year

120 days/year x 8 hours/day x 24 students = 23040 student hours/year

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.

NONE

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

NONE

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.

NONE

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.

NONE

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Four - NCCOSC SAN DIEGO CA

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL

NAME (Please type or print)

W.H. Cantrell

Signature

Commander

Title

16 May 1994

Date

Space and Naval Warfare
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)

J. B. Greene Jr

Signature

Acting

Title

20 MAY 1994

Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Four - NCCOSC SAN DIEGO CA

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

NEXT ECHELON LEVEL

J. J. DONEGAN
NAME (Please type or print)



SIGNATURE

Commander
Title

16 May 1994
Date

**Naval Command, Control and Ocean
Surveillance Center**
Activity

MILITARY VALUE DATA CALL #5

Category	Technical Center
Technical Center Site	Naval Command, Control and Ocean Surveillance Center Headquarters
Location/Address	53660 Oceanview Dr. San Diego CA 92147-5088

<u>Mission</u>	<u>Page</u>
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2. Joint Service Missions	1
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3. Technical Functions Resource Allocations	1
<u>Manpower</u>	
4. Work Breakdown Structure	2
5. Technical Staff Qualifications	6
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<u>Location</u>	
8. Geographic Location	8
<u>Features and Capabilities</u>	
9. Computational Facilities	8
10. Mobilization Responsibility and Capability	9
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<u>Quality of Life. Questions 12-23</u>	10

MILITARY VALUE MEASURES

MISSION

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

The mission as stated in OPNAV Notice 5450 for NCCOSC SAN DIEGO CA is as follows:

To be the Navy's full spectrum research, development, test and evaluation, engineering and fleet support center for command, control and communications systems and ocean surveillance and the integration of those systems which overarch multiplatforms.

2. **Joint Service Missions.** State any officially assigned joint/lead service assignments missions and cite the document(s) that assigned them. NONE

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.

NONE

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.

UIC N68940

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 NAWC 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.

Not applicable to HQ.

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.

Not applicable to HQ.

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.

Not applicable to HQ.

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.

Not applicable to HQ.

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.

Not applicable to HQ.

UIC N68940

**Table 4.1, General Support Resources for
(Activity: NCCOSC HQ) (UIC:N68940)**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	1.5	5.0	3.0	0	2.0	0
Comptroller						
Admin	13.3	25.0	19.0	0	6.0	0
Human Resources	1.0	1.0	1.0	0		
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Suppo						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Eng						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations			0	0	0	0
Total	15.8	31	23	0	6.0	0

**Table 4.2, General Support Resources for all Detachments
(Activity: NCCQSC HQ) (UIC: N68940)**

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/ XO/ TD/etc.)						
Comptroller						
Admin						
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations						
Totals	None	None	None	None	None	None

UIC N68940

Table 4.3, Previous BRAC Impact to General Support Resources for
(Activity: NCCOSC HQ) (UIC: N68940)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)						
Comptroller						
Admin						
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations						
Totals	None	None	None	None	None	None

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.

Not applicable to HQ.

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.

Not applicable for HQ.

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? NONE

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.
- (2) The functional support area(s) that the new facility will support. Refer to Appendix A.
- (3) Identify installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call.
- (4) The additional square footage that this project will provide to the functional support area(s).
- (5) The current working estimate (CWE) & planned beneficial occupancy date (BOD) of the project.

c. What MILCON projects are currently programmed to be executed/completed after **FY1995? NONE**

For each project provide:

- (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).

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.

Naval Air Station, North Island is located less than 1 mile across San Diego Bay from NCCOSC HQ, however, surface street distance around the Bay is approximately 15 miles. There are two small craft piers located less than 1 mile away at NCCOSC RDT&E Division, and the Submarine Base San Diego piers are approximately 2 miles away, however, the nearest combatant piers are located at Naval Station San Diego, approximately 12 miles southeast of NCCOSC HQ.

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.

UIC N68940

LOCATION

8. Geographic Location.

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

Yes, the Naval Command, Control and Ocean Surveillance Center (NCCOSC) Headquarters staff occupies facilities at Point Loma in San Diego, California and at Space and Naval Warfare Command Headquarters in Washington, D.C.. The Point Loma facility is immediately adjacent to the NCCOSC RDT&E Division (NRaD) and a short distance from the NCCOSC In-Service Engineering West Coast Division (NISE/W). The Washington D.C. facility is centrally located relative to the four major sites of the NCCOSC In-Service East Coast Division (NISE/E) at Charleston, S.C., Portsmouth, VA, St. Ingoes, MD, and Washington, D.C. Maintaining headquarters facilities in close proximity to Warfare Center Division sites has provided considerable efficiencies in communication and interface with Division personnel. In addition, the adjacent NRaD facility houses the major assets comprising the NCCOSC Command Internet, an extensive computer network connecting all NCCOSC sites.

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

As noted above, the headquarters facilities are in close proximity to the Center's technical divisions, thereby minimizing communication and interface difficulties. The present Point Loma location is also immediately adjacent to San Diego Bay and nearby fleet activities, including Naval Station San Diego, Naval Submarine Base San Diego, Naval Base Imperial Beach, Naval Air Station North Island, Naval Telecommunications Station San Diego (transmitter and receiver sites), and Naval Air Station Miramar, as well as, Marine Corp Base Camp Pendleton, and Coast Guard Station San Diego.

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.

Neither of the two NCCOSC Headquarters facilities houses special computational capabilities, however, the NCCOSC Command Internet, located at the NCCOSC RDT&E Division site immediately adjacent to the Point Loma headquarters facility, is administered by the headquarters staff

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-- a description of the internet follows:

NCCOSC has implemented and maintains an Enterprise wide Internet covering 6 time zones. This network has been named the NCCOSC Command Internet (NCInet) and provides full network connectivity for a dozen NCCOSC locations. The NCInet is a T-1 (1.5 Mbit) based packet network. Each NCCOSC campus uses this network to interoperate with every other campus and the global Internet. Each campus has a variety of media to meet local bandwidth and distribution requirements. These primarily include ethernet, FDDI, ATM, and other technologies. Individual workstations typically participate in a workgroup network which attaches via the local distribution. This network provides 1 Mbps packet rates to any location with a round trip delay of less than 100 milliseconds. NCCOSC provides many services in support of its infrastructure. These include routing service, time synchronization service, name services, directory and registration services, email services, remote access, file transfer at various levels, and many others. Other higher level services that are provided are public file repositories and information services such a gopher, Web, and WAIS. These services are centrally managed and maintained which yields a very good cost/benefit ratio and benefits the entire enterprise. To provide connectivity to other organizations, NCCOSC has established links to other networks. We maintain a T-3 (45 Mbps) link to the San Diego Supercomputer Center for access to the High Performance Computing assets there. This link also provides NCCOSC with connectivity to the NSFnet, also a T-3 network. NCCOSC is also a major node on the DREN network at T-3 speeds and will soon be participating in wide area ATM connectivity at T-3 and SONET speeds. NCCOSC has a DSInet node as well. Because of the exceptional connectivity within NCCOSC, many other DoD organizations have been coming to NCCOSC for networking service. As a result, NCCOSC has high speed links to all the other Navy Warfare centers plus high speed connectivity to much of the rest of the DoD R&D community.

10. Mobilization Responsibility and Capability.

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

Not applicable to HQ.

(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.

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

Not applicable to HQ.

(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.

Not applicable to HQ.

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:

Not applicable to HQ.

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.

12 - 23. Quality of Life

The NCCOSC headquarters in San Diego is a tenant command onboard the Fleet Combat Training Center, Pacific (FCTC). Since NCCOSC headquarters has minimal MWR assets, please refer to the Military Value Data Call for FCTC for relevant quality of life data.

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BRAC-95 CERTIFICATION

**Certified Data: Naval Command, Control and Ocean Surveillance Center
San Diego, CA - BRAC 95 Data Call Number Five**

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

NEXT ECHELON LEVEL

J. J. DONEGAN
NAME (Please type or print)



SIGNATURE

Commander
Title

17 May 1994
Date

**Naval Command, Control and Ocean
Surveillance Center**
Activity

Certified Data: Naval Command, Control and Ocean Surveillance Center - BRAC 95 Data Call Number One

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

MAJOR CLAIMANT LEVEL

W. H. Cantrell

NAME (Please type or print)

Commander

Title

Space and Naval Warfare Systems

Command

Activity

W.H. Cantrell

Signature

2/14/94

Date

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

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

J. B. GREENE, JR

NAME (Please type or print)

ACTING

Title

J. B. Greene Jr

Signature

16 FEB 94

Date