DCN 471

128

DATA CALL 66 **ACTIVITY: M62204**
INSTALLATION RESOURCES

Activity Information:

Activity Name:	**MARINE CORPS LOGISTICS BASE BARSTOW, CALIFORNIA**
UIC:	**M62204**
Host Activity Name (if response is for a tenant activity):	
Host Activity UIC:	

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

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

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead). This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

1. BASE OPERATING SUPPORT (BOS) COST DATA, continued

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead) (O&M,MC)			
Activity Name: MCLB, Barstow, CA		UIC: M62204	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	1,241	4,083	5,324
1b. Minor Construction	0	42	42
1c. Sub-total 1a. and 1b.	1,241	4,125	5,366
2. Other Base Operating Support Costs:			
2a. Utilities	1,802	1,040	2,842
2b. Transportation	11	259	270
2c. Environmental	1,768	967	2,735
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	53	836	889
2f. Bachelor Quarters	5	0	5
2g. Child Care Centers	63	447	510
2h. Family Service Centers	42	83	125
2i. Administration	227	6,201	6,428
2j. Other (Specify) **	1,059	17,578	18,637
2k. Sub-total 2a. through 2j:	5,030	27,411	32,441
3. Grand Total (sum of 1c. and 2k.):	6,271	31,536	37,807

** Other includes the following:

Comptroller
Automated Data Processing
Public Works
Garrison Mobile Equipment
Maintenance other than MRP
Fire Protection
Federal Employee Comp Act
Communication
Audiovisual
Base Property
Contracting and Purchasing
Direct Support Stock Control

1. BASE OPERATING SUPPORT (BOS) COST DATA, continued

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:

Appropriation	Amount ($000)
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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DATA CALL 66 ACTIVITY: M62204
INSTALLATION RESOURCES

1. BASE OPERATING SUPPORT (BOS) COST DATA, continued

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: Repair Division, MCLB Barstow		UIC:	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)*	1,400		1,400
1b. Real Property Maintenance (<$15K)*	1,440	74	1,514
1c. Minor Construction (Expensed)**	76	76	152
1d. Minor Construction (Capital Budget)	803		803
1c. Sub-total 1a. through 1d.	3,719	150	3,869
2. Other Base Operating Support Costs:			
2a. Command Office	52	425	477
2b. ADP Support	92	357	449
2c. Equipment Maintenance	633	227	860
2d. Civilian Personnel Services	0	644	644
2e. Accounting/Finance	0	154	154
2f. Utilities	1,662	383	2,045
2g. Environmental Compliance	202	227	429
2h. Police and Fire	9	226	235
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)	2,316	11,107	13,423
2m. Sub-total 2a. through 2l:	4,966	13,750	18,716
3. Depreciation	1,834		1,834
4. Grand Total (sum of 1c., 2m., and 3.) :	10,519	13,900	24,419

1. BASE OPERATING SUPPORT (BOS) COST DATA, continued

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: Marine Corps, Mult-Commodity, Maintenance Center, Barstow CA (MC3)		UIC: M62204	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	* Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K) **	0	0	1,400
1b. Real Property Maintenance (<$15K) **	0	0	1,514
1c. Minor Construction (Expensed)	0	0	152
1d. Minor Construction (Capital Budget)	0	0	803
1c. Sub-total 1a. through 1d.	0	0	3,869
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	477
2b. ADP Support	0	0	449
2c. Equipment Maintenance	0	0	860
2d. Civilian Personnel Services	0	0	644
2e. Accounting/Finance	0	0	154
2f. Utilities	0	0	2,045
2g. Environmental Compliance	0	0	429
2h. Police and Fire	0	0	235
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify) ***	0	0	13,423
2m. Sub-total 2a. through 2l:	0	0	18,716
3. Depreciation	0	0	1,834
4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	24,419

1. BASE OPERATING SUPPORT (BOS) COST DATA, continued

Category	Non-Labor	Labor	Total
21. Other (Specify) Cont'd			
Awards		514	514
CSR Liability-Head tax		72	72
Civilian Labor		7,597	7,597
Communications	26	14	40
Service Contracts	265		265
Audio Visual	6	22	28
Contract & Purchase/Plant Acct/Office Mach	66	175	241
FECA		1,570	1,570
Calib Support		96	96
Indirect Material	1,241		1,241
Military		560	560
Plant Property		9	9
Public Works		101	101
Driver Training	1	117	118
Other Property Maintenance	388	260	648
Travel	323		323
TOTAL OTHERS	2,316	11,107	13,423

* Budget estimates were based on budget guidance received which increased the threshold for Real Property Maintenance to $25K or more.

** Minor Construction on budget exhibit FD-4 was erroneously submitted at $803K. It should have been $152K, the difference of $651K should have been in other. Other costs on budget exhibit FD-4 for 9% surtax in the amount of $300K was erroneously submitted as an operational cost and therefore deleted.

1. BASE OPERATING SUPPORT (BOS) COST DATA, continued

* Estimated Costs are not identified as labor or non-labor when billed. As a result, funding is not split between labor or non-labor.

** Budget estimates were based on budget guidance received which increased the threshold for Real Property Maintenance to $25K or more.

*** Other includes the following:

Awards	514
Audio Visual	28
C&P/Plant Acct/Office Mach	241
Calib Support	96
Communications	40
Contracts	265
CSR Liability-Head Tax	72
Driver Training & License	118
FECA	1,570
Labor/Civilian	7,597
Labor/Military	560
Material	1,241
Other Prop Maint	648
Plant Property	9
Public Works	101
TAD	323
Total	13,423

Note: Minor Construction on budget exhibit FD-4 was erroneously submitted at $803K. It should have been $152K, the difference of $651K should have been in other. Other costs on budget exhibit FD-4 for 9% surtax in the amout of $300K were erroneously submitted as an operational cost and therefore deleted.

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 (O&M,MC)	
Activity Name: MCLB, Barstow, CA	UIC: M62204
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	222
Material and Supplies (including equipment):	1,616
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.):	4,433
Total:	6,271

2. SERVICES/SUPPLIES COST DATA, continued

Table 2 - Services/Supplies Cost Data (DBOF)	
Activity Name: MC3, MCLB, Barstow, CA	UIC: M62204
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	661
Material and Supplies (including equipment):	27,824
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.):	12,852
Total:	41,337

3. CONTRACTOR WORKYEARS

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

Table 3 - Contract Workyears (O&M,MC)

Activity Name: MCLB, Barstow, CA	UIC: M62204
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction: Maintenance and Repair projects *	105.00
Facilities Support: Multi-Trade, Indefinite quantity, Maintenance and Environmental services **	13.20
Mission Support:	0
Procurement:	6.83
Other: Morale, Welfare and Recreation	0
Total Workyears:	125.030

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

* Construction workyears were compiled from information from the Design Managers as projected from their estimated project construction schedules.

** Facilities Support workyears compiled from information from Multi-Trade. Indefinite Quantity, BPA, and Environmental and Maintenance Service contracts.

3. CONTRACTOR WORKYEARS, continued

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)):

2.60 - All facilities and services contracts except environmental
6.42 - Procurement

9.02 - Total

2) Estimated number of workyears which would be eliminated:

105.000 - All construction contracts
.405 - Procurement
105.405 - Total

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):

10.6 - Environmental contracts

3. CONTRACTOR WORKYEARS, continued

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):

* There are no "off-base" construction or facilities support contract projects workyears anticipated or projected for FY96.

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

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
2.01	Maintenance services for office equipment, Federal Information Processing (FIP), resources support services, laundry services, and air sampling services.

BRAC-95 CERTIFICATION

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

DATA CALL: 66

ACTIVITY: MCLB BARSTOW

PAGE (S): ALL

BSWG REVIEW OFFICIAL

W.J. WALLENHORST
Budget Branch
Fiscal Division

NAME (Please type or print)

Signature

Title

21 OCT 1994

Date

DATA CALL 66

MCLB BARSTOW

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

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

NAME J. A. BRABHAM (Please type or print) _____ Signature _____

J. A. BRABHAM
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

Title _____ Date 21 OCT 94

BRAC-95 CERTIFICATION

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

C F PATTEN III
NAME (Please type or print)

Signature

DIRECTOR
Title

27 OCT 1994
Date

MULTI-COMMODITY MAINTENANCE CENTER
Division

MARINE CORPS
Department

MCLB, ALBANY, GEORGIA
Activity

Enclosure (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)

MAJGEN J. D. STEWART
NAME (Please type or print)

COMMANDER
Title

MARCORLOGBASES, ALBANY, GA
Activity

J D Stewart
Signature

28 Oct 94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Title

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

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

J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS
NAME (Please type or print)

Title

Signature

1/1/94
Date

BARSTOW, CA.

JCSG-DM
128 DC#14

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

Table of Contents

DATA CALL SUPPLEMENT FOR
JOINT CROSS SERVICE GROUP-DEPOT MAINTENANCE

This supplement is designed to facilitate the cross service analysis required of the 1995 Base Realignment and Closure (BRAC-95) process. It requests data in a standardized format that will be used by the Joint Cross Service Group-Depot Maintenance (JCSG-DM) to develop closure and realignment alternatives to be given to the Military Departments for their analysis and final recommendations. The JCSG-DM Data Call consists of two sections, one for capacity measurements and a second measuring "measures of merit". This Data Call has been formatted to assist the preparer in providing the required information with the minimum amount of effort. If questions arise, contact your Military Department BRAC-95 office for clarification.

Notes in the context of this data call:

1. Base your responses on workload as programmed for your activity. Unless otherwise specified, use workload mixes as programmed in the FYDP.

2. Direct Labor Hours (DLH) is the common unit of measure unless specifically noted otherwise in the question.

3. Information requested in this supplement may duplicate data requested by BRAC 95 data calls from the individual Military Departments. If this occurs, read both questions carefully to ensure that they are in fact asking for identical information, and if that is the case, transfer information from one data call to the other.

4. These questions should be passed up and down the chain of command without editing or rewriting. This standardized data call is designed to support an auditable process by having each activity (regardless of Military Department assigned) respond to the same question.

5. "Core" capability calculations are to be performed in accordance with Office of the Under Secretary of Defense (Logistics) Memorandum dated November 15, 1991 (Subject: Policy for Maintaining Core Depot Maintenance Capability).

6. Capacity and utilization index calculations will be performed in accordance with the Defense Depot Maintenance Council approved update to DoD 4151.15H (Depot Maintenance Capacity/Utilization Index Measurement) dated December 5, 1990.

7. All calculations will assume a one shift, 40 hour work week.

8. Workload, capabilities, and capacities will be measured by commodity groups. A detailed breakout of the JCSG-DM commodity groups is contained in the following box. Insert the commodity groups applicable to your depot maintenance activity into the

tables whenever a specific break out is requested by the question. Individual Military Departments in their Service specific data calls, may measure data in different commodity groups or categories, but for the Joint Cross Service analysis, these commodity groups must be utilized.

9. Data will be amounts as of the end of the applicable fiscal year.

Commodity Groups List

1. Aircraft Airframes:
   a. Rotary
   b. VSTOL
   c. Fixed Wing
      (1) Transport / Tanker / Bomber /
      (2) Command and Control
      (3) Light Combat
      (4) Admin / Training
   d. Other

2. Aircraft Components
   Dynamic Components
   Aircraft Structures
   Hydraulic/Pneumatic
   Instruments
   Landing Gear
   Aviation Ordnance
   Avionics/Electronics
   APUs
   Other

3. Engines (Gas Turbine)
   Aircraft
   Ship
   Tank
   Blades / Vanes (Type 2)

4. Missiles and Missile Components
   Strategic
   Tactical / MLRS

5. Amphibians
   Vehicles
   Components (less GTE)

6. Ground Combat Vehicles
   Self-propelled
   Tanks
   Towed Combat Vehicles
   Components (less GTE)

7. Ground and Shipboard Communications and Electronic Equipment
   Radar
   Radio Communications
   Wire Communications
   Electronic Warfare
   Navigational Aids
   Electro-Optics / Night Vision
   Satellite Control / Space Sensors

8. Automotive / Construction Equipment

9. Tactical Vehicles
   Tactical Automotive Vehicles
   Components

10. Ground General Purpose Items
    Ground Support Equipment (except aircraft)
    Small Arms / Personal Weapons
    Munitions / Ordnance
    Ground Generators
    Other

11. Sea Systems
    Ships
    Weapons Systems

12. Software
    Tactical Systems
    Support Equipment

13. Special Interest Items
    Bearings Refurbishment
    Calibration (Type I)
    TMDE

14. Other

Table of Acronyms

$/DLH	Cost per Direct Labor Hour
$K	Thousands of Dollars
ADMIN	Administrative; administration
AICUZ	Air Installations Compatible Use Zone
AOC$	Annual Operating Cost (dollars)
CCN	Category Code Number
DBOF	Defense Business Operating Fund
DLH	Direct Labor Hour
DoD	Department of Defense
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FY	Fiscal Year
FYDP	Future Year Defense Plan
GTE	Gas Turbine Engines
HERF	Hazardous Electronic Radiation - Fuels
HERO	Hazardous Electronic Radiation - Ordnance
HERP	Hazardous Electronic Radiation - Personnel
JCSG-DM	Joint Cross Service Group - Depot Maintenance
KSF	Thousands of Square Feet
PRV	Plant Replacement Value
R&D	Research and Development
RPM	Real Property Maintenance
SF	Square Feet
WG	Wage Grade

INTRODUCTION

Because of the multicommodity concept employed by the MCLB depots and the ability to reconfigure our crosstrained and highly flexible workforce, Capacity Index (Table 1.1.a) and Capacity Utilization (Table 1.2.a) are calculated first against the Total Program Workload (Table 3.1.b) and second against Core Workloads (Table 13.1.a). Calculations based on Total Programmed Workloads are provided in Tables 1.1.a and 1.2.a. Calculations based on CORE Workloads are provided in Tables 1.1.a (supplemental) and 1.2.a (supplemental). During analysis of capacity information, care should be taken to ensure appropriate tables are being used.

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

CAPACITY

1. Capacity Utilization

1.1 Calculate the capacity index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed in direct labor hours (DLHs) in Table 1.1.a by commodity groups for the Fiscal Years requested.

Table 1.1.a: Capacity Index (Revised 9/27/94)

JCSG Commodity Group	INDEX (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	139.3	37.2	30.0	28.7	27.4
Amphibians					
Vehicles	283.2	336.3	312.9	297.0	284.0
Components	44.0	18.4	17.7	17.9	17.0
Ground Combat Vehicles					
Self Propelled					
Tanks	76.7	23.7	22.0	20.9	20.0
Towed Combat Veh	28.9	16.9	15.6	13.3	11.9
Components	22.5	12.2	11.5	10.6	9.8
Comm/Elect					
Radar	53.7	32.0	30.0	28.4	27.1
Radio Comm	46.0	80.4	69.4	61.9	57.9
Wire Comm	38.6	31.9	29.6	28.2	27.0
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		7.7	7.2	6.8	6.5
Satellite/Space Sensors					
Automotive/Construction Equipment	21.9	7.4	50.(	47.5	23.2
Tactical Vehicles					
Tactical Vehicles	235.0	407.7	410.'	448.8	496.7
Components	4.8	4.7	4.'	3.9	3.7
General Purpose Items					
Ground Support Equip	29.6	10.8	10. .	9.5	12.5
Small Arms/Per Wpns	4.2	.5	. '	.4	.4
Munitions/Ordnance	.1	.2	. !	.2	.2
Grd Generators	2.0	2.1	1.9	1.8	1.7
Other	1.0	2.8	2.3	.9	.7
Sea Systems					
Ships	4.5	6.0	5.2	4.8	4.4
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	9.0	6.1	5.9	5.5	4.9
Total	1045.0	1045.0	1037.0	1037.0	1037.0

NOTE: See Introduction on Page 5a.

Capacity Index
(Core Supplemental)
Table 1.1.a

JCSG Commodity Group	INDEX (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	29.5	29.5	20.8	15.9	14.4
Amphibians					
Vehicles	183.6	183.6	190.9	182.6	189.0
Components	5.3	5.3	4.7	5.3	5.0
Ground Combat Vehicles					
Self Propelled					
Tanks	20.7	20.7	20.0	22.0	19.0
Towed Combat Veh	88.0	88.0	90.0	90.3	88.7
Components	0.5	0.5	0.5	0.5	2.0
Comm/Elect					
Radar	53.9	53.9	47.6	46.4	47.1
Radio Comm	91.9	91.9	78.2	74.9	70.8
Wire Comm	0.1	0.1	0.1	0.1	0.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	72.1	72.1	74.7	91.7	86.5
Satellite/Space Sensors					
Automotive/Construction Equipment	160.9	160.9	163.5	174.5	153.2
Tactical Vehicles					
Tactical Vehicles	303.6	303.6	311.3	304.6	332.7
Components	2.7	2.7	3.0	2.6	2.7
General Purpose Items					
Ground Support Equip	10.8	10.8	10.1	4.5	4.8
Small Arms/Per Wpns	3.5	3.5	2.9	2.4	2.9
Munitions/Ordnance	0.2	0.2	0.2	0.2	0.2
Grd Generators	0.6	0.6	0.9	1.8	1.7
Other	5.0	5.0	6.5	5.9	5.9
Sea Systems					
Ships	6.0	6.0	5.2	5.3	5.4
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	6.1	6.1	5.9	5.5	4.9
Total	1045.0	1045.0	1037.0	1037.0	1037.0

NOTE: See Introduction on Page 5a.

Activity: M62204

1. Capacity Utilization, continued

1.2 Calculate the utilization index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed as a percentage (%) in Table 1.2.a by commodity groups for the Fiscal Years requested.

Table 1.2.a: Utilization Index

JCSG Commodity Group	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	114	118	130	136	142
Amphibians					
Vehicles	114	109	117	123	129
Components	115	134	141	149	157
Ground Combat Vehicles					
Self Propelled					
Tanks	114	114	123	130	136
Towed Combat Veh	114	111	119	127	132
Components	114	121	129	140	152
Comm/Elect					
Radar	113	108	116	122	128
Radio Comm	113	108	116	122	128
Wire Comm	113	108	116	122	128
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		106	113	120	126
Satellite/Space Sensors					
Automotive/Construction Equipment	114	155	121	128	141
Tactical Vehicles					
Tactical Vehicles	114	113	121	127	132
Components	119	108	120	123	129
General Purpose Items					
Ground Support Equip	108	89	96	102	90
Small Arms/Per Wpns	114	120	120	150	150
Munitions/Ordnance	100	100	100	100	100
Grd Generators	115	138	152	161	170
Other *	310	203	228	432	914
Sea Systems					
Ships	111	106	115	120	127
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	116	195	205	218	234
Total	115	113	121	127	133

NOTE: See Introduction on Page 5a.
* - This commodity category includes ROWPUs, DeCon Units, Lube Units, Pumps, etc. DLMHs in this category are low and resources can be realigned from other commodities/commodity categories.

Utilization Index
(Core Supplemental)
Table 1.2.a

JCSG Commodity Group	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	77	77	73	77	74
Components	72	72	81	72	76
Ground Combat Vehicles					
Self Propelled					
Tanks	81	81	84	77	88
Towed Combat Veh	89	89	87	87	84
Components	80	80	80	80	90
Comm/Elect					
Radar	72	72	79	100	88
Radio Comm	71	71	81	100	89
Wire Comm	100	100	100	100	100
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	98	98	92	93	88
Satellite/Space Sensors					
Automotive/Construction Equipment	82	82	81	81	71
Tactical Vehicles					
Tactical Vehicles	94	94	84	95	89
Components	96	96	80	93	89
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns	83	83	83	100	86
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships	83	83	96	94	93
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	25	25	41	20	18
Total	81	81	78	86	81

NOTE: See Introduction on Page 5a.

1. Capacity Utilization, continued

1.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, with no significant investment in capital equipment; and (c) no major Military Construction additional to that already approved and funded: what is the maximum extent to which operations, by commodity group, could be expanded for depot maintenance work at your activity, based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of direct labor hours (DLHs).

Table 1.3.a: Maximum Potential Capacity

JCSG Commodity Group	INDEX (DLHs) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	181.3	49.6	49.6	49.6	49.6
Amphibians					
Vehicles	430.4	450.2	449.8	447.9	447.9
Components	67.2	30.3	30.8	32.6	32.6
Ground Combat Vehicles					
Self Propelled					
Tanks	141.6	50.9	49.7	49.7	49.7
Towed Combat Veh	50.5	54.9	54.9	54.4	54.0
Components	41.6	28.6	28.2	28.5	28.7
Comm/Elect					
Radar	74.7	40.7	42.4	43.6	44.2
Radio Comm	64.7	102.3	98.4	95.4	94.6
Wire Comm	54.2	43.1	44.5	45.9	46.5
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		9.7	10.(	10.3	10.4
Satellite/Space Sensors					
Automotive/Construction Equipment	49.6	70.1	71.8	71.8	71.8
Tactical Vehicles					
Tactical Vehicles	335.4	566.6	558.9	559.6	560.2
Components	6.6	6.2	5.4	4.7	4.1
General Purpose Items					
Ground Support Equip	36.6	20.8	20.8	23.1	21.6
Small Arms/Per Wpns	7.3	1.8	1.8	1.9	2.1
Munitions/Ordnance	.2	.6	.6	.6	.7
Grd Generators	2.6	6.2	6.2	6.9	5.5
Other	3.5	12.3	12.3	9.3	12.2
Sea Systems					
Ships	10.3	10.3	10.3	10.3	10.3
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	13.2	16.3	16.6	16.9	16.3
Total	1571.5	1571.5	1563.0	1563.0	1563.0

Activity: M62204

Table 1.3.a: Maximum Potential Capacity (Core Supplemental)

JCSG Commodity Group	INDEX (ILHs) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	100.9	100.9	94.1	83.8	78.7
Amphibians					
Vehicles	256.5	256.5	241.1	236.0	302.7
Components	6.8	6.8	5.2	6.9	8.6
Ground Combat Vehicles					
Self Propelled	25.7	25.7	22.2	22.2	22.2
Tanks	125.8	125.8	119.0	113.8	101.9
Towed Combat Veh	0.7	0.7	0.7	0.7	2.4
Components					
Comm/Elect					
Radar	56.3	56.3	49.6	58.0	49.6
Radio Comm	92.3	92.3	83.7	92.4	76.8
Wire Comm	0.1	0.1	0.1	0.1	0.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	99.2	99.2	90.7	104.3	92.3
Satellite/Space Sensors					
Automotive/Construction Equipment	278.8	278.8	323.2	265.1	217.2
Tactical Vehicles					
Tactical Vehicles	484.0	484.0	444.6	506.2	507.9
Components	3.5	3.5	3.4	5.1	5.1
General Purpose Items					
Ground Support Equip	10.8	10.8	35.6	30.5	44.2
Small Arms/Per Wpns	5.7	5.7	3.4	3.4	3.4
Munitions/Ordnance	0.4	0.4	0.3	0.3	0.3
Grd Generators	3.4	3.4	12.0	8.6	12.0
Other	5.2	5.2	20.5	12.0	25.7
Sea Systems					
Ships	8.6	8.6	6.8	6.8	6.8
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	6.8	6.8	6.8	6.8	5.1
Total	1571.5	1571.5	1563.0	1563.0	1563.0

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CAPACITY

2. **Plant Replacement Value**

2.1 What is the estimated Plant Replacement Value (PRV) as of the end of each Fiscal Year of your depot maintenance activity expressed in thousands of dollars ($K) as a function of the facilities and equipment? Provide your answer in Table 2.1.

Table 2.1: **Expenditures and Equipment Values**

PRV	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Facilities	141,451	147,166	152,524	158,240	163,240
Equipments	230,788	240,113	248,856	258,180	266,340
TOTAL	372,239	387,279	401,380	416,420	429,580

3. Programmed Workload

3.1 Given the current configuration and operation of your activity, provide the programmed depot level workload by commodity group in Tables 3.1.a and 3.1.b. Express your answer in both dollars ($K) and direct labor hours (DLH) for the Fiscal Years requested.

Table 3.1.a: Programmed Workload

JCSG Commodity Group	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	10251	2701	2488	2488	2351
Amphibians					
Vehicles	24663	26755	26727	26619	26619
Components	3850	1800	1827	1936	1936
Ground Combat Vehicles					
Self Propelled					
Tanks	5862	3686	4074	3743	2025
Towed Combat Veh	2620	2795	2801	2758	1918
Components	1722	2018	2232	2074	1151
Comm/Elect					
Radar	3785	870	912	906	918
Radio Comm	3277	2186	2112	1983	1966
Wire Comm	2749	921	955	953	966
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		206	215	214	217
Satellite/Space Sensors					
Automotive/Construction Equipment	1896	4901	8382	8344	1905
Tactical Vehicles					
Tactical Vehicles	17285	28518	30824	35314	40971
Components	340	313	296	297	300
General Purpose Items					
Ground Support Equip	2175	543	543	531	479
Small Arms/Per Wpns	381	89	90	98	73
Munitions/Ordnance	8	30	30	33	24
Grd Generators	156	162	162	159	123
Other	211	319	319	214	271
Sea Systems					
Ships	222	1308	1230	1179	1138
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	760	400	41[illegible]	409	399
Total	82213	80521	8663[illegible]	90252	85750

CAPACITY

3. **Programmed Workload, continued**

Table 3.1.b: **Programmed Workload (Revised 9/27/94)**

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	159.6	44.0	39.1	39.1	39.1
Amphibians					
Vehicles	324.8	367.1	367.1	367.1	367.1
Components	50.7	24.7	25.1	26.7	26.7
Ground Combat Vehicles					
Self Propelled					
Tanks	87.9	27.2	27.2	27.2	27.2
Towed Combat Veh	33.0	18.8	18.7	16.9	15.8
Components	25.8	14.8	14.9	14.9	14.9
Comm/Elect					
Radar	61.0	34.6	34.8	34.7	34.7
Radio Comm	52.8	86.9	80.7	75.9	74.3
Wire Comm	44.3	36.6	36.5	36.5	36.5
Electronic Warfare					
Navigational Aids		8.2	8.2	8.2	8.2
Electro-Optics/NV					
Satellite/Space Sensors					
Automotive/Construction Equipment	25.1	11.5	60.8	60.8	32.8
Tactical Vehicles					
Tactical Vehicles	269.7	464.6	500.(	571.0	656.2
Components	5.3	5.1	4.8	4.8	4.8
General Purpose Items					
Ground Support Equip	32.0	9.7	9.'	9.7	11.3
Small Arms/Per Wpns	4.8	.6	.(	.6	.6
Munitions/Ordnance	.1	.2	.3	.2	.2
Grd Generators	2.3	2.9	2.)	2.9	2.9
Other	3.1	5.7	5.'	3.9	6.4
Sea Systems					
Ships*	5.0	6.4	6.)	5.8	5.6
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	10.5	11.9	12.1	12.0	11.5
Total	1197.8	1181.5	1255.1	1318.9	1376.8

Activity: M62204

Table 3.1.b: Programmed Workload (CORE SUPPLEMENTAL)

(REVISED 10-17-94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	76.0	76.0	76.0	71.0	71.0
Amphibians					
Vehicles	194.7	194.7	193.4	200.5	266.7
Components	5.0	5.0	5.0	5.2	7.0
Ground Combat Vehicles					
Self Propelled					
Tanks	18.9	18.9	18.9	18.9	18.9
Towed Combat Veh	94.4	94.4	94.6	94.7	90.9
Components	.5	.5	.5	.5	1.9
Comm/Elect					
Radar	40.9	40.9	39.5	48.4	43.6
Radio Comm	68.4	68.4	66.4	77.7	66.4
Wire Comm	.1	.1	.1	.1	.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	74.2	74.2	72.2	88.6	79.5
Satellite/Space Sensors					
Automotive/Construction Equipment	214.7	214.7	259.3	223.8	192.0
Tactical Vehicles					
Tactical Vehicles	372.0	372.0	359..	430.0	452.3
Components	3.3	3.3	3.1	3.6	3.8
General Purpose Items					
Ground Support Equip	2.0	2.0	29 3	26.5	39.5
Small Arms/Per Wpns	2.9	2.9	2 6	2.4	2.5
Munitions/Ordnance			9 1	8.4	10.9
Gnd Generators	2.5	2.5	16 6	10.5	21.9
Other	1.5	1.5			
Sea Systems					
Ships*	7.0	7.0	6.0	6.0	6.0
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	2.5	2.5	1.4	2.1	1.9
Total	1181.5	1181.5	1255.1	1318.9	1376.8

CAPACITY

4. Service Centers of Excellence

4.1 If your activity has been designated as a Service Center of Excellence for any of the commodity groups, please identify them below.

The Albany, Georgia and Barstow, California Multi-Commodity Maintenance Centers are singularly unique in the DOD. The multi-commodity maintenance concept is much different from the "Centers of Excellence" in many of our sister services. Their maintenance centers are dedicated to specific commodity areas; major components may or may not be worked at the same location as the end item. Therefore, the Centers of Excellence concept as advocated by the other services does not provide the most effective and efficient support to the Marine Corps. Our logistics strategy of maintaining one Multi-Commodity Maintenance Center on each coast provides functional experts in a multitude of commodities to support small quantity workloads which would be costly to consolidate in one location. Consolidation at one location would require additional procurement resources to support increased equipment inventories and expanded operations and maintenance resources to cover elevated transportation costs.

Within each Marine Corps Multi-Commodity Maintenance Center is a "one stop process" where we work the entire item, including components. We perform these maintenance services - not a single commodity, but on All ground combat and combat support equipment used by the Marine Corps. Consequently, Marine Corps Maintenance Centers perform Centers of Excellence-type work, in-house for each commodity. In addition, one of the most unique essential processes of the Maintenance Centers is our amphibious capability. We rigorously and thoroughly test each vehicle upon completion using our test track, test pond, and when applicable, test fire range facilities.
We are facilitized and manned to do this with a workforce in which over 80 percent are cross-trained to work in more than one commodity area. Unlike other services, we do not maintain extensive maintenance float inventories, so most of our items in for maintenance are returned directly to the operating forces. The multi-commodity maintenance approach improves readiness, reduces inventory requirements, and generates substantial transportation savings.

Albany is the home base for the Commander of the Marine Corps Logistics Bases (MARCORLOGBASES). The Commander is directly responsible to the Commandant of the Marine Corps for Ground Depot Maintenance for the Maritime Prepositioning Force (MPF) Program, the Marine Corps' single inventory control point for wholesale supply, and the provisioning, readiness, and sustainment of all ground combat and combat support equipment. With this direct line of communication and diverse workforce, the workload in either Maintenance Center can be adjusted literally overnight to meet the mission-critical requirements of national security or power projection. The multi-commodity maintenance concept works -- it is responsive to the Marine Corps' requirements, it is paid for with less than one percent of the total DOD dollars dedicated to depot maintenance, and it is an integral part of our Nation's 9-1-1 Force-in-Readiness.

4. Centers of Excellence

MEASURES OF MERIT

Geographic

1. Location

1.1 Specify any special strategic importance or military value consideration of your activity accruing from its geographical location.

Activity	Location	Description of Strategic Importance/ Military Value
Marine Corps Multi-Commodity Maintenance Center, MCLB Barstow, CA	The Maintenance Center is located 7 miles east of Barstow, CA. It is strategically located in Southern California to provide our customers, fast and efficient services. Nellis AFB is 150 miles to the east, NTC Fort Irwin and China Lake are 35 miles and 73 miles respectively to the north, MCAGCC 29-Palms is 93 miles to the south, 1 MEF Camp Pendleton is 150 miles to the west, and 1 MEB Hawaii and 3 MEF Okinawa in the Pacific. Major seaports at Los Angeles (135 miles), Long Beach (120 miles) and San Diego (181 miles) to the west make MCLB Barstow the Hub for depot maintenance repairs in the Western Theater. The Maintenance Center is within 3 miles of two major Interstate Highways, I-15 and I-40 and a major California Highway 58. Also another major Interstate Highway, I-10 is within 80 miles of the center. Unique to the center is the largest and busiest railhead in the DoD, feeding two major computerized switching yards, the Santa Fe and the Union Pacific. Barstow/Daggett Airport is located two miles from MCLB, and provides services for military air shipments. The airport is capable of handling all military and civilian aircraft. A 30 million dollar expansion has been approved that will lengthen the existing 6,000 ft. runway to 10,000 ft. Low transportation costs	The Barstow Multi-Commodity Maintenance Center with its sister maintenance center in Albany, GA., are singularly unique in the DoD. Multi-commodity maintenance centers are "one stop shopping" maintenance processing centers. Barstow serves the Western United States and Pacific Theater of operations. The Marine Corps need for rapid response to weapons systems readiness is fulfilled by easy access to the multi-commodity maintenance center. This Multi-commodity Maintenance Center is essential in reconstituting the MPF ships by providing repair/rebuild of ground combat and air control systems and equipment. The Barstow Multi-commodity Maintenance Center is ideally located in the High-Desert with a dry, mild temperate climate providing for excellent outside storage and working conditions. Work can be performed outside consistently 365 days a year. The Logistics Base provides supplies and equipment to military units worldwide on a continual, rotational basis. The base logistics support is essential in counteracting global threats. The Multi-commodity Maintenance Center has a work force that is 80 percent cross-trained to repair weapons systems and their components (multi-commodity) allowing flexibility to implement rapid changes whenever FMF requirements dictate an adjustment in workload. This Multi-commodity Maintenance Center work force can be adjusted quickly to meet the mission essential requirements of customers worldwide involved in any conflict. During FY-92 Barstow Multi-commodity Maintenance Center responded to 1,201 FMF required changes involving 6,386 assets, and in FY-93, 702 customer required changes involving 13,791 assets. This repair capability, strategic location, and flexibility has proven MCLB Barstow's superior value to our ultimate customer-the Marines in the field.

Geographic, continued

2. Environmental Compliance

Answers to the following questions need to reflect the particular workloads or processes affected by the environmental restrictions/compliance.

2.1 Is your activity in full compliance with all Federal, state, and local environmental regulations? If not in full compliance, provide a comprehensive list of individual regulations that require actions to be taken. What compliance waivers have been granted? When must the activity come into compliance?

We are in compliance with all regulations except as wavered below:

Type	Regulation	Wavier (Date Expires)	Date Must be in Compliance
Air	42 USC 7401 40 CFR 50,60 Rule 219 (c)(8) CA Air Res Bd	See Below	N/A

Volatile Organic Compound (VOC) emissions from the MC3 paint booths have historically exceeded at times the former San Bernardino Air Pollution Control District limits, now known as the Mojave Desert Air Pollution Control District limits. Although the APCD had been concerned over the emissions exceedances, the award of the Strategic Environmental Research and Development Program funding for a UV-Oxidation Air Pollution Control System prompted the MDAPCD to agree to allow the MC3 paint operation continue as a Best Available Control Technology (BACT) effort. This wavier is an implicit wavier that is embodied in the decision by the MDAPCD not to require a permit to proceed with the initiative. Rule 219, CARB, states that a permit is not required for "bench scale experiments or research operations and equipment used exclusively for ..... research to advance air pollution control knowledge". By citing this regulation as the justification for not requiring a permit, an implicit wavier was granted. The installation and operation of the UV-oxidation air pollution control system places MC3 in compliance on emissions from painting operations. A major player in the SERDP scenario has been the EPA office, Research Triangle Park, North Carolina. Their contribution to the project has involved redesign of the MC3 paint booths to accommodate a split-level recirculation concept. It is the charter of the EPA to work with an organization in such a way that the organization will come into compliance with the Federal Clean Air Act Amendments and a technology transfer will be achieved which will be available to all industry in their quest to meet the CAAA regulations.

2.2 Has any actual or programmed work at this installation been restricted or delayed because of environmental considerations, such as air or water quality? If so, provide the details of the impact of the restrictions or delays.

Programmed Work	Restriction/Delay	Describe Impact

There have been no restrictions or delays to actual or programmed work due to environmental issues. Earlier VOC capture programs had been initiated and the APCD office was monitoring the progress. With the award of the SERDP funding, the APCD became a willing participant in order to expedite the program and to support a major endeaver in the district on air pollution control that would demonstrate state-of-the-art technology.

Geographic, continued

3. **Environmental Restrictions**

Answers to the following questions need to reflect the particular workloads or processes affected by the environmental restrictions/compliance.

3.1 Are there any special programs relating to environmental or industrial waste considerations for your activity? If so, provide the details.

3.1 Yes

Special Program	Env/Indust Waste	Describe
Industrial Waste Treatment and Recycling Plant	Waste Water	Treatment plant designed for avg 25,000 gpd, 1100 ft² admin facility, 200 ft² chemical storage; design feature for recycling of industrial waste water stream.
UV-Oxidation Air Pollution Control System	Volatile Organic Compounds, Hazardous Air Pollutants	A VOC/HAP destruction unit, 95% destruction efficiency for spray paint booth emissions.
Hazardous Material Management System (HMMS)	Hazardous Mat'l Tracking	An automated management information system that tracks the receipt/issue of all hazardous material in maintenance, establishesrunning inventories, limits issue quantities, issues Mat Safety Data Sheets, provides ready access for environmental reporting.
Hazardous Material Storage Facility	Increased Control and Storage of Hazardous Material	A facility to store hazardous material in accordance with EPA and OSHA regulations.
Hazardous Waste Minimization	Alternative Products and Process	Jet Spray parts washers replacing vapor degreasers, plastic media blasting replacing chemical strip, antifreeze recycling, waste barrel reuse, diesel fuel recycling, steam bay water recycling.

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

3.2

Type	Provisions	Description
Hazardous Waste	40 CFR 260-282 42 U.S.C 6901 Resource Conservation and Recovery Act (RCRA)	Regulation promulgated to address solid waste disposal problems, i.e., solid liquid, semi-solid or contained gaseous material.
Hazardous Waste	49 CFR 171-177 (Dept of Transportation)	Compilation of regulations relating to transport of hazardous material/ hazardous waste.

Geographic, continued

3. Environmental Restrictions, continued

Hazardous Waste	Title 22, California Hazardous Waste Management Program	Compilation of toxics regulations issued by State (CCRs).

4. Other Collocated Activities

4.1 Are there any collocated activities that directly benefit or relate to the depot maintenance activity? If yes, list and describe the impact of each. Include benefits derived from being collocated.

Collocated Activity	Benefit/Relationship/Impact
Defense Reutilization Marketing Office	Disposal or reutilization of equipment and material
Fleet Support Division (FSD)	Marine Corps' Storage and Distribution and Publications
Human Resources Office	Personnel Actions, Staffing, Classification, and EEO Programs
Information Resources Management Directorate (IRMD)	Mainframe Computer Support and Personal Computer Maintenance
Contracting Office	Administrate procurement process
Communications Office	Support for telephone service, radio maintenance, and related equipment
Defense Logistics Agency	Storage and Distribution
Base Property Office	Accountability of assets greater than $25K
Base Safety Office	Support for the Safety Program
Facilities and Services Division (F&S):	
Motor Transportation Office (GME)	Maintenance and operation of transportation equipment
Utilities	Cost of utilities, potable water, sewage, gas, and steam
Hazardous Waste Disposal	Disposal of hazardous waste material
Maintenance: Building, Equipment, Tools, Preventive	Maintenance of buildings, equipment, and tools
Engineering Equipment	Provide use of engineering equipment
Minor Construction	Design, engineering, and construction of non-capitalized Minor Construction Projects

Geographic, continued

4. Other Collocated Activities, continued

4.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

Collocated Activity	Describe Relationship
Defense Reutilization Marketing Office	Supports Depot Maintenance Activity
Fleet Support Division (FSD)	Supports Depot Maintenance Activity
Human Resources Office	Supports Depot Maintenance Activity
Information Resources Management Directorate (IRMD)	Supports Depot Maintenance Activity
Contracting Office	Supports Depot Maintenance Activity
Communications Office	Supports Depot Maintenance Activity
Defense Logistics Agency	Supports Depot Maintenance Activity
Facilities and Services Division (F&S)	Supports Depot Maintenance Activity
Base Safety Office	Supports Depot Maintenance Activity
Base Property Office	Supports Depot Maintenance Activity
Motor Transportation Office (GME)	Supports Depot Maintenance Activity
Utilities	Supports Depot Maintenance Activity
Hazardous Waste Disposal	Supports Depot Maintenance Activity
Maintenance: Building, Equipment, Tools, Preventive	Supports Depot Maintenance Activity
Engineering Equipment	Supports Depot Maintenance Activity
Minor Construction	Supports Depot Maintenance Activity
Fire Protection Branch	Supports Depot Maintenance Activity

Geographic, continued

4. Other Collocated Activities, continued

4.3 How would these activities and the depot maintenance activity function if they were not collocated?

Collocated Activity	Describe Relationship
Defense Reutilization Marketing Office	Transportation costs would increase to transport used material for disposal
Fleet Support Division (FSD)	FSD service would have to be established at the depot
Human Resources Office	Personnel services would have to be provided by the depot or from a remote personnel office
Information Resources Management Directorate (IRMD)	IRMD services could be contracted to private industry or brought into the depot
Contracting Office	Contract support would have to be established within the depot
Communications Office	Could be contracted to private industry
Defense Logistics Agency	Impact would be severe if storage were not allocated
Base Property Office	Could be established in house
Base Safety Office	Could be established in house
Facilities and Services Division (F&S):	
Motor Transportation Office (GME)	Could be contracted to private sector
Utilities	Could be established in house
Hazardous Waste Disposal	Could be established in house
Maintenance: Building, Equipment, Tools, Preventive	Could be established in house
Engineering Equipment	Could be contracted to private sector
Minor Construction	Could be established in house

Geographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

There are no encroachments at MCLB Barstow.

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

N/A

Type of Encroachment	Constraint on Expansion	Describe
N/A		

6. Unique or Peculiar Facilities, continued

6.1 Supplemental: List unique or peculiar testing facilities, excluding equipment (e.g. runways, railheads, ports, tracks, ponds, etc.).
(Revised 9/27/94)

Test Facility	Describe Uniqueness/Peculiarity
Paxman Dyno Facility *	This facility is especially designed to accommodate the complete testing of the PAXMAN 3100 h.p. diesel engine. This engine is primarily used in the 110' Cutter Class vessel for the U. S. Coast Guard and the U. S. Navy ocean going vessels.
Engineering Laboratory	Equipped with a wide range of analytical equipment. Capabilities include ionized couple argon plasma, X-Ray florescence, gas chronology, infrared spectrometry, temperature baths, viscosity measurement, adn pH meters.
Test Pond **	The Test Pond is used to test amphibious vehicles such as the LAV and AAV. This test facility measures 200 feet by 400 feet by 12 feet deep, containing 7,000,000 gallons of water, and is large enough to perform the required speed test for the AAV.
Tracked Vehicle Test Slopes	The Tracked Vehicle Test Slopes of 30% and 60% grades are used for tracked vehicle performance testing.
Vehicle Test Track	Our tracked vehicle test track is composed of natural terrain and which simulates actual combat situations. These include slopes, depressions, undulations, quick turns and a one mile speed run. Our wheel vehicle test track involves both natural and commercial slopes and unlimited roadways.
Transmission Dynamometer Facility	A new facility housing MC3 Barstow's General Electric Cross-drive transmission dynamometer is nearing completion. This $2.5 million test facility is designed to test five different models of Marine Corps combat vehicle cross-drive transmissions. This type of dynamometer is the only one in the Marine Corps, and there are only two others with similar capability within DoD.
Radiographic Test Facility	The Radiographic facility located at MC3 Barstow is classified as a shielded facility. It houses the x-ray system, which has the capability to penetrate 5 inches of steel. It is a concrete structure surrounded by an eight foot cyclone fence for added security. The control room has a visual monitoring system incorporating an inter-communication system, with warning lights, and audio warning system. Exposure room measures 40 feet by 35 feet with a ceiling height of 50 feet The x-ray machine is a Pantax MK11 series system. Operating parameters are 420 kilovolt constant potential, 0-30 milliampere.
Radome Test Facility	The Radome Test Facility is used to test the AN/TPS-59 Long Range Radar. The facility is a 60 foot radome, truncated 75%, with 3 doors allowing entry and assembly of three antenna trailers for the AN/TPS-59.
Railhead	As a part of the rail operations of MCLB Barstow, MC3's railhead is connected to the 32 miles of railroad track and 160 rail switches within the base. This provides MC3 direct access to Santa Fe and Union Pacific railroads and capability to transport equipment to and from all major locations within the continental United States.
Cable Pull Test Facility	A Cable Pull Test Facility was constructed in FY93 to allow testing of cables and winches on a variety of tracked and wheeled vehicles. Cables can be tested in both the horizontal and vertical direction, depending on winch configuration. The applied force is automatically measured and recorded for certification.

* This equipment and associated facilities exist only at MC3 Barstow, California.

** This equipment and associated facilities exist at MC3 Barstow, CA and one other organic depot.

MEASURES OF MERIT

Facilities and Equipage

6. Unique or Peculiar Facilities, continued

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility	Reasons Required for Maintenance
Paxman Dyno Facility	Dynamometer testing of repaired engines is required by maintenance directives and customer criteria. No other procedure can predict engine performance or reveal latent defects. Engines must be operated at all power ranges for specified periods of time to ensure proper performance.
Engineering Laboratory	For quick analysis of oils, lubricants, fuels, industrial waste, and unknown liquids so that work stoppages are eliminated and manufacturing and repair may continue uninterrupted.
Test Pond	Speed testing of the AAV in water is performed in accordance with requirements of the maintenance criteria.
Tracked Vehicle Test Slopes	The Tracked Vehicle Test Slopes provide the capability for testing tracked vehicle braking, hill climbing ability, and fuel system operation, as well as gun fire-control synchronization, as required by maintenance criteria for tracked vehicles.
Vehicle Test Track	To provide full combat vehicle mechanical readiness to all tracked vehicles which undergo maintenance. These include engine, drive train, suspension support systems, and track reliability.
Transmission Dynamometer Facility	This facility is required for post maintenance and post repair testing of combat vehicle cross-drive transmissions under load. Testing is performed to ensure reliability of repaired transmissions prior to installation in a vehicle at depot or lower maintenance levels.
Radiographic Test Facility	Semi-annual and biennial inspections (surveys) conducted by Quality Assurance Branch Radio-Graphers are required to comply with written mandates from the Navy's Radiological Affairs Support Program (RASP). These requirements are met to maintain current certification of the x-ray facility. The x-ray facility's two large entry doors to the exposure room require periodic maintenance to their motors and electrical systems. The x-ray facility's automatic film processing machine requires semi-annual cleaning and maintenance.
Radome Test Facility	The facility is required for security, protection of equipment from lightning and weather, and safety of personnel from hazardous emissions.
Railhead	MC3's railhead provides the capability to transport large quantities of various sizes and weights of equipment in a short time frame, and in a cost effective manner to most strategic locations within the United States.
Cable Pull Test Facility	A Cable Pull Test Facility is required for certification of cable and winch towing capacities on a variety of tracked and wheeled combat vehicles. This is a performance as well as a safety requirement that is part of the depot maintenance criteria.

MEASURES OF MERIT

Facilities and Equipage

6. Unique or Peculiar Facilities, continued

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility	Describe Testing Alternatives
Paxman Dyno Facility	There are no alternatives to dynamometer testing repaired engines.
Engineering Laboratory	Forward to commercial laboratories allowing 2 - 4 weeks for analysis. This would result in significant production delays and higher costs.
Test Pond	No other means of performing the AAV water speed test is available.
Tracked Vehicle Test Slopes	No alternative exists.
Vehicle Test Track	Wheeled vehicles could be tested on public highways, with accompanying sacrifice in regard to safety and flexibility. No alternative exists for road testing tracked vehicles.
Transmission Dynamometer Facility	Without dynamometer testing capability, the depot maintenance function is incomplete. The quality of our work and the reliability of our repaired transmissions cannot be verified.
Radiographic Test Facility	If we did not have the x-ray facility, a series of tests, listed below would be required. These tests are not 100% conclusive and result in additional labor and material costs. DYE PENETRANT TESTING-This process uses visible and fluorescent dyes which allow the detection of defects open to the surface on non-ferrous metals. MAGNETIC PARTICLE TESTING-This process is capable of detecting surface and near sub-surface defects on ferrous metals by inducing a magnetic field into the part. EDDY CURRENT TESTING-This process allows for the detection of surface defects on ferrous and non-ferrous metals by inducing a circular electrical current into the part. ULTRA SOUND TESTING-This process incorporates sound waves to detect surface and sub-surface defects on ferrous and non-ferrous metals. FIBEROPTIC INSPECTION-This fiberscope utilizes a glass fiber filled, flexible shaft to inspect internal parts of many components without having to disassemble parts.
Radome Test Facility	There is no alternative because open air testing would subject both equipment and personnel to potential hazards.
Railhead	Equipment would be transported by truck at significantly higher cost, longer time frame for delivery and a restricted load size.
Cable Pull Test Facility	Cables and winches have been tested by using a second vehicle to apply the force, or by using large weights. Both methods are not nearly as accurate, or as safe as the new facility.

Facilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: **Facility Conditions**

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
214-10	BLDG	8.1			Ready Line Ops
214-10	BLDG	440.0			Veh. Maint. Fac.
214-10	BLDG	.3			Steam Clean Supp
214-10	BLDG	5.9			Steam Rack
214-10	BLDG	5.9			Dyno Test
214-10	BLDG	.8			Radar Test
214-10	BLDG	8.4			Lube Bldg
214-20	BLDG	2.1			Veh Maint
214-20	BLDG	2.4			Veh Maint
214-20	BLDG	2.4			Veh Maint
213-50	BLDG	8.0			Optics Repair
214-56	STRUCTURE	2.5			Undercoating
214-55	STRUCTURE	0.6			Wash Rack
218-45	BLDG	11.3			Calib. Lab
217-10	BLDG	2.0			X-ray Insp
390-13	STRUCTURE	1.7			Amph. Test Tank
371-17	STRUCTURE	112.4			Radar Test Range
390-17	STRUCTURE	1.0			Ord Test Ramp
390-17	STRUCTURE	48			Cable Pull Test
390-17	STRUCTURE	13,573			Veh Test Track
441-13	BLDG	5.0			Storage
441-35	BLDG	1.76			Gas Bottle Storage
730-36	BLDG	0.56			Lunch Room
730-75	BLDG	.056			Head
812-09	BLDG	0.5			Utilities
	TOTAL SQUARE FEET'	14,244.68			
	TOTAL ACREAGE	327			

Facilities and Equipage, continued

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

There are no underutilized facilities at the Barstow Maintenance Center, consequently, space available for expansion cannot be identified.

Table 7.2.a: **Space Available for Expansion**

Building ID / Type	CCN	Installation Space (KSF)			Total
		Adequate	Substandard	Inadequate	
TOTAL:					

Facilities and Equipage, continued

8. Unique and/or Peculiar Capabilities and Capacities

8.1 What unique and/or peculiar capabilities and capacities does the depot maintenance activity possess?
(Revised 9/27/94)

Depot Maintenance Capability/Capacity	Describe Why Unique/Peculiar
Laser Dimensional Measurement System	The Hewlett Packard Model 5528A Laser Measurement System is used for the calibration of precision machine tools and standards by measurement of concentricity, flatness, roundness, squareness, straightness and parallelism to plus/minus .00002 inches.
Vacuum Quench Heat Treating Facility	MC3 Barstow installed a Heat Treating Furnace with Vacuum Quench capability, manufactured by C. I. Hays Corporation. This equipment is capable of performing a vast array of metallurgical heat-treatment processes. The furnace features operating temperatures of 1000 to 2400 degrees Farenheit, plus/minus 2 degrees and pressure control of 1000 to 50 microns of mercury (Hg). All processes can be programmed into a microprocessor for precise control of each phase of the treatment. Both ferrous and non-ferrous materials can be treated to give each manufactured part the precise hardness, toughness, and strength required by specification.
Steel Grit Blast Facility	This facility consists of two steel grit blast booths which were renovated in 1993 with new EPA and OSHA compliant dust control. These drive-through booths are used to remove paint and surface corrosion from armored tactical vehicles undergoing rebuild/repair. The renovation also provided a new grit reclaimation system and reinforced floors to support a Marine Corps M1 Main Battle Tank.
Plastic Media Blast Facility	The first Plastic Media Blast (PMB) facility designed by Stripping Technologies Incorporated, a blast equipment developer and manufacturer, was installed at MC3 Barstow in FY93. Similar to sandblasting, the PMB process replaces harmful chemical stripping of paint and primer coatings from Marine Corps ground combat vehicles and equipment. It is especially effective on aluminum, magnesium, fiberglass, and composite materials, which would otherwise be damaged by the more aggressive steel grit blasting process. This facility is compliant with all environmental and OSHA regulations. Plastic media may be re-used several times before disposal as hazardous waste. PMB is much quicker, safer, and less expensive than chemical stripping and has reduced our volume of hazardous waste and our disposal costs immensely.
FCIM	MC3 Barstow is a current participant in the Department of Defense Flexible Computer Integrated Manufacturing (FCIM) initative. In 1992, the Joint Center for FCIM selected MC3 Barstow to be one of only seven Process Validation Enterprise (PVE) sites. As a PVE site, we are involved in the development of the Small Mechanical Parts Manufacturing System (SMPMS). The MC3 PVE site provides a unique capability to the Marine Corps and to other government agencies to obtain parts which long lead time is required or technical data is not available. MC3 manufactures these parts through reverse engineering and electronic data transfer, resulting in cycle time reduction, cost savings, and increased readiness levels. MC3 Barstow PVE site includes capability to develop electronic data. This provides the unique capability to manufacture parts through a paperless environment and provide further savings to the customer.
Kaizen	MC3 Barstow was the only DoD site selected as the pilot for Kaizen training. Kaizen means a gradual, unending improvement; doing "little things" better; and setting and achieving even higher standards. The Kaizen process has resulted in significant cost savings at the MC3. Because of the success of the Kaizen implementation, MC3 Barstow has been designated to be funded from the Joint Center for Flexible Computer Integrated Manufacturing (JC-FCIM) as the DoD Kaizen headquarters.
HMMS	An automated comprehensive hazardous materials management information system for optimum inventory control, usage, and tracking.

CNC Machining	MC3 Barstow is equipped with state of the art machining capabilities to include several Triax Computer Numerical Controlled (CNC) Milling Machines, CNC Hardinge Chucker, Lagunamatic CNC Milling Machine and CNC Leblond Turning Centers. These machines allow MC3 to reduce repetative machine operations up to 20% by means of computer programming. MC3 Barstow is able to respond to the DoD and Marine Corps needs for components and parts that are no longer in the Federal Supply System, in a fast (on time), and low cost, effective means of resupply.
Clean Rooms	Four clean room work spaces have been purchased and installed at MC3 Barstow. These clean rooms accommodate the disassembly, repair, and reassembly of sophisticated optics and electronics equipment tolerating little or no contamination. The Optics Shop has one Class 100 and one Class 1000 clean room used for Night Vision/Image Intensifier rebuild. The COMM/ELEC Shop has one Class 10,000 clean room. One Class 100,000 clean room is used as a computer operations room.
Communications/ Electronics Repair	The MC3 has a broad range of electronic testing and repair capabilities to support the full spectrum of communication electronics equipment and is the DoD sole source repair facility for the AN/PPN-19 Radar Transponder, AN/TAC-1 Fiber Optic Interface System, and the AN/TPS-59 Long Range Acquisition Radar. Service unique capabilities include AN/UYK-83 and AN/UYK-85 End User Computing Equipment, AN/TYQ-3A Tactical Data Communications Central, AN/GRC-171 UHF Radio Set,and the AN/MSC-63A Communications Central. Service peculiar capability includes environmental stress screening.
Engine Dynamometers	MC3 Barstow's engine rebuild capability includes seven computer controlled dynamometers, five EDI dynamometers - thru 500 H.P., two 250 H.P. and two 2000 H.P. Taylor dynamometers. This equipment is capable of fully automated performance testing of engines, measuring parameters such as; oil pressure/temperature, coolant temperature, crankcase pressure, and fuel pressure/temperature at various applied torques and speeds. Cooling water is supplied by a water recirculation and heat exchanger system that minimizes water usage and waste streams. Every rebuilt engine is tested to ensure compliance with operational specifications and ensure a reliable engine is installed in Marine Corps combat vehicles.
Automatic Part Washers	Three closed loop jet spray parts washers, using detergent based cleaners, replace chemical vapor degreasers and reduce processing time by 30%. These part washers are unique in that they are self running and environmentally compliant with California EPA standards. This equipment includes a wastewater recycling system minimizing effluent generation, as well as improving productivity.
Radiac Range	The J.L. Shepard 81-10D Dual Source Calibrator using Cesium 137 is used as the source to calibrate all X-ray and Gamma detecting devices. In addition, a counting system is utilized to identify and quantify specific X-rays and Gamma rays as well as Alpha and Beta particles. Such systems are comprised of the Packard Model 2500TR Liquid Scintillator Low Energy Level Beta Particle Detection System, the Protean Model ICP9025 Low Level Alpha-Beta Counting System and the Canberra Gamma Spectroscopy System.
Image Intensifier Rebuild	Image Intensifiers used in Night Vision Systems detect light and amplify it thousands of times. MC3 Barstow has repair, overhaul, and full rebuild capability for all of DoD's 2nd and 3rd generation image intensifiers. In operation since 1989, image intensifier repairs and testing is performed in Class 100 clean rooms. Image intensifiers are rebuilt to full military specifications including environmental stress testing.
Draw Lap Machining	The Draw Lap machine is used to restore the horizontal finish of cylinders to provide a tight seal between the gasses and oils used to absorb the recoil of the M-198 and M-101A1 Howitzers, and the M-1 Main Battle Tank. It is the only source within the Marine Corps to internally resurface recoil cylinders and/or replenishers.

CARC Paint Facility Strategic Environmental Research and Development Program (SERDP) *	Joint effort by the Marine Corps, Environmental Protection Agency, Applied Research Laboratories at Penn State, and the Strategic Environmental Research and Development Program for the construction of an environmentally compliant paint booth. Will realize 95% destruction efficiency of Volatile Organic Compounds and Hazardous Air Pollutants during coating operations applying Chemical Agent Resistive Coating (CARC) paint.
Industrial Waste Water Treatment Plant	New treatment plant has design technology to recycle majority of waste water back to processes.

*** This is the only California Clean Air Compliance CARC Paint facility, for ground combat and ground support equipment.**

Facilities and Equipage, continued (REVISED 9/27/94 for BRAC 95 Data Call 17)

8. Unique and/or Peculiar Capabilities and Capacities

8.2 Separately list the depot maintenance facilities and equipment which are one of a kind within the Service and/or DoD.

Facility/Equipment	Describe Why It is One of a Kind
5000 HP Dynamometer *	The MC3 at Barstow possesses the only U. S. Government facility in the world capable of testing the PAXMAN/Valenta 16 cylinder engine. This dynamometer allows PAXMAN engines to be subjected to all load conditions which simulates actual in-use circumstances while quantitively measuring; horsepower, cylinder temperatures spread, transducers/alarms and governor operation, fuel use, torque and perform systems control evaluation.
Towed Chassis Dynamometer *	The Towed Chassis Dynamometers are used to universally test wheeled vehicles, to various load conditions which simulate actual road circumstances while quantitively measuring speed, horse power, and torque. These two units were designed specifically to be totally self contained (eddy current) microprocessor controlled, and will test all wheeled vehicles in the Marine Corps, including LAV's, HMMWV's, and trucks. The advantage to the Towed Chassis Dynamometer is it requires no modifications to any towing vehicle in any configuration, present or future.
AN/TPS-59 Test Equipment	Repair/rebuild of the AN/TPS-59 Radar requires a high-power testing facility and a hybrid integrated circuit facility. MC3 Barstow is the only DoD depot with these unique capabilities. Additionally, some of the associated test equipment is custom made and not commercially available.
PPN-19 Test Equipment	Repair/rebuild of the AN/PPN-19 Radar Transponder requires special equipment, which was custom made by the original manufacturer. MC3 Barstow possesses the only such equipment in existence and currently performs all of DoD's depot level repair and testing of the AN/PPN-19.
AN/TAC-1 Test Equipment	MC3 Barstow is the only depot maintenance activity facilitated to test and maintain the AN/TAC-1 Fiber Optics Interface System.
Tow Test Equipment	The Laser Threat Verification Station is a self-contained system for remotely viewing a thermal target by the AN/TAS-4 family of thermal imagers while exposing the thermal imager to two lasers to verify the specifications of the Laser Threat modification. The Night Sight Collimator is a fully automated test station for the AN/TAS-4 family of scanning Forward Looking Infared Radiation (FLIR) thermal imagers. The TOW Optical Sight Hardening (TOSH) Prism Alignment Station is a high precision optical alignment station to verify the internal boresight source of the Tube-Launched, Optically-Tracked, Wire-Guided Missile Launcher (TOW) Optical Sight Sensor (OSS).
M198 Stress Test	The M-198 Stress Test is used to check the welds and structural integrity of the howitzer during the rebuild/repair restoration process. It is the only source within the Marine Corps that can provide stress testing capability.
Cross Drive Transmission Dynamometer	A new facility housing MC3 Barstow's General Electric Cross-Drive Transmission Dynamometer is nearing completion. This $2.5 Million test facility is designed to test five different models of Marine Corps combat vehicle cross-drive transmissions. This type of dynamometer is the only one in the Marine Corps, and there are only two others with similar capability within DoD.
In-Line Transmission Dynamometer	The In-Line Transmission Dynamometer tests all in-line type transmissions used in all wheeled vehicles. The dynamometer measures all performance under conditions which simulate actual operation at full load capacities.
Test Pond **	The Test Pond is used to test rebuilt or repaired vehicles. This facility measures 200 feet by 400 feet by 12 feet deep and contains approximately 7 million gallons of water. It is large enough to perform the speed testing of the AAV in water as required by maintenance criteria.

Image Intensifier	This equipment is used to test image intensifiers for Night Vision equipment. All test equipment is modern, state of the art, designed to perform rebuild to full MIL-SPEC requirements including burn-in and environmental stress testing simulating actual user conditions. No other depot maintenance facility other than MC3 Barstow possesses image intensifier rebuild capability.

* This equipment and associated facilities exist only at MC3 Barstow, California.

** This equipment and associated facilities exist at MC3 Barstow, CA and one other organic depot.

9. Acreage Available for Building

9.1 What acreage on the installation does the government own in the proximity of the depot maintenance area that could be used for future expansion? Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Developed area is defined as land currently with buildings roads, and utilities where further development is not possible without demolition of existing improvements. Report in "Restricted" areas that are 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.

Table 9.1: **Real Estate Resources**
Yermo Annex

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	95.0	95.0		259**
Operational				259**
Training	N/A			
R & D	N/A			
Supply & Storage	193.95	193.95		259**
Admin	.36	.36		259**
Housing	N/A	N/A		
Recreational	21.81	21.81		259**
Forestry Program	N/A	N/A		
Agricultural Outlease Program	N/A	N/A		
Hunting/Fishing Programs	N/A	N/A		
Test Track Programs	312	312		259**
Other	1,056	1,056		259**
Total:	1,680	1,421		259**

** There are approximately 259 acres available for development. This area could be developed into any of the land use categories listed above.

Facilities and Equipage, continued

10. Administrative Space

10.1 What amount in square feet of administrative space could be made available to the depot maintenance function?

Current Use Square Feet Potential Use (Be Specific)

There is no administrative space that could be made available to the depot maintenance function.

11. Industrial Waste

11.1 Are there any inhibiting factors that would limit future expansion on the base? Provide the details if applicable.

Inhibiting Factor Provide Detailed Description

There are no inhibiting factors at the Barstow Maintenance Center that would limit future expansion on the base.

MEASURES OF MERIT

Workload and Capabilities (REVISED 9/27/94 for BRAC 95 Data Call 17)

Answers to the following questions are to reflect programmed amounts by commodity group, by activity in direct labor hours by Fiscal Year for FY 1996 through FY 1999.

12. Core Capabilities (DoD)

12.1 What is the amount of core capability required to support your own Service? Provide your answers in Table 12.1.a by commodity group for the Fiscal Years requested.

Table 12.1.a: **Service Required Core**

(Revised 9/27/94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles		140.8	139.5	140.8	140.8
Components		3.8	3.8	3.8	3.8
Ground Combat Vehicles					
Self Propelled					
Tanks		16.8	16.8	16.8	16.8
Towed Combat Veh		78.2	78.4	78.5	74.7
Components		.4	.4	.4	1.8
Comm/Elect					
Radar		38.7	37.3	46.2	41.4
Radio Comm		65.3	63.3	74.6	63.3
Wire Comm		.1	.1	.1	.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		70.9	68.9	85.3	76.2
Satellite/Space Sensors					
Automotive/Construction Equipment		132.0	132.0	141.1	109.3
Tactical Vehicles					
Tactical Vehicles		285.0	260.1	288.5	297.0
Components		2.6	2.4	2.4	2.4
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns		2.9	2.1	2.4	2.5
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships					
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other		1.5	2.4	1.1	.9
Total		839.0	808.0	882.0	831.0

12.2 What is the amount of capability retained for the performance of other Services core? Provide your answers in Table 12.2.a by commodity group for the Fiscal Years requested.

Table 12.2.a: **Core Capability Retained for Other Services**
(Revised 9/27/94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles Strategic Tactical/MLRS					
Amphibians Vehicles Components					
Ground Combat Vehicles Self Propelled Tanks Towed Combat Veh Components					
Comm/Elect Radar Radio Comm Wire Comm Electronic Warfare Navigational Aids Electro-Optics/NV Satellite/Space Sensors					
Automotive/Construction Equipment					
Tactical Vehicles Tactical Vehicles Components					
General Purpose Items Ground Support Equip Small Arms/Per Wpns Munitions/Ordnance Grd Generators Other					
Sea Systems Ships Weapons System		5.0	5.0	5.0	5.0
Software Tactical Systems Support Equipment					
Special Interest Items Bearings Refurbishment Calibration (Type I) TMDE					
Other					
Total		5.0	5.0	5.0	5.0

12. Core Capabilities (DoD), continued

12.3 What portion of the Service Core capability identified in the 12.1a above is identified as Service-Controlled Core (Title 10 responsibility)? Provide your answer in Table 12.3.a by commodity group for the Fiscal Years requested.

Table 12.3.a: Service-Controlled Core (Title 10)
(Revised 9/27/94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles		140.8	139.5	140.8	140.8
Components		3.8	3.8	3.8	3.8
Ground Combat Vehicles					
Self Propelled					
Tanks		16.8	16.8	16.8	16.8
Towed Combat Veh		78.2	78.4	78.5	74.7
Components		.4	.4	.4	1.8
Comm/Elect					
Radar		38.7	37.3	46.2	41.4
Radio Comm		65.3	63.3	74.6	63.3
Wire Comm		.1	.1	.1	.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		70.9	68.9	85.3	76.2
Satellite/Space Sensors					
Automotive/Construction Equipment		132.0	132.0	141.1	109.3
Tactical Vehicles					
Tactical Vehicles		285.0	260.3	288.5	297.0
Components		2.6	2.4	2.4	2.4
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns		2.9	2.4	2.4	2.5
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships					
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other		1.5	2.4	1.1	.9
Total		839.0	808.0	882.0	831.0

13. Core Workloads

13.1 What are your total Core Workloads to be applied against capabilities identified in Tables 12.1a and 12.2a)? Provide your answer (DLH) in Table 13.1.a by commodity group for the Fiscal Year requested.

Table 13.1 a **Total Core Workloads**

(Revised 9/27/94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles		140.8	139.5	140.8	140.8
Components		3.8	3.8	3.8	3.8
Ground Combat Vehicles					
Self Propelled					
Tanks		16.8	16.8	16.8	16.8
Towed Combat Veh		78.2	78.4	78.5	74.7
Components		.4	.4	.4	1.8
Comm/Elect					
Radar		38.7	37.3	46.2	41.4
Radio Comm		65.3	63.3	74.6	63.3
Wire Comm		.1	.1	.1	.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		70.9	68.9	85.3	76.2
Satellite/Space Sensors					
Automotive/Construction Equipment		132.0	132.0	141.1	109.3
Tactical Vehicles					
Tactical Vehicles		285.0	260.3	288.5	297.0
Components		2.6	2.4	2.4	2.4
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns		2.9	2.4	2.4	2.5
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships		5.0	5.0	5.0	5.0
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other		1.5	2.4	1.1	.9
Total		844.0	813.(	887.0	836.0

FOOTNOTE: Whenever insufficient workloads in a specified commodity exist to satisfy CORE capability requirements, workloads are transferred between commodities utilizing similiar skills.

Workload and Capabilities, continued

14. Other Workloads (Above Core)

14.1 What above core workloads do you perform by these source categories? Use the most appropriate category, but do not duplicate workload on more than one table. Provide answers in Tables 14.1.a through 14.1.g by commodity group for the Fiscal Years requested.

Table 14.1.a: **FMS Above Core Workload**

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS		.2	.2	.2	.2
Amphibians					
Vehicles					
Components		.1	.1	.1	.1
Ground Combat Vehicles					
Self Propelled					
Tanks					
Towed Combat Veh					
Components					
Comm/Elect					
Radar					
Radio Comm		.1	.1	.1	.1
Wire Comm					
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV					
Satellite/Space Sensors					
Automotive/Construction Equipment					
Tactical Vehicles					
Tactical Vehicles		.8	.8	.8	.8
Components					
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns					
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships					
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other					
Total		1.2	1.2	1.2	1.2

Activity: M62204

Table 14.1.b: **Interservice Above Core Workload**

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles Strategic Tactical/MLRS					
Amphibians Vehicles Components					
Ground Combat Vehicles Self Propelled Tanks Towed Combat Veh Components					
Comm/Elect Radar Radio Comm Wire Comm Electronic Warfare Navigational Aids Electro-Optics/NV Satellite/Space Sensors					
Automotive/Construction Equipment					
Tactical Vehicles Tactical Vehicles Components					
General Purpose Items Ground Support Equip Small Arms/Per Wpns Munitions/Ordnance Grd Generators Other					
Sea Systems Ships Weapons System		2.0	1.0	1.0	1.0
Software Tactical Systems Support Equipment					
Special Interest Items Bearings Refurbishment Calibration (Type I) TMDE					
Other					
Total		2.0	1.0	1.0	1.0

Activity: M62204

Table 14.1.c: Other Agency Above Core Workload

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles Strategic Tactical/MLRS	None				
Amphibians Vehicles Components					
Ground Combat Vehicles Self Propelled Tanks Towed Combat Veh Components					
Comm/Elect Radar Radio Comm Wire Comm Electronic Warfare Navigational Aids Electro-Optics/NV Satellite/Space Sensors					
Automotive/Construction Equipment					
Tactical Vehicles Tactical Vehicles Components					
General Purpose Items Ground Support Equip Small Arms/Per Wpns Munitions/Ordnance Grd Generators Other					
Sea Systems Ships Weapons System					
Software Tactical Systems Support Equipment					
Special Interest Items Bearings Refurbishment Calibration (Type I) TMDE					
Other					
Total					

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.d: **Last Source of Repair Workload**
(Revised 9/27/94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS		30.9	30.9	30.9	30.9
Amphibians					
Vehicles					
Components					
Ground Combat Vehicles					
Self Propelled					
Tanks					
Towed Combat Veh					
Components					
Comm/Elect					
Radar		.1	.1	.1	.1
Radio Comm		.1	.1	.1	.1
Wire Comm					
Electronic Warfare					
Navigational Aids		.2	.2	.2	.2
Electro-Optics/NV					
Satellite/Space Sensors					
Automotive/Construction Equipment		60.5	60.5	60.5	60.5
Tactical Vehicles					
Tactical Vehicles		6.9	6.9	6.9	6.9
Components		.1	.1	.1	.1
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns					
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships					
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other					
Total		98.8	98.8	98.8	98.8

FOOTNOTE: Whenever insufficient workloads in a specified commodity exist to satisfy last source of repair capability requirements, workloads are transferred between commodities utilizing similiar skills.

Activity: M62204

Table 14.1.e: **Within Service Above Core Workload**

COMMODITY GROUP	Workload (DLHs) (000)			
	FY 1996	FY 1997	FY 1998	FY 1999
NONE				
TOTAL				

14. Other Workloads (Above Core), continued

Table 14.1.f: **Low Quantity Above Core Workload**

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS		20.0	20.0	15.0	15.0
Amphibians					
Vehicles		18.5	18.5	24.3	90.5
Components		.5	.5	.7	2.5
Ground Combat Vehicles					
Self Propelled					
Tanks					
Towed Combat Veh					
Components					
Comm/Elect					
Radar					
Radio Comm					
Wire Comm					
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV					
Satellite/Space Sensors					
Automotive/Construction Equipment					
Tactical Vehicles					
Tactical Vehicles		25.7	37.6	80.2	94.1
Components		.3	.4	.8	.9
General Purpose Items					
Ground Support Equip		.2			4.0
Small Arms/Per Wpns					
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships					
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other					
Total		65.2	77.0	121.0	207.0

14. All Other Workloads (Above Core), continued

Table 14.1.g: **All Other Workload (Above Core)**
(Revised 9/27/94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS		24.9	24.9	24.9	24.9
Amphibians					
Vehicles		35.3	35.3	35.3	35.3
Components		.7	.7	.7	.7
Ground Combat Vehicles					
Self Propelled					
Tanks		2.1	2.1	2.1	2.1
Towed Combat Veh		16.2	16.2	16.2	16.2
Components		.1	.1	.1	.1
Comm/Elect					
Radar		2.1	2.1	2.1	2.1
Radio Comm		2.9	2.9	2.9	2.9
Wire Comm					
Electronic Warfare					
Navigational Aids		3.1	3.1	3.1	3.1
Electro-Optics/NV					
Satellite/Space Sensors					
Automotive/Construction Equipment		22.2	67.3	22.2	22.2
Tactical Vehicles					
Tactical Vehicles		53.5	53.5	53.5	53.5
Components		.4	.4	.4	.4
General Purpose Items					
Ground Support Equip		2.9	29.3	26.5	37.3
Small Arms/Per Wpns		.0	.0	.0	.0
Munitions/Ordnance					
Grd Generators		.8	8.4	7.8	9.4
Other		2.1	17.3	11.1	21.6
Sea Systems					
Ships					
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other		1.0	1.0	1.0	1.0
Total		170.3	265.1	209.9	232.8

14. All Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g

(Revised 9/27/94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS		76.0	76.0	71.0	71.0
Amphibians					
Vehicles		53.9	53.9	59.7	125.9
Components		1.2	1.2	1.4	3.2
Ground Combat Vehicles					
Self Propelled					
Tanks		2.1	2.1	2.1	2.1
Towed Combat Veh		16.2	16.2	16.2	16.2
Components		.1	.1	.1	.1
Comm/Elect					
Radar		2.2	2.2	2.2	2.2
Radio Comm		3.1	3.1	3.1	3.1
Wire Comm					
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		3.3	3.3	3.3	3.3
Satellite/Space Sensors					
Automotive/Construction Equipment		82.7	127.8	82.7	82.7
Tactical Vehicles					
Tactical Vehicles		87.0	98.8	141.5	155.3
Components		.7	.9	1.2	1.4
General Purpose Items					
Ground Support Equip		2.0	29.8	26.5	39.5
Small Arms/Per Wpns		.0	.0	.0	.0
Munitions/Ordnance					
Grd Generators		2.5	9.1	8.4	10.9
Other		1.5	16.6	10.5	21.9
Sea Systems					
Ships		2.0	1.0	1.0	1.0
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other		1.0	1.0	1.0	1.0
Total		337.5	443.1	431.9	540.8

FOOTNOTE: Whenever insufficient workloads in a specified commodity exist to satisfy last source of repair capability requirements, workloads are transferred between commodities utilizing similiar skills.

Workload and Capabilities, continued

15. Unique and/or Peculiar Workloads (Refer to Question 8.1)

15.1 What amount of the workload reported in question 8.1 is Core? Provide your answer in Table 15.1 by commodity groups for the Fiscal Years requested.

Table 15.1: Unique and/or Peculiar Total Core Workload

JCSG Commodity Group	INDEX (DLH) (000)			
	FY 1996	FY 1997	FY 1998	FY 1999
Missiles				
Strategic				
Tactical/MLRS				
Amphibians				
Vehicles	125.3	124.2	125.3	125.3
Components	1.8	1.8	1.8	1.8
Ground Combat Vehicles				
Self Propelled				
Tanks	11.4	11.4	11.4	11.4
Towed Combat Veh	32.1	32.1	32.2	30.6
Components	0.1	0.1	0.1	0.7
Comm/Elect				
Radar	36.2	34.9	43.2	38.7
Radio Comm	53.5	51.9	61.2	51.9
Wire Comm	0.1	0.1	0.1	0.1
Electronic Warfare				
Navigational Aids				
Electro-Optics / NV	68.8	66.8	82.7	73.9
Satellite / Space Sensors				
Automotive / Const Equip	85.8	85.8	91.7	71.0
Tactical Vehicles				
Tactical Vehicles	188.1	171.8	190.4	196.0
Components	1.5	1.3	1.3	1.3
General Purpose Items				
Ground Support Equip				
Small Arms / Per Wpns	0.7	0.6	0.6	0.6
Munitions / Ordnance				
Grd Generators				
Other				
Sea Systems				
Ships	1.9	1.9	1.9	1.9
Weapons System				
Other Commodity				
Total	607.3	584.7	643.9	605.2

15.2 What amount of the workload reported in question 8.1 is non-Core? Provide your answer in table 15.2 by commodity group for the Fiscal Years requested.

Table 15.2: Non-Core Unique and/or Peculiar Workload

JCSG Commodity Group	INDEX (DLH) (000			
	FY 1996	FY 1997	FY 1998	FY 1999
Missiles				
Strategic				
Tactical/MLRS	47.9	47.9	44.7	44.7
Amphibians				
Vehicles	48.0	48.0	53.1	112.1
Components	0.6	0.6	0.7	1.5
Ground Combat Vehicles				
Self Propelled				
Tanks	1.4	1.4	1.4	1.4
Towed Combat Veh	6.6	6.6	6.6	6.6
Components	0.0	0.0	0.0	0.0
Comm/Elect				
Radar	2.2	2.2	2.2	2.2
Radio Comm	2.5	2.5	2.5	2.5
Wire Comm				
Electronic Warfare				
Navigational Aids				
Electro-Optics / NV	3.2	3.2	3.2	3.2
Satellite / Space Sensors				
Automotive / Const Equip	53.8	83.1	53.8	53.8
Tactical Vehicles				
Tactical Vehicles	57.4	65.2	93.4	102.5
Components	0.4	0.5	0.7	0.8
General Purpose Items				
Ground Support Equip	1.6	23.3	21.5	32.0
Small Arms / Per Wpns				
Munitions / Ordnance				
Grd Generators	1.9	6.9	6.4	8.3
Other	1.1	12.6	8.0	16.6
Sea Systems				
Ships	0.7	0.4	0.4	0.4
Weapons System				
Other Commodity	0.0	0.0	0.0	0.0
Total	229.3	304.4	298.6	388.6

Workload and Capabilities, continued

16. Scope of Work Performed

16.1 Indicate the services/functions performed at this activity that are associated with depot maintenance, but not generally classified or considered as integral to the depot maintenance functions.

Service/Function	Description
Operational Management of The Marine Corps Repair and Return Program	This service/function provides operational management and technical expertise required to repair customers equipment and components in a timeframe suitable to maintain customers combat ready posture.
Maintenance Center Special Projects	The Multi-Commodity Maintenance Centers provide prototyping, fabrication and test development for new systems and, components. They develop, design, install and test, modifications for all weapons system's for each our customers. This wide range of capabilities support military units in their combat missions.
Corrosion Control	The Corrosion Control Program enchances the readiness of combat ready equipment for West Coast, FMF units by cleaning and abating present corrosion and protecting from future corrosion, significantly extending the life of the equipment.

16.2 Describe how these services/functions are related to accomplishment of the depot maintenance mission, and the benefits of these relationships.

Service/Function	Describe Relationship and Benefit to Maintenance Mission
Operational Managementof the Marine Corps Repair and Return Program	The Multi-Commodity Maintenance center manages this program by direct interface with our customers. We provide this function to the FMF and other services. This rapid repair turn around is essential to the FMF.
Maintenance Center Special Projects	Our mission is to provide the FMF and customers the best product in a timely manner. This organization meets and exceeds this goal by having the capability to protoype, fabricate and test new weapons system. Resident expertise in combat weapons systems benefit all MPF, FMF and other services by interfacing with these customer.
Corrosion Control and CARC Paint Program	Services to the FMF for corrosion on equipment and vehicles is designed to keep equipment and vehicles in roll-on roll-off state of readiness for combat units. This maintenance center emission's fully complies with the strict California EPA emission standards for CARC painting.

Workload and Capabilities, continued

17. Interface with Customer

17.1 Indicate any special functions that the depot maintenance function performs that require close interface with customers, such as on-site workloads (e.g. technical assistance, crash/battle damage repairs, modification/upgrade installations).

Service/Function	Describe Required Interface/Relationship/Benefit
Customer Service Program	Our aggressive Customer Service Program provides our customers with a direct line of communication to resolve concerns and provide technical advice. We interface with customers through direct contact, on-site visits, surveys, and electronic mail. Our 24-Hour,Toll-Free Customer Service Number, 1-800-DMA-YERMO, ensures that concerns or requests are noted and acted upon in a timely manner, regardless of the time of day. Our Total Quality effort is an approach to management which concentrates on giving top value to our customers by building excellence into every aspect of our organization. Our focus is on the quality of every product, service, and process within our business which ultimately results in complete customer satisfaction.
Maintenance Center Repair and Return Program	The Repair and Return Program provides repair/rebuild of combat equipment used to support combat threats, in Southwest Asia. This method of repair/rebuild allows the fleet marine force the capability to deploy on a moments notice in a high state of readiness.
Maintenance Center Special Projects	Special projects require interface with the specifying customer, MARCORSYSCOM and "using customer", the FMF. Communication and visibility is the maintenance center position on special projects. Quality and cost are of primary concern and contact with the customer is ongoing continuously.
Corrosion Control and CARC Paint Program	The Corrosion Control Program enhances readiness posture of the FMF and Reserve units by maintaining ready equipment and supplies. This program requires constant interfacing with our customers to ensure customer satisfaction. Maintenance center personnel attend regularly scheduled meetings alternately between MCLB Barstow and MCB Camp Pendleton to relate progress of the program and customers concerns.

MEASURES OF MERIT

Costs [1]

18. Real Property Maintenance (RPM)

18.1 (Revised 9/27/94) What is your activity's backlog of real property maintenance for facilities performing depot maintenance as of 30 September 1993 (express in $K)?

MC3 has a maintenance backlog of $848,577. Funding was provided prior to 30 September 93 and repairs are pending.

18.2 What were your activity's annual RPM expenses (in $K) for Fiscal Years 1990-1993? Provide your answers in Table 18.2.

Table 18.2: **Real Property Maintenance Expenses**

	FY 1990	FY 1991	FY 1992	FY 1993
RPM Expenses ($K)	935	1276	1226	1603

19. Annual Operating Costs (Excludes Materials used in Depot Maintenance Workloads)

19.1 What were the total depot maintenance actual annual operating costs for your activity (AOC/$K), excluding materials, used in depot maintenance workloads for Fiscal Years 1990-1993? What was the cost per direct labor hour ($DLH) for actual executed hours reported in the DBOF? Provide your answers in Table 19.1.a.

Table 19.1: **Annual Operating Costs**

EXPENSE	FY 1990	FY 1991	FY 1992	FY 1993
AOC ($ K)	41,633	45,243	47,518	73,984
$ / DLH	43.89	49.38	50.82	47.72

20. Environmental Compliance

20.1 What were your total depot maintenance actual and programmed environmental compliance costs (expressed in $K) for Fiscal Years 1990-1997? Provide your answers in Table 20.1.

Table 20.1: Environmental Compliance Costs

COST($K)	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Actual	2.260	2.852	3.442	2.853				
Programed					2.940	1.849	1.903	1.952

[1]There are inherent differences in organizational structure and accounting systems across the Services. Consequently, cost accumulations vary considerably. This severely limits the comparability of the cost per direct labor hour ($/DLH) rates across Service lines.

Costs, continued (REVISED 9/27/94 for BRAC 95 Data Call 17)

20.2 If spending is accomplished as programmed above, what will be the remaining costs (backlog at the end of Fiscal Year 1997 expressed in $K) to bring existing facilities/equipment into environmental compliance?

The only remaining costs at the end of Fiscal Year 1997 will be recurring costs for disposal of solid waste, consumable supplies for hazardous waste management, environmental labor costs, new permit requirements, etc. These environmental costs represent compliance costs necessary to do business well into the future.

21. Local Wage Rate

21.1 What were your Department of Labor local wage rates for a WG-11, step 3 for Fiscal Years 1991 through 1994?

Table 21.1: **Wage Rate**

Wage Rate	FY 1991	FY 1992	FY 1993	FY 1994
WG-11 / Step3	$ 14.64	$ 15.25	$ 15.81	$ 16.23

22. Programmed Capital Investments

22.1 How much is programmed for new mission equipment for Fiscal Years 1996 through 1999? Provide your answer (in $K) in Table 22.1

22.2 How much is programmed for replacement equipment for Fiscal Years 1996 through 1999? Provide your answer (in $K) in Table 22.1.

Table 22.1: **Programmed Capital Investments**

TYPE		FY 1996	FY 1997	FY 1998	FY 1999
NEW MISSION	($K)				
REPLACEMENT	($K)	924.6	1,147.9	1,012.5	845.5

DATA CALL 17
MCLB BARSTOW

BRAC-95 CERTIFICATION

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

R.D. KENNEDY
NAME (Please type or print)

R. D. K
Signature

DEPUTY DIRECTOR
Title

10/20/94
Date

LP (BSWG CERT)
Division

I&L
Department

HQMC
Activity

Enclosure (1)

DATA CALL 17
MCLB BARSTOW

128

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print _____ Signature _____

Title _____ Date _____

Activity _____

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

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

NAME (Please type of print _____ Signature _____

Title _____ Date 10/20/94

BRAC-95 CERTIFICATION

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

J. A. O'Donovan
NAME (Please type or print)

Signature

Hd, Materiel Policy and Readiness Br
Title

05 OCT 1994
Date

Log Pln Pol & Strat Mob Division
Division

I&L Department
Department

HQMC
Activity

Enclosure (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)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

NAME (Please type or print) _____ Signature _____

Title _____ Date 10/7/94

This revision supersedes and replaces in total Barstow's pages 7, 9, 41 and 44 of the Joint Cross Service Group Depot Maintenance data call number 17. (Dated 9/30/94).

BRAC-95 CERTIFICATION

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

O'DONOVAN, John A.
NAME (Please type or print)

Signature

Head, Matl Pol & Read Br
Title

Date 30 Sept 94

LogPlnPol&Strat Mob Division
Division

I&L Department
Department

HQMC
Activity

Enclosure (1)

Data Call 17 Joint Service Supplement Revision MCLB Albany

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

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

J.A. BRABHAM
LIEUTENANT GENERAL, U.S. MARINE CORPS
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

NAME (Please type of print) _____ Signature _____

Title _____ Date 9/30/94

JCSG-DM
Barstow DC 14

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

Table of Contents

Replaced

Note: The Box below breaks out Defense Department Depot Maintenance and Industrial activities by Commodity Groups for further assessment. The highlighted items have been incorporated into this Data Call. If your activity performs work in any other area, please include such workload and so annotate your Data Call response.

JCSG-DM: Maintenance and Industrial Activities

Commodity Groups List

1. Aircraft Airframes:
   - Rotary
   - VSTOL
   - Fixed Wing
     - Transport / Tanker / Bomber / Command and Control
     - Light Combat
     - Admin / Training
   - Other

2. Aircraft Components
   - Dynamic Components
   - Aircraft Structures
   - Hydraulic/Pneumatic
   - Instruments
   - Landing Gear
   - Aviation Ordnance
   - Avionics/Electronics
   - APUs
   - Other

3. Engines (Gas Turbine)
   - Aircraft
   - Ship
   - Tank
   - Blades / Vanes (Type 2)

4. Missiles and Missile Components
   - Strategic
   - Tactical / MLRS

5. Amphibians
   - Vehicles
   - Components (less GTE)

6. Ground Combat Vehicles
   - Self-propelled
   - Tanks
   - Towed Combat Vehicles
   - Components (less GTE)

7. Ground and Shipboard Communications and Electronic Equipment
   - Radar
   - Radio Communications
   - Wire Communications
   - Electronic Warfare
   - Navigational Aids
   - Electro-Optics / Night Vision
   - Satellite Control / Space Sensors

8. Automotive / Construction Equipment

9. Tactical Vehicles
   - Tactical Automotive Vehicles
   - Components

10. Ground General Purpose Items
    - Ground Support Equipment (except aircraft)
    - Small Arms / Personal Weapons
    - Munitions / Ordnance
    - Ground Generators
    - Other

11. Sea Systems
    - Ships
    - Weapons Systems

12. Software
    - Tactical Systems
    - Support Equipment

13. Special Interest Items
    - Bearings Refurbishment
    - Calibration (Type I)
    - TMDE

14. Other

DATA CALL SUPPLEMENT FOR
JOINT CROSS SERVICE GROUP-DEPOT MAINTENANCE

This supplement is designed to facilitate the cross service analysis required of the 1995 Base Realignment and Closure (BRAC-95) process. It requests data in a standardized format that will be used by the Joint Cross Service Group-Depot Maintenance (JCSG-DM) to develop closure and realignment alternatives to be given to the Military Departments for their analysis and final recommendations. The JCSG-DM Data Call consists of two sections, one for capacity measurements and a second measuring "measures of merit". This Data Call has been formatted to assist the preparer in providing the required information with the minimum amount of effort. If questions arise, contact your Military Department BRAC-95 office for clarification.

Notes in the context of this data call:

1. Base your responses on workload as programmed for your activity. Unless otherwise specified, use workload mixes as programmed in the FYDP.

2. Direct Labor Hours (DLH) is the common unit of measure unless specifically noted otherwise in the question.

3. Information requested in this supplement may duplicate data requested by BRAC 95 data calls from the individual Military Departments. If this occurs, read both questions carefully to ensure that they are in fact asking for identical information, and if that is the case, transfer information from one data call to the other.

4. These questions should be passed up and down the chain of command without editing or rewriting. This standardized data call is designed to support an auditable process by having each activity (regardless of Military Department assigned) respond to the same question.

5. "Core" capability calculations are to be performed in accordance with Office of the Under Secretary of Defense (Logistics) Memorandum dated November 15, 1991 (Subject: Policy for Maintaining Core Depot Maintenance Capability).

6. Capacity and utilization index calculations will be performed in accordance with the Defense Depot Maintenance Council approved update to DoD 4151.15H (Depot Maintenance Capacity/Utilization Index Measurement) dated December 5, 1990.

7. All calculations will assume a one shift, 40 hour work week.

8. Workload, capabilities, and capacities will be measured by commodity groups. A detailed breakout of the JCSG-DM commodity groups is contained in the following box. Insert the commodity groups applicable to your depot maintenance activity into the

tables whenever a specific break out is requested by the question. Individual Military Departments in their Service specific data calls, may measure data in different commodity groups or categories, but for the Joint Cross Service analysis, these commodity groups must be utilized.

9. Data will be amounts as of the end of the applicable fiscal year.

JOINT CROSS SERVICE - DEPOT MAINTENANCE

Commodity Groups List

1. Aircraft Airframes:
   a. Rotary
   b. VSTOL
   c. Fixed Wing
      (1) Transport / Tanker / Bomber /
      (2) Command and Control
      (3) Light Combat
      (4) Admin / Training
   d. Other

2. Aircraft Components
   Dynamic Components
   Aircraft Structures
   Hydraulic/Pneumatic
   Instruments
   Landing Gear
   Aviation Ordnance
   Avionics/Electronics
   APUs
   Other

3. Engines (Gas Turbine)
   Aircraft
   Ship
   Tank
   Blades / Vanes (Type 2)

4. Missiles and Missile Components
   Strategic
   Tactical / MLRS

5. Amphibians
   Vehicles
   Components (less GTE)

6. Ground Combat Vehicles
   Self-propelled
   Tanks
   Towed Combat Vehicles
   Components (less GTE)

7. Ground and Shipboard Communications and Electronic Equipment
   Radar
   Radio Communications
   Wire Communications
   Electronic Warfare
   Navigational Aids
   Electro-Optics / Night Vision
   Satellite Control / Space Sensors

8. Automotive / Construction Equipment

9. Tactical Vehicles
   Tactical Automotive Vehicles
   Components

10. Ground General Purpose Items
    Ground Support Equipment (except aircraft)
    Small Arms / Personal Weapons
    Munitions / Ordnance
    Ground Generators
    Other

11. Sea Systems
    Ships
    Weapons Systems

12. Software
    Tactical Systems
    Support Equipment

13. Special Interest Items
    Bearings Refurbishment
    Calibration (Type I)
    TMDE

14. Other

Table of Acronyms

$/DLH	Cost per Direct Labor Hour
$K	Thousands of Dollars
ADMIN	Administrative; administration
AICUZ	Air Installations Compatible Use Zone
AOC$	Annual Operating Cost (dollars)
CCN	Category Code Number
DBOF	Defense Business Operating Fund
DLH	Direct Labor Hour
DoD	Department of Defense
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FY	Fiscal Year
FYDP	Future Year Defense Plan
GTE	Gas Turbine Engines
HERF	Hazardous Electronic Radiation - Fuels
HERO	Hazardous Electronic Radiation - Ordnance
HERP	Hazardous Electronic Radiation - Personnel
JCSG-DM	Joint Cross Service Group - Depot Maintenance
KSF	Thousands of Square Feet
PRV	Plant Replacement Value
R&D	Research and Development
RPM	Real Property Maintenance
SF	Square Feet
WG	Wage Grade

Activity: M62204

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

CAPACITY

1. Capacity Utilization

1.1 Calculate the capacity index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed in direct labor hours (DLHs) in Table 1.1.a by commodity groups for the Fiscal Years requested.

Table 1.1.a: **Capacity Index** See Revised Table

COMMODITY GROUP	INDEX (DLHs) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles	139.3	37.1	30.0	28.7	27.4
Amphibians	327.7	354.7	330.4	314.9	301.2
Combat Vehicles	99.0	34.8	32.5	30.9	29.5
Ships	4.4	6.0	5.2	4.8	4.4
Tactical Vehicles	239.9	412.8	415.0	452.6	500.4
Construction Equipment	21.9	7.4	50.0	47.4	23.2
Electronics and Communications	141.3	153.4	138.0	126.5	119.3
Ordnance	33.1	18.4	17.0	14.7	12.6
General Purpose	32.6	15.5	14.4	12.2	14.9
Other	5.8	4.9	4.5	4.3	4.1
Total	1,045.0	1,045.0	1,037.0	1,037.0	1,037.0

1.1a Footnote

The Marine Corps does not maintain a broad maintenance Float Inventory. Therefore, immediate accessible support to the Fleet Marine Force is essential. Our multi-commodity maintenance center provides this critical support. We repair/rebuild combat weapons systems in a rapid one stop equipment processing point. This allows the Fleet Marine Force a high posture of readiness with minimal down time. The ability to provide on-site repair teams to our customers is an asset to readiness.

This multi-commodity center also provides interservicing for the Army, Air Force, Coast Guards, DEA and others. Our maintenance capability, flexibility, and multi-commodity trained workforce is

paramount in maintaining fleet marine force readiness for the West Coast.

Activity: M62204

Capacity Index
(Core Supplemental)
Table 1.1.a

JCSG Commodity Group	INDEX (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS		29.5	20.8	15.9	14.4
Amphibians					
Vehicles		183.6	190.9	182.6	189.0
Components		5.3	4.7	5.3	5.0
Ground Combat Vehicles					
Self Propelled					
Tanks		20.7	20.0	22.0	19.0
Towed Combat Veh		88.0	90.0	90.3	88.7
Components		0.5	0.5	0.5	2.0
Comm/Elect					
Radar		53.9	47.6	46.4	47.1
Radio Comm		91.9	78.2	74.9	70.8
Wire Comm		0.1	0.1	0.1	0.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		72.1	74.7	91.7	86.5
Satellite/Space Sensors					
Automotive/Construction Equipment		160.9	163.5	174.5	153.2
Tactical Vehicles					
Tactical Vehicles		303.6	311.3	304.6	332.7
Components		2.7	3.0	2.6	2.7
General Purpose Items					
Ground Support Equip		10.8	10.1	4.5	4.8
Small Arms/Per Wpns		3.5	2.9	2.4	2.9
Munitions/Ordnance		0.2	0.2	0.2	0.2
Grd Generators		0.6	0.9	1.8	1.7
Other		5.0	6.5	5.9	5.9
Sea Systems					
Ships		6.0	5.2	5.3	5.4
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other		6.1	5.9	5.5	4.9
Total		1045.0	1037.0	1037.0	1037.0

NOTE: See Introduction on Page 5a.

Activity: M62204

Utilization Index
(Core Supplemental)
Table 1.2.a

JCSG Commodity Group	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles		77	73	77	74
Components		72	81	72	76
Ground Combat Vehicles					
Self Propelled					
Tanks		81	84	77	88
Towed Combat Veh		89	87	87	84
Components		80	80	80	90
Comm/Elect					
Radar		72	79	100	88
Radio Comm		71	81	100	89
Wire Comm		100	100	100	100
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		98	92	93	88
Satellite/Space Sensors					
Automotive/Construction Equipment		82	81	81	71
Tactical Vehicles					
Tactical Vehicles		94	84	95	89
Components		96	80	93	89
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns		83	83	100	86
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships		83	96	94	93
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other		25	41	20	18
Total		81	78	86	81

NOTE: See Introduction on Page 5a.

Capacity Index
Table 1.1.a

Barstow
UIC: M62204

Revised Table

JCSG Commodity Group	INDEX (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	139.3	37.2	30.0	28.7	27.4
Amphibians					
Vehicles	283.2	336.3	312.9	297.0	284.0
Components	44.0	18.4	17.7	17.9	17.0
Ground Combat Vehicles					
Self Propelled					
Tanks	76.7	23.7	22.0	20.9	20.0
Towed Combat Veh	28.9	16.9	15.6	13.3	11.9
Components	22.5	12.2	11.5	10.6	9.8
Comm/Elect					
Radar	53.7	32.0	30.0	28.4	27.1
Radio Comm	46.0	80.4	69.4	61.9	57.9
Wire Comm	38.6	31.9	29.6	28.2	27.0
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		7.7	7.2	6.8	6.5
Satellite/Space Sensors					
Automotive/Construction Equipment	21.9	7.4	50.0	47.5	23.2
Tactical Vehicles					
Tactical Vehicles	235.0	407.7	410.9	448.8	496.7
Components	4.8	4.7	4.0	3.9	3.7
General Purpose Items					
Ground Support Equip	29.6	10.8	10.1	9.5	12.5
Small Arms/Per Wpns	4.2	.5	.4	.4	.4
Munitions/Ordnance	.1	.2	.2	.2	.2
Grd Generators	2.0	2.1	1.9	1.8	1.7
Other	1.0	2.8	2.1	.9	.7
Sea Systems					
Ships	4.5	6.0	5.2	4.8	4.4
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	9.0	6.1	5.9	5.5	4.9
Total	1045.0	1045.0	1037.0	1037.0	1037.0

• NORMAL CAPACITY BASED ON DOD HANDBOOK 4151.15A

1 6A

Activity: M62204

1. Capacity Utilization, continued

1.2 Calculate the utilization index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed as a percentage (%) in Table 1.2.a by commodity groups for the Fiscal Years requested.

Table 1.2.a: **Utilization Index** See Revised Table

COMMODITY GROUP	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles	15.1	3.8	3.3	3.3	3.3
Amphibians	35.5	36.1	36.5	36.6	36.6
Combat Vehicles	10.7	3.6	3.6	3.6	3.6
Ships	.5	.6	.5	.6	.5
Tactical Vehicles	26.0	42.0	45.8	52.6	61.0
Construction Equipment	2.4	.8	5.5	5.6	2.8
Electronics and Communications	15.3	15.6	15.2	14.7	14.5
Ordnance	3.6	1.9	1.9	1.7	1.5
General Purpose	3.5	1.6	1.6	1.4	1.8
Other	.6	.5	.5	.5	.5
Total	113.2	106.5	114.4	120.6	126.1

132 D217

UIC: M62204

Barstow

Revised Table

Barstow Tbl 1.2.a Utilization Index
(DoD Capacity Handbook)

	FY95	FY96	FY97	FY98	FY99
Missiles	115%	118%	130%	136%	[illegible]
Amphibian					
Veh	115%	109%	117%	124%	[illegible]
Com	115%	134%	142%	149%	[illegible]
GCV					
Tanks	115%	115%	124%	130%	136%
Tow	114%	111%	120%	127%	133%
Comp	115%	121%	130%	141%	152%
C/E					
Radar	114%	108%	116%	122%	128%
Radio	115%	108%	116%	123%	128%
Wire	115%	115%	123%	129%	135%
EO/NV	0%	106%	114%	121%	126%
ACE	115%	155%	122%	128%	141%
TV					
TV	115%	114%	122%	127%	132%
Comp	110%	109%	120%	123%	130%
GPI					
GSE	108%	90%	96%	102%	90%
SA	114%	120%	150%	150%	150%
M/O	100%	100%	100%	100%	100%
Gen	115%	138%	153%	161%	171%
Other	310%	204%	228%	433%	914%
Sea	111%	107%	115%	121%	127%
Other	117%	195%	205%	218%	235%
Total	115%	113%	121%	127%	133%

1 of 5A

Note: With no constraints on funding, additional personnel can be hired to be ava lable when the workforce is on leave, training, etc. Therefore, instead of using 1,615 hours per workplace, a higher utilization (1,800 hours) can be used thus allowing more to be performed than the capacity index calculated by the handbook method. This allows the Maintenance Center to approach the physical capacity index addressed in the DoD Capacity Handbook, which is based on 2,080 hours.

JUSTIFICATION OUT OF HANDBOOK FOR USING 1800 VICE 1615!
-NO CONSTRAINTS ON HIRING ASSUMED!

1. Capacity Utilization, continued

1.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, with no significant investment in capital equipment; and (c) no major Military Construction additional to that already approved and funded: what is the maximum extent to which operations, by commodity group, could be expanded for depot maintenance work at your activity, based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of direct labor hours (DLHs).

Dec Revised Table

Table 1.3.a: **Maximum Potential Capacity**

COMMODITY GROUP	INDEX (DLHs) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles	139.3	37.1	30.0	28.7	27.4
Amphibians	327.7	354.7	330.4	314.9	301.2
Combat Vehicles	99.0	34.8	32.5	30.9	29.5
Ships	4.4	6.0	5.2	4.8	4.4
Tactical Vehicles	239.9	412.8	415.0	452.6	500.4
Construction Equipment	21.9	7.4	50.0	47.4	23.2
Electronics and Communications	141.3	153.4	138.0	126.5	119.3
Ordnance	33.1	18.4	17.0	14.7	12.6
General Purpose	32.6	15.5	14.4	12.2	14.9
Other	5.8	4.9	4.5	4.3	4.1
Total	1,045.0	1,045.0	1,037.0	1,037.0	1,037.0

Maximum Potential Capacity - 1800

Revised Table

Table 1.3.a

Barstow

Activity: M62204

JCSG Commodity Group	INDEX (DLHs) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	181.3	49.6	49.6	49.6	49.6
Amphibians					
Vehicles	430.4	450.2	449.8	447.9	447.9
Components	67.2	30.3	30.8	32.6	32.6
Ground Combat Vehicles					
Self Propelled					
Tanks	141.6	50.9	49.7	49.7	49.7
Towed Combat Veh	50.5	54.9	54.9	54.4	54.0
Components	41.6	28.6	28.2	28.5	28.7
Comm/Elect					
Radar	74.7	40.7	42.4	43.6	44.2
Radio Comm	64.7	102.3	98.4	95.4	94.6
Wire Comm	54.2	43.1	44.5	45.9	46.5
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		9.7	10.0	10.3	10.4
Satellite/Space Sensors					
Automotive/Construction Equipment	49.6	70.1	71.8	71.8	71.8
Tactical Vehicles					
Tactical Vehicles	335.4	566.6	558.9	559.6	560.2
Components	6.6	6.2	5.4	4.7	4.1
General Purpose Items					
Ground Support Equip	36.6	20.8	20.8	23.1	21.6
Small Arms/Per Wpns	7.3	1.8	1.8	1.9	2.1
Munitions/Ordnance	.2	.6	.6	.6	.7
Grd Generators	2.6	6.2	6.2	6.9	5.5
Other	3.5	12.3	12.3	9.3	12.2
Sea Systems					
Ships	10.3	10.3	10.3	10.3	10.3
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	13.2	16.3	16.6	16.9	16.3
Total	1571.5	1571.5	1563.0	1561.0	1563.0

Note: With no constraints on funding, additional personnel can be hired to be available when the workforce is on leave, training, etc. Therefore, instead of using 1,615 hours per workplace, a higher utilization (1,800 hours) can be used thus allowing more to be performed than the capacity index calculated by the handbook method. This allows the Maintenance Center to approach the physical capacity index addressed in the DoD Capacity Handbook, which is based on 2,080 hours.

CAPACITY

2. Plant Replacement Value

2.1 What is the estimated Plant Replacement Value (PRV) as of the end of each Fiscal Year of your depot maintenance activity expressed in thousands of dollars ($K) as a function of the facilities and equipment? Provide your answer in Table 2.1.

Table 2.1: **Expenditures and Equipment Values**

PRV	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Facilities	141,451	147,166	152,524	158,240	163,240
Equipments	230,788	240,113	248,856	258,180	266,340
TOTAL	372,239	387,279	401,380	416,420	429,580

3. Programmed Workload

3.1 Given the current configuration and operation of your activity, provide the programmed depot level workload by commodity group in Tables 3.1.a and 3.1.b. Express your answer in both dollars ($K) and direct labor hours (DLH) for the Fiscal Years requested.

Table 3.1.a: **Programmed Workload** See Revised Table

COMMODITY GROUP	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles	9,947	2,700.5	2,488.4	2,488.4	2,351.0
Amphibians	26,868	28,554.8	28,554.8	28,554.8	28,554.8
Combat Vehicles	7,328	5,569.6	6,171.4	5,670.1	3,067.6
Ships	298	1,308.4	1,229.7	1,179.1	1,138.3
Tactical Vehicles	16,494	28,830.8	31,119.6	35,610.4	41,270.2
Construction Equipment	1,763	4,901.3	8,382.1	8,344.2	1,904.8
Electronics and Communications	9,720	4,346.0	4,367.7	4,229.0	4,229.0
Ordnance	2,881	3,047.4	3,055.0	3,035.2	2,124.4
General Purpose	2,441	1,025.3	1,025.3	903.6	873.1
Other	465	237.1	237.1	237.1	237.1
Total	78,205.0	80,521.2	86,631.1	90,251.9	85,750.3

Activity: M62204

Table 1.3.a: Maximum Potential Capacity Core Supplemental)

JCSG Commodity Group	INDEX (ILHs) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	100.9	100.9	94.1	83.8	78.7
Amphibians					
Vehicles	256.5	256.5	241.1	236.0	302.7
Components	6.8	6.8	5.2	6.9	8.6
Ground Combat Vehicles					
Self Propelled					
Tanks	25.7	25.7	22.2	22.2	22.2
Towed Combat Veh	125.8	125.8	119.0	113.8	101.9
Components	0.7	0.7	0.7	0.7	2.4
Comm/Elect					
Radar	56.3	56.3	49.6	58.0	49.6
Radio Comm	92.3	92.3	83.7	92.4	76.8
Wire Comm	0.1	0.1	0.1	0.1	0.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	99.2	99.2	90.7	104.3	92.3
Satellite/Space Sensors					
Automotive/Construction Equipment	278.8	278.8	323.2	265.1	217.2
Tactical Vehicles					
Tactical Vehicles	484.0	484.0	444.6	506.2	507.9
Components	3.5	3.5	3.4	5.1	5.1
General Purpose Items					
Ground Support Equip	10.8	10.8	35.6	30.5	44.2
Small Arms/Per Wpns	5.7	5.7	3.4	3.4	3.4
Munitions/Ordnance	0.4	0.4	0.3	0.3	0.3
Grd Generators	3.4	3.4	12.0	8.6	12.0
Other	5.2	5.2	20.5	12.0	25.7
Sea Systems					
Ships	8.6	8.6	6.8	6.8	6.8
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	6.8	6.8	6.8	6.8	5.1
Total	1571.5	1571.5	1563.0	1563.0	1563.0

Programmed Workload (TTL W/L)
Table 3.1.a

Barstow
UIC: M62204

Activity: M62204

Revised Table

JCSG Commodity Group	$K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	10251	2701	2488	2488	2351
Amphibians					
Vehicles	24663	26755	26727	26619	26619
Components	3850	1800	1827	1936	1936
Ground Combat Vehicles					
Self Propelled					
Tanks	5862	3686	4074	3743	2025
Towed Combat Veh	2620	2795	2801	2758	1918
Components	1722	2018	2232	2074	1151
Comm/Elect					
Radar	3785	870	912	906	918
Radio Comm	3277	2186	2112	1983	1966
Wire Comm	2749	921	955	953	966
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		206	215	214	217
Satellite/Space Sensors					
Automotive/Construction Equipment	1896	4901	8382	8344	1905
Tactical Vehicles					
Tactical Vehicles	17285	28518	30824	35314	40971
Components	340	313	296	297	300
General Purpose Items					
Ground Suppon Equip	2175	543	543	531	479
Small Arms/Per Wpns	381	89	90	98	73
Munitions/Ordnance	8	30	30	33	24
Grd Generators	156	162	162	159	123
Other	211	319	319	214	271
Sea Systems					
Ships	222	1308	1230	1179	1138
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	760	400	412	409	399
Total	82213	80521	86631	90252	85750

Activity: M62204

CAPACITY

3. Programmed Workload, continued

See Revised Table

Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLH (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles	157.5	39.5	34.6	34.6	34.6
Amphibians	370.5	377.7	378.0	379.7	379.7
Combat Vehicles	112.0	37.1	37.2	37.2	37.2
Ships	5.0	6.4	6.0	5.8	5.6
Tactical Vehicles	271.3	439.6	474.7	545.7	630.9
Construction Equipment	24.8	7.9	57.2	57.2	29.2
Electronics and Communications	159.8	163.3	157.4	152.5	150.4
Ordnance	37.4	19.6	19.5	17.7	15.9
General Purpose	36.9	16.5	16.5	14.7	18.8
Other	6.6	5.2	5.2	5.2	5.2
Total	1,181.8	1,112.8	1,186.3	1,250.3	1,307.5

Programmed Workload (TTL W/L)
Table 3.1.b

Barstow
Activity: M62204 UIC: M62204

Revised Table

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	159.6	44.0	39.1	39.1	39.1
Amphibians					
Vehicles	324.8	367.1	367.1	367.1	367.1
Components	50.7	24.7	25.1	26.7	26.7
Ground Combat Vehicles					
Self Propelled					
Tanks	87.9	27.2	27.2	27.2	27.2
Towed Combat Veh	33.0	18.8	18.7	16.9	15.8
Components	25.8	14.8	14.9	14.9	14.9
Comm/Elect					
Radar	61.0	34.6	34.8	34.7	34.7
Radio Comm	52.8	86.9	80.7	75.9	74.3
Wire Comm	44.3	36.6	36.5	36.5	36.5
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		8.2	8.2	8.2	8.2
Satellite/Space Sensors					
Automotive/Construction Equipment	25.1	11.5	60.8	60.8	32.8
Tactical Vehicles					
Tactical Vehicles	269.7	464.6	500.0	571.0	656.2
Components	5.3	5.1	4.8	4.8	4.8
General Purpose Items					
Ground Support Equip	32.0	9.7	9.7	9.7	11.3
Small Arms/Per Wpns	4.8	.6	.6	.6	.6
Munitions/Ordnance	.1	.2	.2	.2	.2
Grd Generators	2.3	2.9	2.9	2.9	2.9
Other	3.1	5.7	5.7	3.9	6.4
Sea Systems					
Ships*	5.0	6.4	6.0	5.8	5.6
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	10.5	11.9	12.1	12.0	11.5
Total	1197.8	1181.5	1255.1	1318.9	1376.8

* Represents Propulsion Unit (Paxman)

Activity: M62204

Table 3.1.b: Programmed Workload (CORE SUPPLEMENTAL)

(REVISED 10-17-94)

JCSG Commodity Group	(DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	76.0	76.0	76.0	71.0	71.0
Amphibians					
Vehicles	194.7	194.7	193.4	200.5	266.7
Components	5.0	5.0	5.0	5.2	7.0
Ground Combat Vehicles					
Self Propelled					
Tanks	18.9	18.9	18.9	18.9	18.9
Towed Combat Veh	94.4	94.4	94.6	94.7	90.9
Components	.5	.5	.5	.5	1.9
Comm/Elect					
Radar	40.9	40.9	39.5	48.4	43.6
Radio Comm	68.4	68.4	66.4	77.7	66.4
Wire Comm	.1	.1	.1	.1	.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	74.2	74.2	72.2	88.6	79.5
Satellite/Space Sensors					
Automotive/Construction Equipment	214.7	214.7	259.8	223.8	192.0
Tactical Vehicles					
Tactical Vehicles	372.0	372.0	359.1	430.0	452.3
Components	3.3	3.3	3.3	3.6	3.8
General Purpose Items					
Ground Support Equip	2.0	2.0	29.8	26.5	39.5
Small Arms/Per Wpns	2.9	2.9	2.4	2.4	2.5
Munitions/Ordnance			9.1	8.4	10.9
Grd Generators	2.5	2.5	16.6	10.5	21.9
Other	1.5	1.5			
Sea Systems					
Ships*	7.0	7.0	6.0	6.0	6.0
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	2.5	2.5	3.4	2.1	1.9
Total	1181.5	1181.5	1256.1	1318.9	1376.8

Capacity Index
(Core Supplemental)
Table 1.1.a

JCSG Commodity Group	INDEX (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS	29.5	29.5	20.8	15.9	14.4
Amphibians					
Vehicles	183.6	183.6	190.9	182.6	189.0
Components	5.3	5.3	4.7	5.3	5.0
Ground Combat Vehicles					
Self Propelled					
Tanks	20.7	20.7	20.0	22.0	19.0
Towed Combat Veh	88.0	88.0	90.0	90.3	88.7
Components	0.5	0.5	0.5	0.5	2.0
Comm/Elect					
Radar	53.9	53.9	47.6	46.4	47.1
Radio Comm	91.9	91.9	78.2	74.9	70.8
Wire Comm	0.1	0.1	0.1	0.1	0.1
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	72.1	72.1	74.7	91.7	86.5
Satellite/Space Sensors					
Automotive/Construction Equipment	160.9	160.9	163.5	174.5	153.2
Tactical Vehicles					
Tactical Vehicles	303.6	303.6	311.3	304.6	332.7
Components	2.7	2.7	3.0	2.6	2.7
General Purpose Items					
Ground Support Equip	10.8	10.8	10.1	4.5	4.8
Small Arms/Per Wpns	3.5	3.5	2.9	2.4	2.9
Munitions/Ordnance	0.2	0.2	0.2	0.2	0.2
Grd Generators	0.6	0.6	0.9	1.8	1.7
Other	5.0	5.0	6.5	5.9	5.9
Sea Systems					
Ships	6.0	6.0	5.2	5.3	5.4
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	6.1	6.1	5.9	5.5	4.9
Total	1045.0	1045.0	1037.0	1037.0	1037.0

NOTE: See Introduction on Page 5a.

Utilization Index
(Core Supplemental)
Table 1.2.a

JCSG Commodity Group	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	77	77	73	77	74
Components	72	72	81	72	76
Ground Combat Vehicles					
Self Propelled					
Tanks	81	81	84	77	88
Towed Combat Veh	89	89	87	87	84
Components	80	80	80	80	90
Comm/Elect					
Radar	72	72	79	100	88
Radio Comm	71	71	81	100	89
Wire Comm	100	100	100	100	100
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	98	98	92	93	88
Satellite/Space Sensors					
Automotive/Construction Equipment	82	82	81	81	71
Tactical Vehicles					
Tactical Vehicles	94	94	84	95	89
Components	96	96	80	93	89
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns	83	83	83	100	86
Munitions/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships	83	83	96	94	93
Weapons System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other	25	25	41	20	18
Total	81	81	78	86	81

NOTE: See Introduction on Page 5a.

CAPACITY

4. Service Centers of Excellence

4.1 If your activity has been designated as a Service Center of Excellence for any of the commodity groups, please identify them below.

4. Centers of Excellence

The Barstow, California and Albany, Georgia Multi-Commodity Maintenance Centers are singularly unique in the DoD. The multi-commodity maintenance concept is much different from the "Center of Excellence" in many of our sister services. Their major components may or may not be worked at the same location as the end item. However, within each Marine Corps Multi-Commodity Maintenance Center is a "one stop process" where we work the entire item, including components. We perform these maintenance services - not on a single commodity, but on **ALL** ground combat and combat support equipment used by the Marine Corps. In addition, one of the most unique essential processes of the Maintenance Centers is our amphibious capability. We rigorously and thoroughly test each vehicle upon completion using both the test track, test pond, and when applicable, test fire range facilities. We are a facility, manned to do this with a work force in which over 80 percent are cross-trained to work in more than one commodity area. Also unlike other services, we do not maintain extensive maintenance float inventories, so most of our items in for maintenance are returned directly to the operating forces. The multi-commodity maintenance approach improves readiness, reduces inventory requirements, and generates substantial transportation savings.

The Commander of the Marine Corps Logistics Bases (MARCORLOGBASES) is directly responsible to the Commandant of the Marine Corps for Ground Depot Maintenance for the Maritime Prepositioned Force (MPF) Program, the Marine Corps' single inventory control point for wholesale supply, and the provisioning, readiness, and sustainment of all ground combat and combat support equipment. With this direct line of communication and diverse work force,the workload in either Maintenance Center can be adjusted literally overnight to meet the mission-critical requirements of national security or power projection. The multi-commodity maintenance concept works--it is responsive to the Marine Corps' requirements, it is paid for with less than one percent of the total DoD dollars dedicated to depot maintenance, and it is an integral part of our Nation's 9-1-1 Force-in-Readiness.

MEASURES OF MERIT

Geographic

1. Location

1.1 Specify any special strategic importance or military value consideration of your activity accruing from its geographical location.

Activity	Location	Description of Strategic Importance/ Military Value
Marine Corps Multi-Commodity Maintenance Center, MCLB Barstow, CA	The Maintenance Center is located 7 miles east of Barstow, CA. It is strategically located in Southern California to provide our customers, fast and efficient services. Nellis AFB is 150 miles to the east, NTC Fort Irwin and China Lake are 35 miles and 73 miles respectively to the north, MCAGCC 29-Palms is 93 miles to the south, 1 MEF Camp Pendleton is 150 miles to the west, and 1 MEB Hawaii and 3 MEF Okinawa in the Pacific. Major seaports at Los Angeles (135 miles), Long Beach (120 miles) and San Diego (181 miles) to the west make MCLB Barstow the Hub for depot maintenance repairs in the Western Theater. The Maintenance Center is within 3 miles of two major Interstate Highways, I-15 and I-40 and a major California Highway 58. Also another major Interstate Highway, I-10 is within 80 miles of the center. Unique to the center is the largest and busiest railhead in the DoD, feeding two major computerized switching yards, the Santa Fe and the Union Pacific. Barstow/Daggett Airport is located two miles from MCLB, and provides services for military air shipments. The airport is capable of handling all military and civilian aircraft. A 30 million dollar expansion has been approved that will lengthen the existing 6,000 ft. runway to 10,000 ft. Low transportation costs	The Barstow Multi-Commodity Maintenance Center with its sister maintenance center in Albany, GA., are singularly unique in the DoD. Multi-commodity maintenance centers are "one stop shopping" maintenance processing centers. Barstow serves the Western United States and Pacific Theater of operations. The Marine Corps need for rapid response to weapons systems readiness is fulfilled by easy access to the multi-commodity maintenance center. This Multi-commodity Maintenance Center is essential in reconstituting the MPF ships by providing repair/rebuild of ground combat and air control systems and equipment. The Barstow Multi-commodity Maintenance Center is ideally located in the High-Desert with a dry, mild temperate climate providing for excellent outside storage and working conditions. Work can be performed outside consistently 365 days a year. The Logistics Base provides supplies and equipment to military units worldwide on a continual, rotational basis. The base logistics support is essential in counteracting global threats. The Multi-commodity Maintenance Center has a work force that is 80 percent cross-trained to repair weapons systems and their components (multi-commodity) allowing flexibility to implement rapid changes whenever FMF requirements dictate an adjustment in workload. This Multi-commodity Maintenance Center work force can be adjusted quickly to meet the mission essential requirements of customers worldwide involved in any conflict. During FY-92 Barstow Multi-commodity Maintenance Center responded to 1,201 FMF required changes involving 6,386 assets, and in FY-93, 702 customer required changes involving 13,791 assets. This repair capability, strategic location, and flexibility has proven MCLB Barstow's superior value to our ultimate customer-the Marines in the field.

Geographic, continued

2. Environmental Compliance

Answers to the following questions need to reflect the particular workloads or processes affected by the environmental restrictions/compliance.

2.1 Is your activity in full compliance with all Federal, state, and local environmental regulations? If not in full compliance, provide a comprehensive list of individual regulations that require actions to be taken. What compliance waivers have been granted? When must the activity come into compliance?

We are in compliance with all regulations except as wavered below:

Type	Regulation	Wavier(Date Expires)	Date Must be in Compliance
Air	42 USC 7401 40 CFR 50,60 Rule 219 (c)(8) CA Air Res Bd	See Below	N/A

Volatile Organic Compound (VOC) emissions from the MC3 paint booths have historically exceeded at times the former San Bernardino Air Pollution Control District limits, now known as the Mojave Desert Air Pollution Control District limits. Although the APCD had been concerned over the emissions exceedances, the award of the Strategic Environmental Research and Development Program funding for a UV-Oxidation Air Pollution Control System prompted the MDAPCD to agree to allow the MC3 paint operation continue as a Best Available Control Technology (BACT) effort. This wavier is an implicit wavier that is embodied in the decision by the MDAPCD not to require a permit to proceed with the initiative. Rule 219, CARB, states that a permit is not required for "bench scale experiments or research operations and equipment used exclusively for ..... research to advance air pollution control knowledge". By citing this regulation as the justification for not requiring a permit, an implicit wavier was granted. The installation and operation of the UV-oxidation air pollution control system places MC3 in compliance on emissions from painting operations. A major player in the SERDP scenario has been the EPA office, Research Triangle Park, North Carolina. Their contribution to the project has involved redesign of the MC3 paint booths to accommodate a split-level recirculation concept. It is the charter of the EPA to work with an organization in such a way that the organization will come into compliance with the Federal Clean Air Act Amendments and a technology transfer will be achieved which will be available to all industry in their quest to meet the CAAA regulations.

2.2 Has any actual or programmed work at this installation been restricted or delayed because of environmental considerations, such as air or water quality? If so, provide the details of the impact of the restrictions or delays.

Programmed Work	Restriction/Delay	Describe Impact

There have been no restrictions or delays to actual or programmed

work due to environmental issues. Earlier VOC capture programs had been initiated and the APCD office was monitoring the progress. With the award of the SERDP funding, the APCD became a willing participant in order to expedite the program and to support a major endeaver in the district on air pollution control that would demonstrate state-of-the-art technology.

Geographic, continued

3. Environmental Restrictions

Answers to the following questions need to reflect the particular workloads or processes affected by the environmental restrictions/compliance.

3.1 Are there any special programs relating to environmental or industrial waste considerations for your activity? If so, provide the details.

3.1 Yes

Special Program	Env/Indust Waste	Describe
Industrial Waste Treatment and Recycling Plant designed for 1100 ft^2 design recycling of water stream.	Waste Water	Treatment plant for avg 25,000 gpd, admin facility, 200 ft^2 chemical storage; feature for industrial waste
UV-Oxidation Air destruction unit, Pollution Control efficiency System booth	Volatile Organic Compounds, Hazardous Air Pollutants	A VOC/HAP 95% destruction for spray paint emissions.
Hazardous Material management Management System (HMMS) that receipt/issue of material in establishes running issue Mat Safety provides ready environmental	Hazardous Mat'l Tracking	An automated information system tracks the all hazardous maintenance, inventories, limits quantities, issues Data Sheets, access for reporting.

Hazardous Material Storage Facility	Increased Control and Storage of Hazardous Material	A facility to store hazardous material in accordance with EPA and OSHA regulations.
Hazardous Waste Minimization	Alternative Products and Process	Jet Spray parts washers replacing vapor degreasers, plastic media blasting replacing chemical strip, antifreeze recycling, waste barrel reuse, diesel fuel recycling, steam bay water recycling.

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

3.2

Type	Provisions	Description
Hazardous Waste	40 CFR 260-282	Regulation promulgated to address solid waste disposal problems,
	42 U.S.C 6901 Resource Conservation and Recovery Act (RCRA)	i.e., solid, liquid, semi-solid or contained gaseous material.
Hazardous Waste	49 CFR 171-177 (Dept of Transportation)	Compilation of regulations relating to transport of hazardous material/ hazardous waste.

Geographic, continued

3. Environmental Restrictions, continued

Hazardous Waste State	Title 22, California Hazardous Waste Management	Compilation of toxics regulations issued by (CCRs).

4. Other Collocated Activities

4.1 Are there any collocated activities that directly benefit or relate to the depot maintenance activity? If yes, list and describe the impact of each. Include benefits derived from being collocated.

Collocated Activity	Benefit/Relationship/Impact
Defense Reutilization Marketing Office	Disposal or reutilization of equipment and material
Fleet Support Division (FSD)	Marine Corps' Storage and Distribution and Publications
Human Resources Office	Personnel Actions, Staffing, Classification, and EEO Programs
Information Resources Management Directorate (IRMD)	Mainframe Computer Support and Personal Computer Maintenance
Contracting Office	Administrate procurement process
Communications Office	Support for telephone service, radio maintenance, and related equipment
Defense Logistics Agency	Storage and Distribution
Base Property Office	Accountability of assets greater than $25K
Base Safety Office	Support for the Safety Program
Facilities and Services Division (F&S):	
Motor Transportation Office (GME)	Maintenance and operation of transportation equipment
Utilities	Cost of utilities, potable water, sewage, gas, and steam
Hazardous Waste Disposal	Disposal of hazardous waste material
Maintenance: Building, Equipment, Tools, Preventive	Maintenance of buildings, equipment, and tools
Engineering Equipment	Provide use of engineering equipment
Minor Construction	Design, engineering, and construction of non-capitalized Minor Construction Projects

Geographic, continued

4. Other Collocated Activities, continued

4.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

Collocated Activity	Describe Relationship
Defense Reutilization Marketing Office	Supports Depot Maintenance Activity
Fleet Support Division (FSD)	Supports Depot Maintenance Activity
Human Resources Office	Supports Depot Maintenance Activity
Information Resources Management Directorate (IRMD)	Supports Depot Maintenance Activity
Contracting Office	Supports Depot Maintenance Activity
Communications Office	Supports Depot Maintenance Activity
Defense Logistics Agency	Supports Depot Maintenance Activity
Facilities and Services Division (F&S)	Supports Depot Maintenance Activity
Base Safety Office	Supports Depot Maintenance Activity
Base Property Office	Supports Depot Maintenance Activity
Motor Transportation Office (GME)	Supports Depot Maintenance Activity
Utilities	Supports Depot Maintenance Activity
Hazardous Waste Disposal	Supports Depot Maintenance Activity
Maintenance: Building, Equipment, Tools, Preventive	Supports Depot Maintenance Activity
Engineering Equipment	Supports Depot Maintenance Activity
Minor Construction	Supports Depot Maintenance Activity
Fire Protection Branch	Supports Depot Maintenance Activity

Geographic, continued

4. Other Collocated Activities, continued

4.3 How would these activities and the depot maintenance activity function if they were not collocated?

Collocated Activity	Describe Relationship
Defense Reutilization Marketing Office	Transportation costs would increase to transport used material for disposal
Fleet Support Division (FSD)	FSD service would have to be established at the depot
Human Resources Office	Personnel services would have to be provided by the depot or from a remote personnel office
Information Resources Management Directorate (IRMD)	IRMD services could be contracted to private industry or brought in to the depot
Contracting Office	Contract support would have to be established within the depot
Communications Office	Could be contracted to private industry
Defense Logistics Agency	Impact would be severe if storage were not allocated
Base Property Office	Could be established in house
Base Safety Office	Could be established in house
Facilities and Services Division (F&S):	
Motor Transportation Office (GME)	Could be contracted to private sector
Utilities	Could be established in house
Hazardous Waste Disposal	Could be established in house
Maintenance: Building, Equipment, Tools, Preventive	Could be established in house
Engineering Equipment	Could be contracted to private sector
Minor Construction	Could be established in house

Geographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

There are no encroachments at MCLB Barstow.

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

N/A

Type of Encroachment	Constraint on Expansion	Describe
N/A		

MEASURES OF MERIT

Facilities and Equipage

6. Unique or Peculiar Facilities, continued

6.1 List unique or peculiar testing facilities, excluding equipment (e.g. runways, railheads, ports, tracks, ponds, etc.).

Test Facility	Describe Uniqueness/Peculiarity
Paxman Dyno Facility	This facility is especially designed to accommodate the complete testing of the PAXMAN 3100 h.p. diesel engine. This engine is primarily used in the 110' Cutter Class vessel for the U. S. Coast Guard and the U. S. Navy ocean going vessels.
Engineering Laboratory	Equipped with a wide range of analytical equipment. Capabilities include ionized couple argon plasma, X-Ray florescence, gas chronology, infrared spectrometry, temperature baths, viscosity measurement, adn pH meters.
Test Pond	The Test Pond is used to test amphibious vehicles such as the LAV and AAV. This test facility measures 200 feet by 400 feet by 12 feet deep, containing 7,000,000 gallons of water, and is large enough to perform the required speed test for the AAV.
Tracked Vehicle Test Slopes	The Tracked Vehicle Test Slopes of 30% and 60% grades are used for tracked vehicle performance testing.
Vehicle Test Track	Our tracked vehicle test track is composed of natural terrain and which simulates actual combat situations. These include slopes, depressions, undulations, quick turns and a one mile speed run. Our wheel vehicle test track involves both natural and commercial slopes and unlimited roadways.
Transmission Dynamometer Facility	A new facility housing MC3 Barstow's General Electric Cross-drive transmission dynamometer is nearing completion. This $2.5 million test facility is designed to test five different models of Marine Corps combat vehicle cross-drive transmissions. This type of dynamometer is the only one in the Marine Corps, and there are only two others with similar capability within DoD.
Radiographic Test Facility	The Radiographic facility located at MC3 Barstow is classified as a shielded facility. It houses the x-ray system, which has the capability to penetrate 5 inches of steel. It is a concrete structure surrounced by an eight foot cyclone fence for added security. The control room has a visual monitoring system incorporating an inter-communication system, with warning lights, and audio warning system. Exposure room measures 40 feet by 35 feet with a ceiling height of 50 feet. The x-ray machine is a Pantax MK11 series system. Operating parameters are 420 kilovolt constant potential, 0-30 milliampere.
Radome Test Facility	The Radome Test Facility is used to test the AN/TPS-59 Long Range Radar. The facility is a 60 foot radome, truncated 75%, with 3 doors allowing entry and assembly of three antenna trailers for the AN/TPS-59.
Railhead	As a part of the rail operations of MCLB Barstow, MC3's railhead is connected to the 32 miles of railroad track and 160 rail switches within the base. This provides MC3 direct access to Santa Fe and Union Pacific railroads and capability to transport equipment to and from all major locations within the continental United States.
Cable Pull Test Facility	A Cable Pull Test Facility was constructed in FY93 to allow testing of cables and winches on a variety of tracked and wheeled vehicles Cables can be tested in both the horizontal and vertical direction, depending on winch configuration. The applied force is automatically measured and recorded for certification.

MEASURES OF MERIT

Facilities and Equipage

6. Unique or Peculiar Facilities, continued

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility	Reasons Required for Maintenance
Paxman Dyno Facility	Dynamometer testing of repaired engines is required by maintenance directives and customer criteria. No other procedure can predict engine performance or reveal latent defects. Engines must be operated at all power ranges for specified periods of time to ensure proper performance.
Engineering Laboratory	For quick analysis of oils, lubricants, fuels, industrial waste, and unknown liquids so that work stoppages are eliminated and manufacturing and repair may continue uninterrupted.
Test Pond	Speed testing of the AAV in water is performed in accordance with requirements of the maintenance criteria.
Tracked Vehicle Test Slopes	The Tracked Vehicle Test Slopes provide the capability for testing tracked vehicle braking, hill climbing ability, and fuel system operation, as well as gun fire-control synchronization, as required by maintenance criteria for tracked vehicles.
Vehicle Test Track	To provide full combat vehicle mechanical readiness to all tracked vehicles which undergo maintenance. These include engine, drive train, suspension support systems, and track reliability.
Transmission Dynamometer Facility	This facility is required for post maintenance and post repair testing of combat vehicle cross-drive transmissions under load. Testing is performed to ensure reliability of repaired transmissions prior to installation in a vehicle at depot or lower maintenance levels.
Radiographic Test Facility	Semi-annual and biennial inspections (surveys) conducted by Quality Assurance Branch Radio-Graphers are required to comply with written mandates from the Navy's Radiological Affairs Support Program (RASP). These requirements are met to maintain current certification of the x-ray facility. The x-ray facility's two large entry doors to the exposure room require periodic maintenance to their motors and electrical systems. The x-ray facility's automatic film processing machine requires semi-annual cleaning and maintenance.
Radome Test Facility	The facility is required for security, protection of equipment from lightning and weather, and safety of personnel from hazardous emissions.
Railhead	MC3's railhead provides the capability to transport large quantities of various sizes and weights of equipment in a short time frame, and in a cost effective manner to most strategic locations within the United States.
Cable Pull Test Facility	A Cable Pull Test Facility is required for certification of cable and winch towing capacities on a variety of tracked and wheeled combat vehicles. This is a performance as well as a safety requirement that is part of the depot maintenance criteria.

MEASURES OF MERIT

Facilities and Equipage

6. Unique or Peculiar Facilities, continued

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility	Describe Testing Alternatives
Paxman Dyno Facility	There are no alternatives to dynamometer testing repaired engines.
Engineering Laboratory	Forward to commercial laboratories allowing 2 - 4 weeks for analysis. This would result in significant production delays and higher costs.
Test Pond	No other means of performing the AAV water speed test is available.
Tracked Vehicle Test Slopes	No alternative exists.
Vehicle Test Track	Wheeled vehicles could be tested on public highways, with accompanying sacrifice in regard to safety and flexibility. No alternative exists for road testing tracked vehicles.
Transmission Dynamometer Facility	Without dynamometer testing capability, the depot maintenance function is incomplete. The quality of our work and the reliability of our repaired transmissions cannot be verified.
Radiographic Test Facility	If we did not have the x-ray facility, a series of tests, listed below would be required. These tests are not 100% conclusive and result in additional labor and material costs. DYE PENETRANT TESTING-This process uses visible and fluorescent dyes which allow the detection of defects open to the surface on non-ferrous metals. MAGNETIC PARTICLE TESTING-This process is capable of detecting surface and near sub-surface defects on ferrous metals by inducing a magnetic field into the part. EDDY CURRENT TESTING-This process allows for the detection of surface defects on ferrous and non-ferrous metals by inducing a circular electrical current into the part. ULTRA SOUND TESTING-This process incorporates sound waves to detect surface and sub-surface defects on ferrous and non-ferrous metals. FIBEROPTIC INSPECTION-This fiberscope utilizes a glass fiber filled, flexible shaft to inspect internal parts of many components without having to disassemble parts.
Radome Test Facility	There is no alternative because open air testing would subject both equipment and personnel to potential hazards.
Railhead	Equipment would be transported by truck at significantly higher cost, longer time frame for delivery and a restricted load size.
Cable Pull Test Facility	Cables and winches have been tested by using a second vehicle to apply the force, or by using large weights. Both methods are not nearly as accurate, or as safe as the new facility.

Facilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: **Facility Conditions**

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
214-10	BLDG	8.1			Ready Line Ops
214-10	BLDG	440.0			Veh. Maint. Fac.
214-10	BLDG	.3			Steam Clean Supp
214-10	BLDG	5.9			Steam Rack
214-10	BLDG	5.9			Dyno Test
214-10	BLDG	.8			Radar Test
214-10	BLDG	8.4			Lube Bldg
214-20	BLDG	2.1			Veh Maint
214-20	BLDG	2.4			Veh Maint
214-20	BLDG	2.4			Veh Maint
213-50	BLDG	8.0			Optics Repair
214-56	STRUCTURE	2.5			Undercoating
214-55	STRUCTURE	0.6			Wash Rack
218-45	BLDG	11.3			Calib. Lab
217-10	BLDG	2.0			X-ray Insp
390-13	STRUCTURE	1.7			Amph. Test Tank
371-17	STRUCTURE	112.4			Radar Test Range
390-17	STRUCTURE	1.0			Ord Test Ramp
390-17	STRUCTURE	48			Cable Pull Test
390-17	STRUCTURE	13,573			Veh Test Track
441-13	BLDG	5.0			Storage
441-35	BLDG	1.76			Gas Bottle Storage
730-36	BLDG	0.56			Lunch Room
730-75	BLDG	.056			Head
812-09	BLDG	0.5			Utilities
	TOTAL SQUARE FEET	14,244.68			
	TOTAL ACREAGE	327			

Facilities and Equipage, continued

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

There are no underutilized facilities at the Barstow Maintenance Center, consequently, space available for expansion cannot be identified.

Table 7.2.a: **Space Available for Expansion**

Building ID / Type	CCN	Installation Space (KSF)			Total
		Adequate	Substandard	Inadequate	
TOTAL:					

Facilities and Equipage, continued

8. Unique and/or Peculiar Capabilities and Capacities

8.1 What unique and/or peculiar capabilities and capacities does the depot maintenance activity possess?

Depot Maintenance Capability/Capacity	Describe Why Unique/Peculiar
Laser Dimensional Measurement System	The Hewlett Packard Model 5528A Laser Measurement System is used for the calibration of precision machine tools and standards by measurement of concentricity, flatness, roundness, squareness straightness and parallelism to plus/minus .00002 inches.
Vacuum Quench Heat Treating Facility	MC3 Barstow installed a Heat Treating Furnace with Vacuum Quench capability, manufactured by C. I. Hays Corporation. This equipment is capable of performing a vast array of metallurgical heat-treatment processes. The furnace features operating temperatures of 1000 to 2400 degrees Farenheit, plus/minus 2 degrees and pressure control of 1000 to 50 microns of mercury (Hg). All processes can be programmed into a microprocessor for precise control of each phase of the treatment. Both ferrous and non-ferrous materials can be treated to give each manufactured part the precise hardness, toughness, and strength required by specification.
Steel Grit Blast Facility	This facility consists of two steel grit blast booths which were renovated in 1993 with new EPA and OSHA compliant dust control. These drive-through booths are used to remove paint and surface corrosion from armored tactical vehicles undergoing rebuild/repair. The renovation also provided a new grit reclaimation system and reinforced floors to support a Marine Corps M1 Main Battle Tank.
Plastic Media Blast Facility	The first Plastic Media Blast (PMB) facility designed by Stripping Technologies Incorporated, a blast equipment developer and manufacturer, was installed at MC3 Barstow in FY93. Similar to sandblasting, the PMB process replaces harmful chemical stripping of paint and primer coatings from Marine Corps ground combat vehicles and equipment. It is especially effective on aluminum, magnesium, fiberglass, and composite materials, which would otherwise be damaged by the more aggressive steel grit blasting process. This facility is compliant with all environmental and OSHA regulations. Plastic media may be re-used several times before disposal as hazardous waste. PMB is much quicker, safer, and less expensive than chemical stripping and has reduced our volume of hazardous waste and our disposal costs immensely.
FCIM	MC3 Barstow is a current participant in the Department of Defense Flexible Computer Integrated Manufacturing (FCIM) initiative. In 1992, the Joint Center for FCIM selected MC3 Barstow to be one of only seven Process Validation Enterprise (PVE) sites. As a PVE site, we are involved in the development of the Small Mechanical Parts Manufacturing System (SMPMS). The MC3 PVE site provides a unique capability to the Marine Corps and to other government agencies to obtain parts which long lead time is required or technical data is not available. MC3 manufactures these parts through reverse engineering and electronic data transfer, resulting in cycle time reduction, cost savings, and increased readiness levels. MC3 Barstow PVE site includes capability to develop electronic data. This provides the unique capability to manufacture parts through a paperless environment and provide further savings to the customer.
Kaizen	MC3 Barstow was the only DoD site selected as the pilot for Kaizen training. Kaizen means a gradual, unending improvement; doing "little things" better; and setting and achieving even higher standards. The Kaizen process has resulted in significant cost savings at the MC3. Because of the success of the Kaizen implementation, MC3 Barstow has been designated to be funded from the Joint Center for Flexible Computer Integrated Manufacturing (JC-FCIM) as the DoD Kaizen headquarters.
HMMS	An automated comprehensive hazardous materials management information system for optimum inventory control, usage, and tracking.

CNC Machining	MC3 Barstow is equipped with state of the art machining capabilities to include several Triax Computer Numerical Controlled (CNC) Milling Machines, CNC Hardinge Chucker, Lagunamatic CNC Milling Machine and CNC Leblond Turning Centers. These machines allow MC3 to reduce repetative machine operations up to 20% by means of computer programming. MC3 Barstow is able to respond to the DoD and Marine Corps needs for components and parts that are no longer in the Federal Supply System, in a fast (on time), and low cost, effective means of resupply.
Clean Rooms	Four clean room work spaces have been purchased and installed at MC3 Barstow. These clean rooms accommodate the disassembly, repair, and reassembly of sophisticated optics and electronics equipment tolerating little or no contamination. The Optics Shop has one Class 100 and one Class 1000 clean room used for Night Vision/Image Intensifier rebuild. The COMM/ELEC Shop has one Class 10,000 clean room One Class 100,000 clean room is used as a computer operations room.
Communications/ Electronics Repair	The MC3 has a broad range of electronic testing and repair capabilities to support the full spectrum of communication electronics equipment and is the DoD sole source repair facility for the AN/PPN 19 Radar Transponder, AN/TAC-1 Fiber Optic Interface System, and the AN/TPS-59 Long Range Acquisition Radar. Service unique capabilities include AN/UYK-83 and AN/UYK-85 End User Computing Equipment, AN/TYQ 3A Tactical Data Communications Central, AN/GRC-171 UHF Radio Set,and the AN/MSC-63A Communications Central. Service peculiar capability includes environmental stress screening.
Engine Dynamometers	MC3 Barstow's engine rebuild capability includes seven computer controlled dynamometers, five EDI dynamometers - thru 500 H.P., two 250 H.P. and two 2000 H.P. Taylor dynamometers. This equipment is capable of fully automated performance testing of engines, measuring parameters such as; oil pressure/temperature, coolant temperature, crankcase pressure, and fuel pressure/temperature at various applied torques and speeds. Cooling water is supplied by a water recirculation and heat exchanger system that minimizes water usage and waste streams. Every rebuilt engine is tested to ensure compliance with operational specifications and ensure a reliable engine is installed in Marine Corps combat vehicles.
Automatic Part Washers	Three closed loop jet spray parts washers, using detergent based cleaners, replace chemical vapor degreasers and reduce processing time by 30%. These part washers are unique in that they are self running and environmentally compliant with California EPA standards. This equipment includes a washwater recycling system minimizing effluent generation, as well as improving productivity.
Radiac Range	The J.L. Shepard 81-10D Dual Source Calibrator using Cesium 137 is used as the source to calibrate all X-ray and Gamma detecting devices. In addition, a counting system is utilized to identify and quantify specific X-rays and Gamma rays as well as Alpha and Beta particles. Such systems are comprised of the Packard Model 2500TR Liquid Scintillator Low Energy Level Beta Particle Detection System, the Protean Model ICP9025 Low Level Alpha-Beta Counting System and the Canberra Gamma Spectroscopy System.
Image Intensifier Rebuild	Image Intensifiers used in Night Vision Systems detect light and amplify it thousands of times. MC3 Barstow has repair, overhaul, and full rebuild capability for all of DoD's 2nd and 3rd generation image intensifiers. In operation since 1989, image intensifier repairs and testing is performed in Class 100 clean rooms. Image intensifiers are rebuilt to full military specifications including environmental stress testing.
Draw Lap Machining	The Draw Lap machine is used to restore the horizontal finish of cylinders to provide a tight seal between the gasses and oils used to absorb the recoil of the M-198 and M-101A1 Howitzers, and the M-1 Main Battle Tank. It is the only source within the Marine Corps to internally resurface recoil cylinders and/or replenishers.
CARC Paint Facility Strategic Environmental Research and Development Program (SERDP)	Joint effort by the Marine Corps, Environmental Protection Agency, Applied Research Laboratories at Penn State, and the Strategic Environmental Research and Development Program for the construction of an environmentally compliant paint booth. Will realize 95% destruction efficiency of Volatile Organic Compounds and Hazardous Air Pollutants during coating operations applying Chemical Agent Resistive Coating (CARC) paint.
Industrial Waste Water Treatment Plant	New treatment plant has design technology to recycle majority of waste water back to processes.

Activity: M62204

Facilities and Equipage, continued

8. Unique and/or Peculiar Capabilities and Capacities

8.2 Separately list the depot maintenance facilities and equipment which are one of a kind within the Service and/or DoD.

Facility/Equipment	Describe Why It is One of a Kind
5000 HP Dynamometer	The MC3 at Barstow possesses the only U. S. Government facility in the world capable of testing the PAXMAN/Valenta 16 cylinder engine. This dynamometer allows PAXMAN engines to be subjected to all load conditions which simulates actual in-use circumstances while quantitively measuring; horsepower, cylinder temperatures spread, transducers/alarms and governor operation, fuel use, torque and perform systems control evaluation.
Towed Chassis Dynamometer	The Towed Chassis Dynamometers are used to universally test wheeled vehicles, to various load conditions which simulate actual road circumstances while quantitively measuring speed, horse power, and torque. These two units were designed specifically to be totally self contained (eddy current) microprocessor controlled, and will test all wheeled vehicles in the Marine Corps, including LAV's, HMMWV's, and trucks. The advantage to the Towed Chassis Dynamometer is it requires no modifications to any towing vehicle in any configuration, present or future.
AN/TPS-59 Test Equipment	Repair/rebuild of the AN/TPS-59 Radar requires a high-power testing facility and a hybrid integrated circuit facility. MC3 Barstow is the only DoD depot with these unique capabilities. Additionally, some of the associated test equipment is custom made and not commercially available.
PPN-19 Test Equipment	Repair/rebuild of the AN/PPN-19 Radar Transponder requires special equipment, which was custom made by the original manufacturer. MC3 Barstow possesses the only such equipment in existence and currently performs all of DoD's depot level repair and testing of the AN/PPN-19.
AN/TAC-1 Test Equipment	MC3 Barstow is the only depot maintenance activity facilitated to test and maintain the AN/TAC-1 Fiber Optics Interface System.
Tow Test Equipment	The Laser Threat Verification Station is a self-contained system for remotely viewing a thermal target by the AN/TAS-4 family of thermal imagers while exposing the thermal imager to two lasers to verify the specifications of the Laser Threat modification The Night Sight Collimator is a fully automated test station for the AN/TAS-4 family of scanning Forward Looking Infrared Radiation (FLIR) thermal imagers. The TOW Optical Sight Hardening (TOSH) Prism Alignment Station is a high precision optical alignment station to verify the internal boresight source of the Tube-Launched, Optically-Tracked, Wire-Guided Missile Launcher (TOW) Optical Sight Sensor (OSS).
M198 Stress Test	The M-198 Stress Test is used to check the welds and structural integrity of the howitzer during the rebuild/repair restoration process. It is the only source within the Marine Corps that can provide stress testing capability.
Cross Drive Transmission Dynamometer	A new facility housing MC3 Barstow's General Electric Cross-Drive Transmission Dynamometer is nearing completion. This $2.5 Million test facility is designed to test five different models of Marine Corps combat vehicle cross-drive transmissions. This type of dynamometer is the only one in the Marine Corps, and there are only two others with similar capability within DoD.
In-Line Transmission Dynamometer	The In-Line Transmission Dynamometer tests all in-line type transmissions used in all wheeled vehicles. The dynamometer measures all performance under conditions which simulate actual operation at full load capacities.
Test Pond	The Test Pond is used to test rebuilt or repaired vehicles. This facility measures 200 feet by 400 feet by 12 feet deep and contains approximately 7 million gallons of water. It is large enough to perform the speed testing of the AAV in water as required by maintenance criteria.

Image Intensifier	This equipment is used to test image intensifiers for Night Vision equipment. All test equipment is modern, state of the art, designed to perform rebuild to full MIL-SPEC requirements including burn-in and environmental stress testing simulating actual user conditions. No other depot maintenance facility other than MC3 Barstow possesses image intensifier rebuild capability.

9. Acreage Available for Building

9.1 What acreage on the installation does the government own in the proximity of the depot maintenance area that could be used for future expansion? Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Report in "Restricted" areas that are 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.

Table 9.1: **Real Estate Resources**
Yermo Annex

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	95.0	95.0		259**
Operational				259**
Training	N/A			
R & D	N/A			
Supply & Storage	193.95	193.95		259**
Admin	.36	.36		259**
Housing	N/A	N/A		
Recreational	21.81	21.81		259**
Forestry Program	N/A	N/A		
Agricultural Outlease Program	N/A	N/A		
Hunting/Fishing Programs	N/A	N/A		
Test Track Programs	312	312		259**
Other	1,056	1,056		259**
Total:	1,680	1,421		259**

* Acreage of improved, unimproved roads, open storage areas, sidewalks, etc.
** There are approximately 259 acres available for development. This area could
be developed into any of the land use categories listed above.

file in Mag Claimant in front of Act # 1-1

ACTIVITY: N00024

DATA CALL For MILITARY VALUE
For
SUPERVISORS, SHIPBUILDING, CONVERSION AND REPAIR
Questions for the Major Owners / Operators (Headquarters)

Primary Activity UIC: N00024
(Use this number as the Activity identification at the top of each page.)

Mission Area

1. Workload Summary - Workload not yet assigned to a SUPSHIP activity

1.1 Construction and Conversion of Ships and Craft. List all types and classes of ships, barges, and boats (collectively called vessels) which are designed, fabricated, erected, manufactured, trialed and delivered (collectively referred to as work packages) to the Navy and other government agencies under the supervision of the SUPSHIPs. Specify the type of vessel and type of work for the period requested in the table below. Specify all work performed on behalf of non-DON agencies. Identify the workload supervised by specific vessel type and number of units of that type. Do not include any workload packages which have already been awarded to the various SUPSHIPs andd which are reported in their Military Value Data Call responses.

Table 1.1: **Projected Construction and Conversion Workload**

Vessel / Package	Workload (units)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
NONE							
Total							

1. Workload Summary - Workload not yet assigned to a SUPSHIP activity, continued

1.2 Maintenance and Modernization of Navy Ships and Craft. Identify all types and classes of ships, barges, and boats (collectively called vessels) which are planned, contracted for, repaired, modernized, and otherwise delivered to the Navy under the supervision of your SUPSHIP. Identify the type of vessel and type of work performed for the period requested in the table below. Specify all work performed on behalf of non-DON agencies. Identify the workload supervised by specific vessel type and number of units of that type. Do not include any workload packages which have already been awarded to the various SUPSHIPs and which are reported in their Military Value Data Call responses.

Table 1.2: **Projected Maintenance and Modernization Workload**

Vessel / Work	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
NONE							
Total							

1. Workload Summary - Workload not yet assigned to a SUPSHIP activity, continued

1.3 Identify any specialized, unique or peculiar characteristics regarding the ability of the SUPSHIPs to represent the government and oversee the work identified in Table 1.1 (design, fabrication, erection, manufacture, trials and delivery) on specific types of vessels. Highlight those capabilities which are "one of a kind" within the DON/DoD.

NONE

1.4 Identify any specialized, unique or peculiar characteristics regarding the ability of the SUPSHIPs to represent the government and oversee the work identified in Table 1.2 (planned, contracted for, repaired, modernized, and otherwise delivered) on specific types of vessels. Identifying the respective SUPSHIP, highlight those capabilities which are "one of a kind" within the DON/DoD.

NONE

Costs

3. Workload Summary

3.1 Identify the annual procurements supervised/projected to be supervised by the SUPSHIPs for the period requested. Report each appropriation type (e.g. SCN, OMN) as a separate line.

Table 3.1.a: **SUPSHIP Workload Value ($M)**

APPN	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
O&MN	1512.6	1319.1	1392.8	1366.1	1179.3	1054.1	1066.1	764.6
SCN	5336.5	5151.6	4965.8	5363.2	6381.5	6817.0	6734.3	6132.5
OPN	12.8	13.7	13.9	16.1	146.9	183.4	226.7	180.7
O&MN,R	5.9	6.3	4.0	10.5	8.3	5.3	8.3	13.9
FMS	13.9	11.7	1.8	6.0	5.4	14.0	14.1	19.0
WPN					0.2	0.4	4.8	0.1
RDT&E		0.9	1.1	0.8	0.6	0.8	4.4	3.9
NIF/DBOF			2.2	20.3	17.9	18.1	50.0	26.6
PDA							22.5	22.1
OTHER			0.2				0.8	1.4
TOTAL:	6881.7	6503.3	6381.8	6783.0	7740.1	8093.1	8132.0	7164.8

Table 3.1.b: **SUPSHIP Workload Value ($M)**

APPN	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
O&MN	698.0	1065.4	1016.5	932.7	960.7	1007.5	960.4	1045.3
SCN	6308.5	5965.9	5292.9	4665.4	4506.5	4169.0	4011.7	4195.7
OPN	165.1	203.3	180.7	192.5	164.0	207.7	160.4	185.1
O&MN,R	7.1	6.3	7.4	11.0	15.2	14.5	14.3	14.4
FMS	6.6	10.9	10.7	10.5	3.5	3.5	3.5	3.5
WPN	0.4	1.0	1.0					
RDT&E	7.3							
NIF/DBOF	28.4	12.5	0.5	0.5	0.5	0.5	0.5	0.5
PDA	24.0	24.0	30.0	60.0	15.0			
OTHER								
TOTAL:	7245.4	7289.3	6539.7	5872.6	5665.4	5402.7	5150.8	5444.5

DATA CERTIFIED: BRAC 95 DATA CALL 47, SUPSHIP, NAVSEA HQ PORTION

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

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

G. R. Sterner
Signature

6-23-94
Date

[illegible]
Naval Sea Systems Command
Activity

DATA BEING CERTIFIED: BRAC 95 DATA CALL 47, SUPSHIP, NAVSEA HQ PORTION

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

MAJOR CLAIMANT LEVEL

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

S. R. Sterner
Signature

Title

6-23-94
Date

Naval Sea Systems Command
Activity

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

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

R. R. SAREERAM
NAME (Please type or print)

Signature

ACTING
Title

30 JUN 1994
Date

DATA CALL for CAPACITY ANALYSIS
Supervisor of Shipbuilding, Conversion and Repair

Questions for Major Owners / Operators (Headquarters)

Primary UIC: N00024 Naval Sea Systems Command
(Use this number as Activity identification at top of every page)

Mission Area

1. Workload

1.1 Identify the executed and projected budgeted workyears for the total SUPSHIP community in thousands of dollars ($ K) and in Work Years for the period requested in the Tables below.

Table 1.1.a: **Historic and Predicted SUPSHIP Workload**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY1993
Funding ($K)	156,830	163,681	166,891	172,225	195,284	195,884	189,996	192,323
Work Years	4194	4233	4271	4259	4580	4117	3880	3545

Table 1.1.b: **Historic and Predicted SUPSHIP Workload**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY2001
Funding ($K)	174,550	153,630	141,409	145,227	149,112	153,348	157,544	161,861
Work Years	3220	2790	2481	2477	2498	2524	2547	2571

FY 1996-01 O&MN TPOM CONTROLS.

1. Workload, continued

1.2 Value of Work Supervised: Identify by appropriation category (e.g. OPN, SCN, OMN) the value of the shipbuilding, conversion, and repair work supervised/projected to be supervised by the SUPSHIP community for the period requested in the Tables below.

Table 1.2.a: **Historic and Predicted Workload Summary**

APPN	$ M	$M	$M	$M	$M	$M	$M	$M
	FY-1986	FY-1987	FY-1988	FY-1989	FY-1990	FY-1991	FY-1992	FY-1993
O&MN	1512.6	1319.1	1392.8	1366.1	1179.3	1054.1	1066.1	764.6
SCN	5336.5	5151.6	4965.8	5363.2	6381.5	6317.0	6734.3	6132.5
OPN	12.8	13.7	13.9	16.1	146.9	183.4	226.7	180.7
O&MN,R	5.9	6.3	4.0	10.5	8.3	5.3	8.3	13.9
FMS	13.9	11.7	1.8	6.0	5.4	14.0	14.1	19.0
WPN					0.2	0.4	4.8	0.1
RDT&E		0.9	1.1	0.8	0.6	0.8	4.4	3.9
NIF/DBOF			2.2	20.3	17.9	18.1	50.0	26.6
PDA							22.5	22.1
OTHER			0.2				0.8	1.4
TOTAL:	6881.7	6503.3	6381.8	6783.0	7740.1	8093.1	8132.0	7164.8

Table 1.2.b: **Historic and Predicted Workload Summary**

APPN	$ M	$M	$M	$M	$M	$M	$M	$M
	FY-1994	FY-1995	FY-1996	FY-1997	FY-1998	FY-1999	FY-2000	FY-2001
O&MN	698.0	1065.4	1016.5	932.7	960.7	1007.5	960.4	1045.3
SCN	6308.5	5965.9	5292.9	4665.4	4506.5	4169.0	4011.7	4195.7
OPN	165.1	203.3	180.7	192.5	164.0	207.7	160.4	185.1
O&MN,R	7.1	6.3	7.4	11.0	15.2	14.5	14.3	14.4
FMS	6.6	10.9	10.7	10.5	3.5	3.5	3.5	3.5
WPN	0.4	1.0	1.0					
RDT&E	7.3							
NIF/DBOF	28.4	12.5	0.5	0.5	0.5	0.5	0.5	0.5
PDA	24.0	24.0	30.0	60.0	15.0			
OTHER								
TOTAL:	7245.4	7289.3	6539.7	5872.6	5665.4	5402.7	5150.8	5444.5

FY-1995-2001 PREDICTED SUPERVISED WORKLOAD IS BASED UPON AWARDED SHIPWORK CONTRACTS AND ESTIMATED NEW SHIP AWARDS.

Data Being Certified: BRAC 95 Data Call Number Eleven, SUPSHIP, NAVSEA HQ Portions

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

NEXT ECHELON LEVEL (if applicable)

WILLIAM H. RYZEWIC — W. H. Ryzewic
NAME (Please type or print) — Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support — 5/25/94
Title — Date

Naval Sea Systems Command
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

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

~~Title~~ — ~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

E.S. MCGINLEY II — (signature)
NAME (Please type or print) — Signature

COMMANDER — 5/25/94
Title — Date

NAVAL SEA SYSTEMS COMMAND
ACTING
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. — J. B. Greene Jr
NAME (Please type or print) — Signature

ACTING — 02 JUN 94
Title — Date

Data Being Certified: BRAC 95 Data Call Number Eleven, SUPSHIP, NAVSEA HQ Portions

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

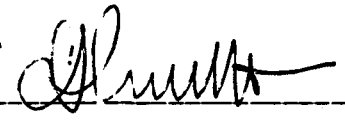
In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate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

E.S. MCGINLEY II — 

NAME (Please type or print) — Signature

5/25/94

Title COMMANDER — Date

NAVAL SEA SYSTEMS COMMAND , ACTING

Activity

129

ACTIVITY: N62786

DATA CALL For MILITARY VALUE
For
Supervisors, Shipbuilding, Conversion and Repair
Bath, ME

Questions for the Activities

Primary UIC: N62786
(Use this number as the Activity Identification at the top of each page.)

Mission Area

1. Construction and Conversion of Ships and Craft

1.1 List all types and classes of ships, barges, and boats (collectively called vessels) which are designed, fabricated, erected, manufactured, trialed and delivered (collectively referred to as work packages) to the Navy and other government agencies under the supervision of your SUPSHIP. Specify the type of vessel and type of work for the period requested in the table below. Specify all work performed on behalf of non-DON agencies. Identify the workload supervised by specific vessel type and number of work packages of that type.

Table 1.1.a: **Historic and Projected Construction and Conversion Workload**

Vessel / Package	Workload (number of work packages)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
FFG-New Construction	2	1						
CG-New Construction	4	5	6	7	6	4	2	1
DDG-New Construction		1	2	3	3	6	8	9
Total	6	7	8	10	9	10	10	10

1. Construction and Conversion of Ships and Craft, continued

Table 1.1.b: **Historic and Projected Construction and Conversion Workload**

Vessel / Package	Workload (number of work packages)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
DDG-New Construction	10	11	11	10	10	8	8	7
Total	10	11	11	10	10	8	8	7

FY 1995 - 2001 Workload is based upon awarded shipwork contracts and estimated new ship awards. Work packages included start from initial cutting of steel to departure from the yard.

1.2 Identify any specialized, unique or peculiar characteristics regarding the ability of this SUPSHIP to represent the government and oversee the work identified in Table 1.1 (design, fabrication, erection, manufacture, trials and delivery) on specific types of vessels. Highlight those capabilities which are "one of a kind" within the DON/DoD.

Extensive technical (engineering) and quality assurance background in construction of gas turbine ships.

Mission Area

2. Maintenance and Modernization of Navy Ships and Craft

2.1 Identify all types and classes of ships, barges, and boats (collectively called vessels) which are planned, contracted for, repaired, modernized, and otherwise delivered to the Navy under the supervision of your SUPSHIP. Identify the type of vessel and type of work performed for the period requested in the table below. Specify all work performed on behalf of non-DON agencies. Identify the workload supervised by specific vessel type and number of work packages of that type.

Table 2.1.a: **Historic and Projected Maintenance and Modernization Workload**

Vessel / Work Package	Workload (number of work packages)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
DDG-51 Avail Planning								1
FFG-7 Avail Planning							2	
DD963 ROH Execution	1					1		
DD963 Emerg Docking		1						
FF1040 ROH Execution		1	1					
FFG-7 PSA Execution	3	3	1					
CG-51 PSA Execution			1	1	2	1	1	
FFG-7 Battle Damage Re-construction				1				

DDG-51 PSA Execution							1	
Total	4	5	3	2	2	2	4	1

2. Maintenance and Modernization of Navy Ships and Craft, cont nued

Table 2.1.b: **Historic and Projected Maintenance and Modernization Workload**

Vessel / Work	Workload (number of work packages)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
DDG-51 Avail Planning	2	6	8	9	12	15	15	16
DDG-51 PSA Planning	2	3	2	3	2	2	1	2
DDG-51 PSA Execution		1	1	2	1	1	1	1
Total	4	10	11	14	15	18	17	19

FY 1995 - 2001 Workload is based upon awarded shipwork contracts and estimated new ship awards.

2.2 Identify any specialized, unique, or peculiar characteristics regardi ıg the ability of this SUPSHIP to represent the government and oversee the work identified ir Table 2.1 (planned, contracted for, repaired, modernized, and otherwise delivered) on speci fic types of vessels. Highlight those capabilities which are "one of a kind" within the DON/Dc D.

DDG-51 Class Planning SUPSHIPs
Oversee DDG-51 Class Planning Yard

Features and Facilities

3. Shipbuilders and Shipyards in Area of Cognizance

3.1 List the Master Ship Repair Agreement (MSRA) holders and the Agreement for Boat Repair (ABR) holders in your SUPSHIP's area of cognizance. Identify the characteristics of each agreement holder, including the number of graving docks (certified and noncertified) and wet slips they have which are sized to accommodate naval vessels, the total number of direct labor (DL) shipyard workers (as of 31 March 1994), and the closest, by water, active duty naval base homeporting a naval vessel, and the distance (by water) in miles, from the MSRA/ABR holder to that naval base.

Table 3.1: **MSRA and ABR Status**

MSRA or ABR Holder	Type of Agreement	Facility Characteristics				
		# Graving Docks	# Wet Slips	Total # DL Employees	Closest Naval Base	Miles
Bath Iron Works	MSR / ABR	None	5	6993	New London Submarine Base	210
Gowen Inc.	ABR	None	2	24	New London Submarine Base	210
Hinckley Co.	ABR	None	4	104	New London Submarine Base	280
Rockland Marine Corp.	ABR	None	3	20	New London Submarine Base	260
Industrial Welding and Machine Inc.	ABR	None	1	16	New London Submarine Base	210

Additional Comments:

3. Shipbuilders and Shipyards in Area of Cognizance, continued

3.2 In the Table below, list each dock of each MSRA/ABR holder within your area of cognizance. Identify the current disposition of naval certified and non-certified drydocks within that list of Agreement holders. Use the number of each dock reported (from this table listing) as the key to your entries in question 3.3. Reproduce this table and table 3.3 as necessary.

Table 3.2: **Drydock Certification Status**

DD#	MSRA / ABR Holder	Currently Certified? (Y / N)
1	Bath Iron Works (Float DD)	Y
2	Rockland Marine (Marine Rails)	Y
3		
4		
5		
6		
7		
8		
9		
10		

3. Shipbuilders and Shipyards in Area of Cognizance, continued

3.3. Identify the capability of all active graving and floating drydocks, and marine railways where appropriate, at each of the non-DoN shipbuilding or repair facility contractors in your area of responsibility in Table 3.1. In Tables 3.3.a and 3.3.b below, credit the listed drydock(s) with a "P" for any shipwork performed/programmed to be performed during the period FY 1986 through FY 2001 on each class of vessel specified. Credit the drydock with a "C" if the dock is capable of, but has not yet performed or been programmed to perform work on the class of vessel specified. Comment on all "C" entries in the space following the table; note any modifications factored into your evaluation of "capable."

Table 3.3.a: **NonNaval Graving and Floating Drydock Capabilities**

	DD #										
Class of Vessel	1	2	3	4	5	6	4	7	8	9	10
SSBN 726											
SSN 688											
SSN 21											
CVN 68											
CV 62											
AD 41	C										
AOE 1	C										
AOE 6											
ARS 50	C										
AS 36/39	C										
LCC 19	C										
LCC 20	C										
LPD 4	C										
LPH 2											
LSD 36	C										
LSD 41	C										
MCM1 / MCS12 / MHC 51	C	C									

No Modifications Required

3. Contingency and Mobilization Features, continued

Table 3.3.b: **NonNaval Graving Drydock Capabilities**

Class of Vessel	DD #										
	1	2	3	4	5	6	4	7	8	9	10
AFDB-8/AFDL/ AFDM/ARDM	C										
NR-1											
AGF 3 / AGF 11	C										
CG 47	P										
DD 963	P										
DDG 51	P										
DDG 993	P										
FFG 7	P										
LHA 1	C										
LHD 1	C										
CGN 38											

No Modifications Required.

3.3 Identify any specialized, unique or peculiar equipments and/or facilities possessed by the commercial entities listed in Table 3.1 which enhance the ability of this SUPSHIP to represent the government and oversee the work identified in Tables 1.1 and 2.1. (If the special capability is tied to one of the drydock identified in question 3.3, so indicate.) Highl ght those capabilities which are "one of a kind" within the DON/DoD.

None.

Features and Facilities

4. Stand Alone Factors

4.1 Identify the support (police, fire protection, etc.) now provided by the host shipyard, naval activity or other source. Add any additional applicable factors. Identify what factors would be needed by your SUPSHIP if the host activity is closed.

Table 4.1: **Support Facilities**

Support	Currently Obtained from:	Needed if Host Closes?
Police	City of Bath, Maine	No
Security	Bath Iron Works	No
Fire	Bath Iron Works/City of Bath, Maine	No
Cafeteria	None	No
Parking	Bath Iron Works	No
Utilities	Bath Iron Works	No
Child Care	Brunswick Naval Air Station/Local Private Facilities	No

4.2 If this SUPSHIP is relocated, what new location(s) (for the SUPSHIP) most efficiently provides adequate oversight of these support functions? Provide details of associated costs incurred for necessary support services, distance to major naval concentrations, etc.

If SUPSHIP Bath relocated the most efficient location is the Brunswick Naval Air Station. Utilities would be the only additional support cost.

4. Stand Alone Factors, continued

4.3 List the class I or II real property the SUPSHIP owns or leases, providing square footage or acreage as appropriate.

Table 4.3: **Real Property**

Type of Property	Class	Current Use	Location	Size (SF or Acres)
None				

4.4 Does the SUPSHIP maintain any family housing? No

If Yes, is there another DoD agency nearby that could be assigned the property? Yes / No

If Yes, Please identify: _____

Features and Facilities

5. Facility Measures

5.1 Identify, by three digit Category Code Number (CCN), *all government facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your act vity serves as host.

Table 5.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
	None				
	Activity TOTAL:				

5. Facility Measures, continued

5.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories in Table 5.1, above, where inadequate facilities are identified provide the following information:

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

Costs

6. Travel Requirements

6.1 Identify the annual executed and planned travel budget, in thousands of dollars ($ K), for inspections and coordination visits to shipbuilders, shipyards, and ships in the area of cognizance. In the third row, identify the executed and planned expenditures for liaison and coordination with the headquarters command and the naval shipyards.

Table 6.1.a: **Travel Expenses ($ K)**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Inspections	52	24	24	25	28	4[illegible]	58	48
Coordination	116	84	84	92	101	12[illegible]	154	164
Liaison	23	24	23	25	28	3[illegible]	38	28
Other							1	
Total	191	132	131	142	157	20[illegible]	251	240

Table 6.1.b: **Travel Expenses ($ K)**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Inspections	54	51	49	50	54	5[illegible]	55	57
Coordination	102	115	122	124	124	12[illegible]	127	126
Liaison	41	33	33	35	37	3[illegible]	40	42
Other								
Total	197	199	204	209	215	22[illegible]	222	225

Costs

7. Workload Summary

7.1 Identify the annual procurements supervised by this activity for the period requested. Report each appropriation type (e.g. SCN, OMN) as a separate line.

Table 7.1.a: **SUPSHIP Workload Value ($M)**

APPN	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
SCN	459	352	569	632	744	701	735	783
OMN	25	20	33	41		5	7	7
OPN						14	15	
Total:	484	372	602	673	744	720	757	790

Table 7.1.b: **SUPSHIP Workload Value ($M)**

APPN	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
SCN	812	820	828	836	844	852	852	852
OMN	14	14	14	14	14	14	14	14
OPN	4	4	4	4	4	4	4	4
Total:	830	838	846	854	862	870	870	870

FY 1995 - 2001 Workload is based upon awarded shipwork contracts and estimated new ship awards.

Costs

8. Investments

8.1. List the project number, description, funding year, and value of the *capital improvements at your base completed (beneficial occupancy) during FY 1988 to FY 1994.* Indicate if the capital improvement is a result of BRAC realignments or closures.

Table 8.1: **Capital Improvement Expenditure**

Project	Description	Fund Year	Value ($K)
None	None	N/A	-0-

8.2. List the project number, description, funding year, and value of the *non-BRAC related capital improvements planned* for years FY 1995 through FY 1997.

Table 8.2: **Planned Capital improvements**

Project	Description	Fund Year	Value ($K)
None	None	N/A	-0-

8. Investment, continued

8.3 List the project number, description, funding year, and value of the *BRAC related capital improvements planned* for FY 1995 through FY 1999.

Table 8.3: **Planned BRAC Capital improvements**

Project	Description	Fund Year	Value
None	None	N/A	-0-

8. Investment, continued

8.4 Identify by Investment Category Code and Name (e.g. 05-Training Facilities; 14-Administration) the actual investment at your activity, to include all MCCN, maintenance and repair, installed equipment, and minor construction, in thousands of dollars ($ K) over the period FY 1990 through FY 1994 for all your facilities. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 8.1-8.3 above.

Table 8.4: **Historic Investment Summary**

Investment Category	$ K
None	-0-
Other (specify) None	-0-
Equipment (other than Class 2)	$2,1[illegible]8
Activity TOTAL	$2,1[illegible]8

8.5 What is the total planned investment, in thousands of dollars ($ K), over the period FY 1995 through FY 2001?

Total planned Investments = $ 1,680 K

8. Investments, continued

8.6 Provide a list of all other documented major facility deficiencies not addressed in 8.1-8.3 (e.g. major repairs) and the estimated cost to rectify each at this activity. Identify the reduction in operating costs anticipated in relation to each deficiency correction.

Table 8.6: **Facility Deficiencies**

Deficiency	Cost to Correct ($ K)	Result of Corrections
None		

Costs

9. Resource Employment

9.1 Identify the total Man Hours (MHs) expended by functional areas at your activity. Provide the FY 1993 capability (notional normal work week of 1-8-5) and the FY 1993 capability if operating a full second shift at the SUPSHIP.

Table 9.1: **Functional Area Performance Distribution**

Functional Areas	FY 1993	2nd Shift
Administration	92,326	*
Engineering	53,083	
Production	134,540	
Planning	93,079	
Quality Assurance	92,553	
Contracts	69,060	
Materials	69,597	

*** SUPSHIP Bath does not operate a full second shift.**

Strategic Concerns

10. Contingency and Mobilization Features

10.1 Given your SUPSHIP's current staffing levels, identify how many additional shipbuilding and repair projects, and of what type, could be placed under your SUPSHIP's cognizance over the period FY 1995-2001. Please provide your response in both units of workload (identified by project type) and in Man Hours (MHs) expended of SUPSHIP supervision required for that workload, by specific type of vessel work packages.

Table 10.1.a: **Maximum Workload - Current Staffing**

Additional Projects (Vessel / Work Package)	Workload (numbers of work packages)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
None	None	None	None	None	None	None	None

Table 10.1.b: **Maximum Workload - Current Staffing**

Additional Projects (Vessel / Work Package)	Workload (SUPSHIP MHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
None	None	None	None	None	None	None	None

10. Contingency and Mobilization Features, continued

10.2 Given (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which your SUPSHIP's operations (all types of projects) could be expanded, based on current and future planned workload mixes? Please provide your response in both units of workload (identify project type) and in Man Hours (MHs) expended of SUPSHIP supervision required for that additional workload by specific type of vessel work packages.

Table 10.2.a: **Maximum Potential Workload**

Additional Projects (Vessel / Work Package)	Workload (Units)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
ROH	1	1	1	1	1	1	1
DDG-New Construction	1	1	1	1	1	1	1

Table 10.2.b: **Maximum Potential Workload**

Additional Projects (Vessel / Work Package)	Workload (MHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
ROH	30K	30K	30K	30K	30K	30K	30K
DDG New Construction	36K	36K	36K	36K	36K	36K	36K

10. Contingency and Mobilization Features, continued

10.3 Identify all restrictions for temporary (up to two weeks) berthing of warships with full magazines and not gas-free fuel tanks at the identified facilities within your area of operations.

Table 10.3: **Berthing Restrictions**

Contractor	Distance from Your Site (Miles)	Restrictions
Bath Iron Works	On site	*
Gowen Inc.	1	*
Hinckley Co.	126	*
Rockland Marine Corp.	45	*
Industrial Marine Corp.	1.5	*

*** On board munitions prohibited in accordance with NAVSEA OP4 Vol. No gas free requirement.**

10.4 Inhibitors to Operations in Contractor Facilities. List below the dollar value, in thousands, ($ K), of claims submitted because of hurricanes, blizzards, below-freezing temperatures, earthquakes or other work-impinging natural conditions, for the period requested.

Table 10.4: **Claims**

Contractor	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994
BIW						149	9	208	4
Total						149	9	208	4

Environment and Encroachment

11. Environmental Considerations

11.1 Identify all known environmental restrictions to expansion at the dentified contractor facilities within the SUPSHIP's area of responsibility. Summarize any ongoing or planned remedial action, if applicable.

Table 11.1: **Environmental Restrictions to Expansion**

Restriction	Location	Impact	Current Status
Bath Iron Works - Wet Lands	13 Acres South of Bath Facility	Expansion into commercial work	Under study

11.2 Describe all undeveloped acreage or waterfront that is available to the identified facilities within the SUPSHIP's area of responsibility, including its size, current state, and the amount of development required to make it useable. Specify any undeveloped acreage that is unique to these facilities.

Bath Iron Works undeveloped acreage; 13 acres south of Main Yard.
Needs: Fill, pavement, buildings, utilities
Bath Iron Works undeveloped waterfront; Approx 1000 ft of shore line south of the outfitting pier.
Needs: Installation of bulkhead & dredging

11.3 Identify any specific facilities, programs, or capabilities in regard to the handling and disposal of hazardous materials / waste at the identified facilities within the SUPSHIP's area of responsibility.
SUPSHIP Bath has no physical facilities for hazardous waste/material storage or handling. SUPSHIP Bath occupies facilities at private contractors' shipyards. No land or buildings are owned.
SUPSHIP Bath does, however, have three Hazardous Waste Generator numbers issued to it by the United States Environmental Protection Agency (EPA) for facilities a Portland, Rockland and Bath, Maine. Hazardous waste is generated as Navy-owned vessels arrive at the private shipyards to undergo overhaul or repair. SUPSHIP Bath uses Bath Iron Works Corp. to contract out disposal, with SUPSHIP Bath oversight. SUPSHIP Bath has a Safety/Health/Environmental Manager, an Environmental Compliance Board (ECB) made up of Department Heads, and an Environmental Technical Team (EVTT) made up of Department representatives.

Environment and Encroachment

12. Encroachment Considerations

12.1 Identify any ground, industrial noise, approach channel, waterway harbor, airspace or other encroachment of record at the identified facilities within the area of esponsibility of this SUPSHIP. Reproduce the table as required so as to report each MSRA/ABI holder in a separate table.

Table 12.1: **Encroachments of Record**

Encroachment	Date Recorded	Current Status
Bath Iron Works, Bath Water Way	1943	500' W, 27' Deep
Bath Iron Works, Portland Water Way	1983	38' Depth
Bath Iron Works, Portland Noise	1983	70 dba 24 hrs 75 dba 8 hrs
Bath Iron Works, Brunswick Noise	1990	70 dba 24 hrs 75 dba 8 hrs

Quality of Life

13. Military Housing - Family Housing (All answers provided by NAS Brunswick)

13.1 Do you have mandatory assignment to on-base housing? Yes / No

13.2 For military family housing in your locale, provide the following information:

Table 13.2: **Available Military Family Housing**

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	27	27		
Officer	3	116	116		
Officer	1 or 2	1	1		
Enlisted	4+	75	75		
Enlisted	3	342	342		
Enlisted	1 or 2	195	195		
Mobile Homes					
Mobile Home lots		20	20		

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

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

13. Military Housing - Family Housing, continued

13 .4 Complete the following table for the military housing waiting list. Report the number on the waiting list as of 31 March 1994.

Table 13.4: **Military Housing Waiting List**

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1		
	2		
	3		
	4+	0	
O-4/5	1		
	2		
	3	27	8 mos
	4+	10	8 mos
O-1/2/3/CWO	1		
	2	62	8-10 mos
	3	5	1-3 mos
	4+	3	2-6 mos
E7-E9	1		
	2	16	1-3 mos
	3	16	1-3 mos
	4+	11	3-6 mos
E1-E6	1		
	2	190	10-12 mos
	3	57	4-6 mos
	4+	15	8-12 mos

13. Military Housing - Family Housing, continued

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

Table 13.5: **Housing Demand Factors**

	Top Five Factors Driving the Demand for Base Housing
1	Possible Base closure
2	Uncertainties due to right sizing
3	More economical (no maintenance costs)
4	More economical (no/fixed utility cost)
5	Deployment schedules

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

70 %

13.7 Provide the utilization rate for family housing for FY 1993.

Table 13.7: **Family Housing Utilization**

Type of Quarters	Utilization Rate (%)
Adequate	99.9%
Substandard	
Inadequate	

13.8 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% (or vacancy over 2%), is there a reason? No

Quality of Life

14. Military Housing - Bachelor Quarters

(All answers provided by NAS Brunswick)

14.1 Provide the utilization rate for Bachelor Enlisted Quarters (BEQs) for FY 1993.

Table 14.1: **BEQ Utilization**

Type of Quarters	Utilization Rate
Adequate	92%
Substandard	76%
Inadequate	0

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

Scheduling reservations for Survival, Evasion, Resistance, and Escape (SERE) students has a direct impact on occupancy percentage. The number of students by paygrade/rank is not available until the actual time of individual check-in. Having rooms available for SERE students is imperative due to the nature of their assigned duties, getting to the training site, and the need to have quarters available upon their return. Students are on space required orders.

Squadron deployment schedules have a direct impact on occupancy percentage. Deployment schedules have been changed recently, shortening the usual length of time spent at NAS Brunswick. The lag time between deploying and returning squadrons affects the occupancy rate.

Self-help renovation has begun to meet the new minimum standards of acceptable space and privacy. Following completion of the effort, we will be able to house approximately 65% of the people we currently house.

14.3 Calculate the Average on Board (AOB) for Geographic Bachelors (GB) as follows:

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

AOB = 23

14.4 Indicate in the following chart the percentage of Geographic Bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

14. Military Housing - Bachelor Quarters , continued

Table 14.4: **Reasons for Geographic Separation (BEQ)**

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	18	44	
Spouse Employment (non-military)	3	7	
Other	20	49	
TOTAL	41	100 %	

14.5 How many enlisted Geographic Bachelors (GB) do not live on base?

None. All applicants have been approved to date.

GB Off-Base = None

14. Military Housing - Bachelor Quarters, continued

14.6 Provide the utilization rate for Bachelor Officers Quarters (BOQs) for FY 1993.

Table 14.6: **BOQ Utilization**

Type of Quarters	Utilization Rate
Adequate	0
Substandard	64%
Inadequate	0

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

Scheduling reservations for Survival, Evasion, Resistance, and Escape (SERE) students has a direct impact on occupancy percentage. The number of students by paygrade/rank is not available until the actual time of individual check-in. Having rooms available for SERE students is imperative due to the nature of their assigned duties, getting to the training site, and the need to have quarters available upon their return. Students are onspace required orders.

14.8 Calculate the Average on Board (AOB) for Geographic Bachelors as follows:

$$AOB = \frac{(\#\ GB \times \text{average } \#\ \text{days in barracks})}{365}$$

AOB = 18

14.9 Indicate in the following chart the percentage of Geographic Bachelors by category of reasons for family separation. Provide comments as necessary.

Table 14.9: **Reasons for Geographic Separation (BOQ)**

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	2	40	
Spouse Employment (non-military)	0	0	
Other	3	60	
TOTAL	5	100	

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14.10 How many officer Geographic Bachelors do not live on base?

None. All applicants have been approved to date.

GB Off-Base = None

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15. MWR Facilities - SUPSHIP Bath does not have MWR Facilities, NAS Brunswick facilities are used.

15.1 For on-base MWR facilities available, complete the following table for each separate location. These are spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

For off-base government-owned or leased recreation facilities, indicate their distance from your base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION_____ DISTANCE _____

Table 15.1.a: **MWR Facilities Summary**

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

15. MWR Facilities, continued

Table 15.1.b: **MWR Facilities Summary**

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

15.2 Is your library part of a regional interlibrary loan program? Yes / No

N/A

Quality of Life

16. Base Family Support Facilities and Programs

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

SUPSHIP Bath does not have on-site child care facilities. Facilities available through NAS Brunswick and local community..

Table 16.1: **Child Care Availability**

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

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

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

16. Base Family Support Facilities and Programs, continued

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

N/A

16.4 How many "certified home care providers" are registered at your base? # = N/A

16.5 Are there other military child care facilities within 30 minutes of the base? Yes / No

State owner and capacity (e.g. 60 children, 0-5 years).

NAS Brunswick, 116 children, 0-5 years.

16. Base Family Support Facilities and Programs, continued

16.6 Complete the following table for services available on your base. If you have any services not listed, include them at the bottom. (Note: PN = number of personnel accommodated.)

SUPSHIP Bath is co-located on contractor property.

Table 16.6: **Available Services**

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

17. Metropolitan Areas

17.1 Identify proximate major metropolitan areas closest to your base (provide at least three):

Table 17.1: **Proximate Metropolitan Areas**

City	Distance (Miles)
Portland	35
Augusta	35
Bangor	110

Quality of Life

18. VHA Rates (Provided by NAS Brunswick)

18.1 Identify the Standard Rate VHA Data for Cost of Living in your area:

Table 18.1: **VHA Rates**

Paygrade	With Dependents	Without Dependents
E1	135.37	75.74
E2	135.37	85.13
E3	123.11	90.71
E4	155.69	108.66
E5	173.34	121.03
E6	167.93	114.31
E7	211.15	146.68
E8	206.46	156.08
E9	242.16	183.82
W1	250.55	190.28
W2	247.27	193.94
W3	254.75	207.09
W4	239.10	212.00
O1E	217.21	161.12
O2E	205.66	163.97
O3E	244.36	206.73
O1	186.57	137.48
O2	188.99	147.71
O3	216.65	182.40
O4	215.24	187.17
O5	197.64	163.45
O6	216.88	179.51
O7	146.73	119.22

Quality of Life

19. Off-base Housing Rental and Purchase

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

Table 19.1: **Recent Rental Rates**

Type of Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	400	275	55
Apartment (1-2 Bedroom)	600	310	10
Apartment (3+ Bedroom)	650	475	14
Single Family Home (3 Bedroom)	1,000	500	16
Single Family Home (4+ Bedroom)	1,100	650	18
Town House (2 Bedroom)	700	450	12
Town House (3+ Bedroom)	950	500	15
Condominium (2 Bedroom)	750	550	12
Condominium (3+ Bedroom)	850	650	15

19.2 What was the rental occupancy rate in the community as of 31 March 1994?

Table 19.2: **Rental Occupancy Rate**

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

1 Per Dr. Valerie Lamont, University of Southern Maine, as of the 199(Cencus, the rental occupancy rate was 96.6% and ownership occupancy rate was 98.1%. She ɔelieves the rate has gone down due to the state of economy. A survey of 6 local property mar agement companies indicates their overall occupancy rate as of 31 March 1994 was 95.28%. ']'hey were unable to break down in sizes/types of units.

Quality of Life

19. Off-base Housing Rental and Purchase, continued

19.3 What are the median costs for homes in the area?

Table 19.3: **Regional Home Costs**

Type of Home	Median Cost
Single Family Home (3 Bedroom)	36,500
Single Family Home (4+ Bedroom)	79,500
Town House (2 Bedroom)	77.500
Town House (3+ Bedroom)	87,500
Condominium (2 Bedroom)	77,500
Condominium (3+ Bedroom)	87,500

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

Table 19.4: **Housing Availability**

Month	Number of Bedrooms		
	2	3	4+
January	25	42	18
February	22	45	16
March	21	46	18
April	23	47	17
May	24	49	18
June	22	45	19
July	25	44	20
August	28	46	18
September	26	50	16
October	25	48	15
November	22	44	16
December	21	42	17

19. Off-base Housing Rental and Purchase, continued

19.5 Describe the principle housing cost drivers in your local area.

- Vacation homes, historical homes and shorefront property which dramatically effect the overall average cost of housing and limit the amount of housing stock our members can afford.
- Presence of the military population.
- Presence of Bowdoin College personnel.
- Housing sales boom in the 1980s (people spent a lot and are now trying to recover their investments).
- Commutes to Portland, Augusta, and Bath (Bath Iron Works) are convenient and acceptable.

20. Sea-Shore Opportunities

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

Table 20.1: **Sea Shore Opportunities**

Rating	# Sea Billets in Local Area	# Shore Billets in Local Area
FC	150	2
BM	100	0
GS	175	3
DC	125	3
ET	100	0

21. Commuting Distances (Data provided by NAS Brunswick)

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

Table 21.1: **Commuting Distances**

Location	% Employees	Distance (mi)	Time (min)
Bath	22.1	2	5
Brunswick	19.3	10	15
Topsham	8.9	14	20
Woolwich	6.2	6	15
Wiscasset	5.1	12	25

Quality of Life

22. Regional Educational Opportunities

Complete the tables below to indicate the civilian educational opportunities available to service members stationed at this activity (to include any outlying sites) and their dependents:

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

Table 22.1: **Educational Opportunities**

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost/Student	SAT/ ACT Score	% HS to College	Source of Info
Lewiston High School	Public	9-12	Yes	4.057	V42 / M461	49%	Guidance
Lewiston Jr. High School	Public	7-8	Yes	3,264			
Lewiston Elementary School	Public	K-5	Yes				
Lewiston Elementary School	Public	K-6	Yes				
Wiscasset High School	Public	9-12	Yes				
Wiscasset Middle School	Public	5-8	Yes				
Wiscasset Primary School	Public	Pre-4	Yes	3,447	V440/ M505	60%	Guidance
Lisbon High School	Public	9-12	Yes	4,499	V430/ M465	43%	Guidance

Freeport High School	Public	9-12	Yes	4,595	V46 / M542	62%	Guidance
Freeport Middle School	Public	6-8	Yes	3,593			ME Dept of Ed.
Mast Landing School, Freeport	Public	3-5	Yes				
Morse Street School, Freeport	Public	PreK-2	Yes				
Yarmouth High School	Public	9-12	Yes	4,595	V470/ M505	79%	Guidance
N. Yarmouth Academy	Private	7-12	Some	Varies			
Nursery Schools (62)	Private	Preschool	N/A	Varies 2,000-4,000			NYNEX Directory
Brunswick High School	Public	9-12	Yes	4,595	V458/ M487	69%	Guidance
Brunswick Jr. High School	Public	7-8	Yes	3,574			
Coffin School, Brunswick	Public	K-6	Yes	3,574			
Hawthorne School, Brunswick	Public	K-6	Yes	3,574			
Longfellow School, Brunswick	Public	K-6	Yes	3,574			
Jordan Acres, Brunswick	Public	K-6	Yes	3,574			
St. Johns School, Brunswick	Private	K-8	Limited	1,525-2,150			
Morse High School, Bath	Public	10-12	Yes	4,595	V416/ M471	63%	Guidance
Bath Jr. High School	Public	7-9	Yes	3,339			

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Fisher-Mitchell, Bath	Public	K-4	Yes				
Dike-Newall, Bath	Public	K-4	Yes				
Huse, Bath	Public	5-6 Yes					
Children's School of Arts and Science, Bath	Private	PreK-9	No	1,800-4,750			Principal
Hyde School, Bath	Private	9-12	Limited	18,000		90%	Guidance
Mt. Ararat H.S., Topsham	Public	7-12	Yes	4,595	V43?/ M49?	60%	Guidance
Williams-Cone, Topsham	Public	K-6	Yes				
Woodside, Topsham	Public	K-6	Yes				
W. Harpswell	Public	K-6	Yes				
Harpswell	Public	K-6	Yes				

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22. Regional Educational Opportunities, continued

22.2 List the educational institutions within 30 miles which offer programs off-base ava lable to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "Nc " in all applicable boxes.

Table 22.2: **Off-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Bowdoin College, Brunswick	Day Yes				Yes	No
	Night No					
Bates College, Lewiston	Day Yes				Yes	No
	Night No					
University of So. Maine, Portland	Day Yes				Yes	Masters
	Night Yes				Yes	Masters
University of So. Maine, Lewiston-Auburn	Day Yes				Yes	No
	Night Yes				Yes	No
Westbrook College, Portland	Day Yes				Yes	No
	Night Yes				Yes	No
Maine School of Art, Portland	Day Yes				Yes	No
	Night Yes				Yes	No
Husson College, So. Portland	Day Yes			Yes	Yes	No
	Night Yes			Yes	Yes	No
Mid-State College, Auburn	Day Yes			Yes	Yes	No
	Night Yes			Yes	Yes	No
Southern Maine Technical College, So. Portland	Day Yes		Yes	Yes	Yes	No
	Night Yes		Yes	Yes	Yes	No

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Central Maine Technical College, Auburn	Day Yes		Yes	Yes	Yes	No
	Night Yes		Yes	Yes	Yes	No
Andover College, Portland	Day Yes			Yes	Yes	No
	Night Yes			Yes	Yes	No
Casco Bay College, Portland	Day Yes			Yes	Yes	No
	Night Yes			Yes	Yes	No
University of Maine at Augusta	Day Yes			Yes	Yes	Yes
	Night Yes			Yes	Yes	Yes
Merrymeeting Regional Adult Education, Topsham	Day Yes	Yes				
	Night Yes	Yes				
Vocational Region Ten, Brunswick	Day Yes		Yes			
	Night Yes		Yes			
Bailey Evening School, Bath	Day No					
	Night Yes	Yes				
Augusta Vocational School	Day Yes		Yes			
	Night Yes		Yes			
Portland Regional Vocational Technical School	Day Yes		Yes			
	Night Yes		Yes			
Freeport Community Education	Day Yes	Yes				
	Night Yes	Yes				
Wiscasset Adult Education	Day No					
	Night Yes	Yes				
Lewiston Adult Education	Day Yes	Yes	YEs			
	Night Yes	Yes				

Shelter Institute, Bath	Day Yes		Yes	Yes		
	Night Yes		Yes	Yes		
Portland Community/Adult Education	Day Yes	Yes	Yes			
	Night Yes	Yes	Yes			
Mercy Hospital (Nurses Trng)	Day Yes				1	
	Night Yes				1	

1 Diploma Program

22. Regional Educational Opportunities, continued

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

SUPSHIP Bath does not have educational institutions on our facility. The following data was provided by NAS Brunswick.

Table 22.3: **On-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
New Hampshire College	Day No			No	No	No
	Night Yes			Yes	Yes	Yes
	Corres-pondence No			No	No	No
Embay-Riddle Aeronautical University	Day No			No	No	No
	Night Yes			Yes	Yes	Yes
	Corres-pondence No			No	No	No
	Day					
	Night					
	Corres-pondence					
	Day					
	Night					
	Corres-pondence					

Quality of Life

23. Spousal Employment Opportunities - (Data Provided by NAS Brunswick)

23.1 Provide the following data on spousal employment opportunities.

Using anecdotal evidence, NAS Brunswick feels that there are adequate spousal employment opportunities in the area, albeit at a lower rate of pay than in a major metropolitan are.

1. The nature of required data kept by the FSC makes it impossible, unfortunately, to provide the kind of data required. The FSC Semi-Annual Reports break down data entirely differently. The FSC cannot break down Spouse Employment services by professional area. The totals are based on client contacts rather than number of spouses. The breakdown of spouse employment statistics for FY91, for example are as follows:

- one on one counseling - 216
- providing information - 710
- other spouse employment services - 645
- referrals to employers, education, etc. - 287
- placed in jobss - 118

Therefore, the FSC could count 118 as job placements or 216 as individual counseling, but that would not include other kinds of professional services provided. We could count 1,976 as all career services provided spouses in FY91, but obviously some spouses may have had more than one kind of service. Most spouses are able to find employment,, but not necessarily at the rate of pay to which they are accustomed.

2. The FSC does not have statistics at all for 1992 and 1993 because the Spouse Employment position at NAS Brunswick was vacated early in 1992 and has remained vacant due to civilian end strength reductions by CINCLANTFLT. The FSC continued to provide some limited services throught the Transition Assistance Management Program (TAAMP) to spouses who came in, but those statistics disappeared into TAMP.

Table 23.1: **Spouse Employment**

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%)
	FY 1991	FY 1992	FY 1993	
Professional				
Manufacturing				
Clerical				
Service				
Other				

24. Medical / Dental Care - (Data Provided by NAS Brunswick)

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

Military member's primary medical care, as well as speciality medical care, is coordinated by the Branch Medical Clinic, Brunswick. Access to primary care does not pose any problems for active duty personnel as all primary care is provided by the Branch Medical Clinic. However, access to specialty care and assuring continuity of specialty care is difficult to coordinate. In accordance with BUMED guidelines, non-urgent specialty care must be provided by the nearest available military facility. Most non-urgent specialty care is available at NAVHOSP Newport. Because travel to Newport requires driving through rush hour traffic of a major metropolitan area (i.e., Boston), appointments are limited to the hours of 0930-1130 and 1300-1500. Travel time between Newport and Brunswick is approximately 3 1/2 hours. When non-urgent specialty care is not available at NAVHOSP Newport, care is coordinated with NNMC Bethesda and MEDEVAC system provides transportation. Currently, MEDEVAC provides two flights/week. Coordination of specialty appointments coincidental with MEDEVAC flights resullts in military patients being away from their workspace from 5 to 7 days. Urgent and emergent specialty care is readily available in the local community. Use of local community specialty care for non-urgent purposes is cost prohibitive, in most cases.

Active duty personnel do not have difficulty with access to dental care. Routine examinations, treatment, and emergency care are available through the branch dental clinic. If required, specialty referrals are made to Naval Dental Center, Newport, R.I.

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

Military family members have excellent access to civilian medical care through the Uniformed Services Treatment Facility (USTF) Family Health Plan.

Military family members have severely limited access to military medical care in this area due to limited professional staffing of the Branch Medical Clinic. Few daily acute care appointments are available to military family members and retirees after it is assured that all active duty medical needs are met. However, military family members have excellent access to relatively inexpensive civilian medical care in the local community. The majority of military family members residing within the 40-mile radius catchment area are enrolled in the USTF Family Health Plan, a DOD-contracted participation agreement with Martin's Point Health Care System. Additionally, the Branch Medical Clinic is aggressively developing their Health Care Finder Program. CHAMPUS and participating agreements have recently been established with 52 civilian providers and health care facilities in the local community and another 65 agreements are being processed.

Military family member care is readily available through the Delta Dental program. The Branch Dental Clinic maintains a current list of area dentists who accept Delta Dental. Military family members are seen in the Branch Dental Clinic for overseas screening and for emergency care only if the civilian practitioner cannot be reached.

SUMMARY

Access to health and dental care for military family members in the Brunswick area is excellent because of the Uniformed Services Treatment Facility (USTF) Family Health Plan at Martin's Point Health Care System and the large civilian medical and dental provider base accepting CHAMPUS and the Delta Dental Plan.

Quality of Life

25. Crime Rate - SUPSHIP Bath buildings only.

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

Table 25.1.a: **Local Crime Rate**

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

25. Crime Rate, continued

Table 25.1.b: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
7. Larceny - Ordnance (6R)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)			
Base Personnel - military			
* Base Personnel - civilian	1	2	0
Off Base Personnel - military			
Off Base Personnel - civilian			

* Items stolen from office space occupied by U.S. Navy in contractor facilities.

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25. Crime Rate, continued

Table 25.1.c: **Local Crime Rate**

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

ACTIVITY: N62786

25. Crime Rate, continued

Table 25.1.d: **Local Crime Rate**

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

25. Crime Rate, continued

Table 25.1.e: **Local Crime Rate**

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

25. Crime Rate, continued

Table 25.1.f: **Local Crime Rate**

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

Data Being Certified: BRAC 95 Data Call Number 47, SUPSHIP, LATH

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Management Field Activity Support
Title

6/16/94
Date

Naval Sea Systems Command
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

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

G R Sterner
Signature

6 23 94
Date

Title
Commander
Naval Sea Systems Command
Activity

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

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

R. R. SAREERAM
NAME (Please type or print)

Signature

ACTING
Title

30 JUN 1994
Date

ACTIVITY: N62786

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."

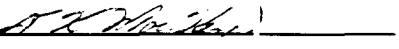
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

D. K. MACKENZIE
NAME (Please type or print)


Signature

SUPERVISOR
Title

JUN 03
Date

SUPSHIP BATH, ME
Activity

ACTIVITY: N62786

Data Call for Capacity Analysis: Supervisor of Shipbuilding, Conversion and Repair Bath

Questions for Activities

Primary UIC: N62786
(Use this number as the Activity identification at top of every page)

For activities which operate detachments, in preparing your response, ensure your SUPSHIP activity responses itemize the applicable response for each detachment, as well as the total of the entire activity.

Mission Area

1. Workload

1.1 Use the following tables to describe the historic and currently projected budgeted workyears for your operation in budget year values.

Table 1.1.a: **Historic and Predicted Workload**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Funding ($K)	9,957	10,506	10,761	11,137	11,803	12,421	13,265	12,807
Workyears	280	275	284	281	293	279	277	261

Table 1.1.b: **Historic and Predicted Workload**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Funding ($K)	13,007	12,445	12,824	14,658	14,625	14,885	15,154	15,424
Workyears	245	226	225	250	245	245	245	245

NOTE: Table 1.1.b FY 1995-2001 Funding and Work Years Provided by NAVSEA Headquarters.

W.H. Rybowic

CERTIFIED BY: W.H. Rybowic

Mission Area

2. Value of Work Supervised

2.1 Summarize the value by appropriation (APPN) (e.g. SCN, OMN, OPN) of the shipbuilding, conversion, and repair work supervised/projected to be supervised by your SUPSHIP office(s) for the Fiscal Years requested.

Table 2.1.a: **Historic and Predicted Supervised Workload**

APPN	Workload ($ M)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
SCN	459	352	569	632	744	701	735	783
OMN	25	20	33	41		5	7	7
OPN						14	15	
Total:	484	372	602	673	744	720	757	790

Table 2.1.b: **Historic and Predicted Supervised Workload**

APPN	Workload ($ M)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
SCN	812	820	828	836	844	852	852	852
OMN	14	14	14	14	14	14	14	14
OPN	4	4	4	4	4	4	4	4
Total	830	838	846	854	862	870	870	870

Mission Area

3. Contingency and Mobilization Features

3.1. Identify all non-DoN shipbuilding or ship repair activities holding a MSRA or ABR that exist within 100 miles of your activity or within your area of responsibility? What restrictions (e.g. access; ordnance or fuel limits), if any, might apply when using such yards for facility augmentation or in an emergency?

Table 3.1: **Proximate Shipbuilding/Repair Facilities**

FACILITIES	LOCATION	RESTRICTIONS
1. Bath Iron Works MSRA	574 Washington St. Bath, ME 04530	Mean low water depth of channel is 27 feet.
2. Gowen, Inc. ABR	400 Commercial St. Portland, ME 04104	
3. Hinckley Co. ABR	Southwest Harbor, ME 04679	
4. Rockland Marine Corp. ABR	79 Mechanic St. Rockland, ME 04841	
5. Industrial Welding & Machine Inc. ABR	Portland, ME 04104	

ACTIVITY: N62786

3. Contingency and Mobilization Features, continued

3.2. What is the capability of all active Navy-certified graving drydocks at each of the facilities identified in question 3.1. Identify the existing drydocks at each non-DoN shipbuilding or repair facility. Credit the listed drydock(s) for any shipwork performed/programmed to be performed during the period FY 1986 through FY 2001 on each class of vesse specified.

Table 3.2a: **NonNaval Graving Drydocks**

DD #	Facility Name/Location	DD Dimensions		
		Length	Width	Depth Over Sill
1	None			
2				
3				
4				
5				
6				
7				
8				
9				
10				

Additional Comments:

3. Contingency and Mobilization Features, continued

Table 3.2.b1: **NonNaval Graving Drydock Capabilities - NONE**

Class of Vessel	DD #										
	1	2	3	4	5	6	4	7	8	9	10
SSBN 726											
SSN 688											
SSN 21											
CVN 68											
CV 62											
AD 41											
AOE 1											
AOE 6											
ARS 50											
AS 36/39											
LCC 19											
LCC 20											
LPD 4											
LPH 2											
LSD 36											
LSD 41											
MCM 1 / MCS / MHC 51											

3. Contingency and Mobilization Features, continued

Table 3.2.b2: **NonNaval Graving Drydock Capabilities - NONE**

Class of Vessel	DD #										
	1	2	3	4	5	6	4	7	8	9	10
AFDB-8/AFDL/ AFDM/ARDM											
NR-1											
AGF 3 / AGF 11											
CG 47											
DD 963											
DDG 51											
DDG 993											
FFG 7											
LHA 1											
LHD 1											
CGN 38											

Features and Capabilities

4. Facilities

4.1 Space Allocation. In the following table list the total space currently used and planned for use within your SUPSHIP activity. Categorize space by functional use (e.g. administrative; BQ).

Table 4.1: **Space Allocation**

CATEGORY OF SPACE USAGE	TENANT or GOVT PROPERTY [specify] (SF)	SHIPBUILDER - PROVIDED SPACE (SF)	LEASED PROPERTY	
			AREA (SF)	COST / SF
SUPSHIP Admin (Bath)		94,443		
SUPSHIP Admin (Portland)		4,600		
#PCU Crew Admin		39,162		
TOTAL		138,205		

PCU: Precommissioning Unit

Features and Capabilities, continued

4. Facilities, continued

4.2 Facilities. In the following table expand the listed government property which you occupy, as identified in Table 4.1, providing the category code designation of your facilities (5 digit Category Code Number (CCN)) and the square footage rated within each condition code.

Table 4.2: **Production Facilities**

Facility Name	CCN	Installation Space (KSF)		
		Adequate	Substandard	Inadequate

4.3 Inadequate Facilities. 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 identified in Tables 4.1 and 4.2 above where inadequate facilities are identified, provide the following information:

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

Features and Capabilities, continued

4. Facilities, continued

4.4 Identify the facility and equipment values for your activity in the Table below, as executed and budgeted for the period requested. As applied herein:

- Maintenance of Real Property (MRP) is the budgetary term gathering the expenses or budget requirements for facility work and includes recurring maintenance, major repairs and 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) refer to incorporates Class 2 Real Property and is the hypothetical dollar amount required to replace a Class 2 facility in kind at today's dollars (e.g.: the cost today to replace an existing wood frame barracks with another barracks, also wood frame).

- Acquisition Cost of Equipment (ACE) reports the total cumulative acquisition cost of all "Personal Property" equipment which includes the cost of installed equipments directly related to mission execution (such as lab test equpiment). Class 2 installed capital equipment which is integral to the facility should not be reported as ACE.

Table 4.4: **Expenditures and Equipment Values**

FY	MRP ($ K)	CPV ($ K)	ACE ($ K)
1986	None	None	486
1987	↓	↓	486
1988			488
1989			589
1990			612
1991			575
1992			585
1993			298
1994			298
1995			77
1996			127
1997			127

Data Being Certified: **BRAC 95 Data Call Number Eleven, SUPSHIP, BATH**

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support
Title

5/25/94
Date

Naval Sea Systems Command
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

E.S. MCGINLEY II
NAME (Please type or print)

Signature

COMMANDER
Title

5/25/94
Date

NAVAL SEA SYSTEMS COMMAND, ACTING
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
NAME (Please type or print)

Signature

ACTING
Title

2 JUN 94
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

D. K. MACKENZIE
NAME (Please type or print)

Signature

SUPERVISOR
Title

5/19/94
Date

SUPSHIP BATH, ME
Activity

DATA CALL 63
FAMILY HOUSING DATA

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

129

Installation Name:	SUPSHIP Bath
Unit Identification Code (UIC):	62786
Major Claimant:	NAVSEA

Percentage of Military Families Living On-Base:	34%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	44.7
Total Number of Officer Housing Units:	4
Total Number of Enlisted Housing Units:	4

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

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

MAJOR CLAIMANT LEVEL

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

Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

7/25/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

ACTIVITY COMMANDER

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

Signature

Commanding Officer
Title

1/7/94
Date

NORTHNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

Sandra B. Culbertson
NAME (Please type or print)

Sandra B. Culbertson
Signature

Housing Management Specialist
Title

7/6/94
Date

Division

Housing/Real Estate
Department

NORTHNAVFACENGCOM
Activity

Enclosure (1)

UIC: N62786

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	*Supervisor of Shipbuilding, Conversion and Repair, USN, Bath, ME*
Acronym(s) used in correspondence	*SUPSHIP Bath, SSBath*
Commonly accepted short title(s)	*N/A*

- Complete Mailing Address
  Supervisor of Shipbuilding, Conversion and Repair, USN
  574 Washington Street
  Bath, ME 04530-1916

- PLAD SUPSHIP BATH ME

- PRIMARY UIC: N62786 (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): None PURPOSE: None

2. PLANT ACCOUNT HOLDER: • Yes____ No__X__ (check one)

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

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

• Yes ____ No __X__ (check one)

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

• Yes ____ No __X__ (check one)

• Primary Host (current) UIC: _____

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

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

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

• Yes __X__ No ____ (check one)

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

Name	Location	UIC
NONE		

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

Name	UIC	Location	Host name	Host UIC
NONE				

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

NONE

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,-9
3 action(s).

Current Missions

DOD AGENT FOR SHIPBUILDING AND SHIP REPAIR CONTRACT ADMINISTRATION

- PLANNING (repairs):
  Transform work requirements into biddable specifications

- CONTRACTS:
  Solicit, evaluate and award (repair)
  Negotiate changes, claims and REAs (repair/NC)

- WATERFRONT (repair/NC):
  QA of waterfront contractor efforts
  Technically monitor growth and new work
  On site review of waivers/deviations

- MATERIAL FUNCTION:
  Order long lead time material
  Enforce contractual provisions of CFM and GFM

- ACCEPTANCE:
  Participate in sea trials/builders trials
  Accept ship from contractor

PROVIDE SERVICES TO SUPPORT THE BERTHING AND MESSING OF SHIPS' PRECOMMISSIONING CREWS AND INTEGRATE THE CREW MEMBERS INTO THE SHIP CONSTRUCTION PROCESS.

ON SITE TECHNICAL EXTENSION OF NAVSEA HEADQUARTERS

MANAGE AND COORDINATE A PROGRAM FOR DISPOSAL OF HAZARDOUS WASTE GENERATED BY SHIPS' FORCE DURING CERTAIN SELECTED AVAILABILITIES AT PRIVATE SHIPYARDS.

Projected Missions for FY 2001

NO CHANGE

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

OVERSIGHT OF AEGIS DESTROYER TEST TEAM

- COORDINATION OF THE EFFORTS OF OVER 200 TECHNICAL SPECIALISTS FROM 16 CONTRACTORS AND 6 GOVERNMENT AGENCIES, ALL OF WHOM ARE INVOLVED IN THE TESTING AND INTEGRATION OF GOVERNMENT FURNISHED EQUIPMENT.
- PERFORM QUALITY ASSURANCE FUNCTION
- MAINTAIN INSTALLED EQUIPMENT
- TRAIN SHIP'S FORCE

MANAGEMENT OF DDG 51 CLASS LEAD YARD SERVICES CONTRACT

- ENGINEERING AND DESIGN SERVICES TO THE FOLLOW SHIPBUILDERS IN THE FORM OF TECHNICAL DATA TO INSURE LATEST DESIGN AND TECHNICAL DATA IS PROVIDED TO SUPPORT SHIP CONSTRUCTION.
- CONFIGURATION MANAGEMENT OF SHIP DESIGN FOR ALL SHIPS IN THE CLASS.
- CLASS STANDARD EQUIPMENT MANAGEMENT FOR 5'' MAJOR EQUIPMENTS FURNISHED BY THE SHIPBUILDER
- MAINTENANCE OF SPECIFICATIONS AND CONTRACT GUIDANCE DRAWINGS FOR THE CLASS OF SHIPS.
- PREPARATION OF TECHNICAL SCOPES FOR NAVY INITIATED CHANGES TO SHIP CONFIGURATIONS.

DDG 51 CLASS PLANNING YARD/SUPSHIP

- REVIEW AND IMPROVE DESIGN AND ENGINEERING PRODUCTS DEVELOPED BY THE SHIPBUILDER FOR ACCURACY AGAINST THE CONTRACT AND SPECIFICATION REQUIREMENTS.
- DEVELOP AND PREPARE CONTRACT WORK SPECIFICATION PACKAGES.
- ORDER AND TRACK MATERIAL REQUIREMENTS.
- THIS EFFORT IS IN SUPPORT OF ALL DDG 51 CLASS SHIP SELECTED RESTRICTIVE AVAILABILITIES (SRAs) AND SHIP REGULAR OVERHAULS (ROHs).

Projected Unique Missions for FY 2001

NO CHANGE

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

• Operational name	UIC
Commander, Naval Sea Systems Command	N00024
• Funding Source	UIC
N/A	N/A

10. PERSONNEL NUMBERS: Host activities are responsible for tota ling 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 ally 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	10	12	262 per NCPDS
• Selected Reserve (Reporting Command is Gaining Command)	5	0	
• Tenants (Not including Selected Reserves that drill at Reporting Command)	N/A	N/A	N/A
• Tenants (Selected Reserves that drill at Reporting Command)	4	0	
• Tenants (total)	4	0	N/A

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civ lian (Appropriated)
• Reporting Command	14	12	268*
• Selected Reserve (Reporting Command is Gaining Command)	5	0	
• Tenants (Not including Selected Reserves that drill at Reporting Command)	N/A	N/A	N/A
• Tenants (Selected Reserves that drill at Reporting Command)	4	0	
• Tenants (total)	4	0	N/A

* Per FY 95 Congressional budget. Expected on board as of 30 September 1994 is 255.

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

Title/Name	Office	Fax	Home
• D.K. MacKenzie, CAPT, USN Commanding Officer	207-442-2253	207-442-2889	*
• Duty Officer	207-759-4115(num.) -4116(voice)	207-442-2889	*
• William E. Weatherbie Command Deputy	207-442-2520	207-442-2889	*
• Gary T. Frantz Business Review Officer	207-442-2520	207-442-2889	*

*Provided by separate correspondence due to privacy act.

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

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NONE				

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NONE				

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NONE					

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NONE					

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

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
Naval Sea Systems Command	*Washington DC*	*Ship Repair, Modernization, Boat Repair, and New Construction*
Commander-in-Chief U.S. Atlantic Fleet	*Norfolk VA*	*Ship Repair*
Commander, Naval Surface, U.S. Atlantic Fleet	*Norfolk VA*	*Ship Repair*
Commander, Naval Surface Force, U.S. Pacific Fleet	*San Diego CA*	*Ship Repair*
DRPM AEGIS	*Washington DC*	*Contract Administration and Technical Services for Shipbuilding, Ship Repair*
Portsmouth Naval Shipyard	*Portsmouth NH*	*Contract Administration Services for private shipbuilding and ship repair (i.e.: Barges and Tugs).*

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.) (See attached)

- 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).) (See attached)

- 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".) (See attached)

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.) NONE

DBT
DIC NE2786 SEA
2-14-94

Data Being Certified: BRAC 95 Data Call Number 1, SUPSHIP Bath

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate
Title

2/10/94
Date

Naval Sea Systems Command
Activity

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

MAJOR CLAIMANT LEVEL

K. L. Malloy
NAME (Please type or print)

Signature

COMNAVSEA
Title

2/10/94
Date

NAVSEA
Activity

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

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

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

Signature

23 FEB 994
Date

V.C. 2 6 78c DBT SEA 07111 2-14-94

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

D. K. MACKENZIE, CAPT, USN
NAME (Please type or print)

Signature

Supervisor of Shipbuilding
Title

2/9/94
Date

Supervisor of Shipbuilding, Conversion and Repair, USN, Bath, Maine
Activity

1791

Activity: N62786

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Activity Name:	Supervisor of Shipbuilding, C&R, USN, Bath, ME
UIC:	N62786
Major Claimant:	COMNAVSEASYSCOM

General Instructions/Background:

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze both the impact that potential closure or realignment actions would have on a local community and the impact that relocations of personnel would have on communities surrounding receiving activities. In addition to Cost of Base Realignment Actions (COBRA) analyses which incorporate standard Department of the Navy (DON) average cost factors, the BSEC will also be conducting more sophisticated economic and community infrastructure analyses requiring more precise, activity-specific data. For example, activity-specific salary rates are required to reflect differences in salary costs for activities with large concentrations of scientists and engineers and to address geographic differences in wage grade salary rates. Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

Due to the varied nature of potential sources which could be used to respond to the questions contained in this data call, a block appears after each question, requesting the identification of the source of data used to respond to the question. To complete this block, identify the source of the data provided, including the appropriate references for source documents, names and organizational titles of individuals providing information, etc. Completion of this "Source of Data" block is critical since some of the information requested may be available from a non-DoD source such as a published document from the local chamber of commerce, school board, etc. Certification of data obtained from a non-DoD source is then limited to certifying that the information contained in the data call response is an accurate and complete representation of the information obtained from the source. Records must be retained by the certifying official to clearly document the source of any non-DoD information submitted for this data call.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

General Instructions/Background (Continued):

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

Note 1: Throughout this data call, the term **"activity"** is used to refer to the DON installation that is the addressee for the data call.

Note 2: Periodically throughout this data call, questions will include the statement that the response should refer to the **"area defined in response to question 1.b., (page 3)"**. Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, **the scope of the "area defined" may be limited to the sum of:**

- **those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,**
- **those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.**

Note 3: Responses to questions referring to **"civilians"** in this data call should reflect **federal civil service appropriated fund employees.**

1. Workforce Data

a. Average Federal Civilian Salary Rate. Provide the projected FY 1996 average gross annual appropriated fund **civil service** salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

Average Appropriated Fund Civilian Salary Rate:	42,091

Source of Data (1.a. Salary Rate): SUPSHIP Bath Derived

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
Sagadahoc	ME	9	112	45	10	15
Cumberland	ME	11	60	26	35	45
Lincoln	ME	1	26	10	30	45
Androscoggin	ME	3	20	8	35	50
York	ME	0	13	5	45	60
Kennebec	ME	0	7	3	35	45
Knox	ME	0	6	2	50	80
Other	ME/ NH	0	3	1	70	85

= 100%

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

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.b. 1) & 2) Residence Data): SUPSHIP Bath Derived

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)
Portland, ME (includes 17 surrounding towns)	Cumberland	40

Source of Data (1.c. Metro Areas): Maine State Dept of Labor, Research Div

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	1	.5
25 - 34 Years	36	15
35 - 44 Years	80	32
45 - 54 Years	99	40
55 - 64 Years	30	12
65 or Older	1	.5
TOTAL	247	100 %

Source of Data (1.d.) Age Data): SUPSHIP Bath Derived

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Education Level of Civilian Workforce

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	115	47
1-3 Years of College	40	16
4 Years of College (Bachelors Degree)	76	31
5 or More Years of College (Graduate Work)	16	6
TOTAL	247	100 %

2) Degrees Achieved. Complete the following table for the activity's **civil service** workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	9
Associate Degree	11
Bachelor Degree	76
Masters Degree	13
Doctorate	1

Activity: N62786

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): HRO Groton

f. Civilian Employment By Industry. Complete the following table to identify by "industry" the type of work performed by **civil service** employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

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

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09	0	0
2. Construction (includes facility maintenance and repair)	15-17	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	97	39
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0

Activity: N62786

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
Sub-Total 3a. through 3e.	20-39	97	39
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	21	9
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	21	9
5. Services	70-89		
5a. Lodging Services	70	0	0
5b. Personal Services (includes laundry and funeral services)	72	0	0
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	33	13.5
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0

Activity: N62786

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5h. Health Services	80	0	0
5i. Legal Services	81	1	.5
5j. Educational Services	82	1	.5
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	57	23
5n. Other Misc. Services	89	18	7
Sub-Total 5a. through 5n.:	70-89	110	44.5
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	1	.5
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	4	2
6c. Public Finance	93	6	2
6d. Environmental Quality and Housing Programs	95	8	3
Sub-Total 6a. through 6d.		19	7.5
TOTAL		247	100 %

Source of Data (1.f.) Classification By Industry Data): HRO Groton

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

g. Civilian Employment by Occupation. Complete the following table to identify the types of "occupations" performed by **civil service** employees at the activity. Employees should be categorized based on their primary duties. Additional information on categorization of employment by occupation can be found in the Department of Labor Occupational Outlook Handbook. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Occupation Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Occupation Types" identified in the table. Refer to the descriptions immediately following this table for more information on the various occupational categories. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. **Leave shaded areas blank.**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	55	22
2. Professional Specialty		
2a. Engineers	44	18
2b. Architects and Surveyors	8	3
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	1	.5
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	53	21.5
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	83	33.5
Sub-Total 3a. and 3b.:	83	33.5
4. Administrative Support & Clerical	56	23
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	0	0
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	0	0
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0
TOTAL	247	100 %

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.g.) Classification By Occupation Data): HRO Groton

Description of Occupational Categories used in Table 1.g. The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate **appropriated fund civil service jobs** at the activity.

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

h. Employment of Military Spouses. Complete the following table to provide estimated information concerning **military spouses** who are also employed in the area defined in response to question 1.b., above. **Do not fill in shaded area.**

1. Percentage of Military Employees Who Are Married:	92
2. Percentage of Military Spouses Who Work Outside of the Home:	41
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:	22% (2)
3b. Employed "On-Base" - Non-Appropriated Fund:	0
3c. Employed "Off-Base" - Federal Employment:	0
3d. Employed "Off-Base" - Other Than Federal Employment	78% (7)

Source of Data (1.h.) Spouse Employment Data): SUPSHIP Bath Derived

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

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

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

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

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	A	B
Schools - Public	A	A	B
Schools - Private	A	A	B
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	N/A	N/A	N/A
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	A	A
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:			
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	A
Energy Distribution	A	A	A
Wastewater Collection	A	A	B
Wastewater Treatment	A	A	B
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	B
Hazardous/Toxic Waste Disposal	A	A	B
Recreational Activities	A	A	A

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Source of Data (2.a. 1) & 2) - Local Community Table): SUPSHIP Bath Derived

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	A	A
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	N/A	N/A	N/A
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	A	A
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:			
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	A
Energy Distribution	A	A	A
Wastewater Collection	A	A	A
Wastewater Treatment	A	A	A
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A	A	A
Recreation Facilities	A	A	A

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Source of Data (2.b. 1) & 2) - Regional Table): SUPSHIP Bath Derived

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

3. Public Facilities Data:

a. **Off-Base Housing Availability.** For the counties identified in the response to question 1.b. (page 3), in the aggregate, estimate the current average vacancy rate for community housing. Use current data or information identified on the latest family housing market analysis. For each of the categories listed (rental units and units for sale), combine single family homes, condominiums, townhouses, mobile homes, etc., into a single rate:

Rental Units: 6% - 10%

Units for Sale: 5% - 10%

Source of Data (3.a. Off-Base Housing): Realtors, County Boards of Realtors

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

b. Education.

1) Information is required on the current capacity and enrollment levels of school systems serving employees of the activity. Information should be keyed to the counties identified in the response to question 1.b. (page 3).

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
12 School Districts	Androscoggin	32	6	10	17,320	**	***	**** 25:1	No
16 School Districts	Cumberland	67	18	21	39,728	**	***	**** 25:1	Yes
19 School Districts	Kennebec	36	10	11	20,197	**	***	**** 25:1	No
9 School Districts	Knox	21	3	4	5,887	**	***	**** 25:1	No
19 School Districts	Lincoln	15	2	3	5,303	**	***	**** 25:1	No
13 School Districts	Oxford	25	7	8	10,037	**	***	**** 25:1	No
8 School Districts	Sagadahoc	13	3	5	6,478	**	***	**** 25:1	Yes
13 School Districts	Waldo	22	4	5	5,763	**	***	**** 25:1	No
15 School Districts	York	46	13	12	28,820	**	***	**** 25:1	No
11 School Districts	Somerset	31	5	7	9,143	**	***	**** 25:1	No

* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.
** Unavailable *** Statewide 13:1 **** State Imposed

Source of Data (3.b.1) Education Table): Me. Dept of Education, Management Information Office

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): SUPSHIP Bath Derived

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Cumberland
Andover College
Bowdoin College
Casco Bay College
Maine College of Art
Saint Joseph's College
University of Southern Maine
Westbrook College

Androscoggin
Bates College
CMMC, School of Nursing
Mid-State College

York
University of New England

Kennebec
Colby College
Thomas College
University of Maine at Augusta

Waldo
Unity College

Source of Data (3.b.3) Colleges): Me. Dept. of Education, Office of Higher Education

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:

Central Maine Technical College: Architectural & Civil Engineering, Automotive, Communication/Social Science, Computer, Construction, Developmental Studies, Electromechanical, Food Preparation, Graphic Arts, Learning Resources, Machine Tool Drafting, Machine Tool Technology, Math and Science, Metal Fabrication, Metal Trades, Nursing, Occupational Health and Safety, Supervisory Business, Welding

Kennebec Valley Technical College: Electrical, Electronics, Emergency Medical (Paramedic), English/Communications, Heavy Equipment Maintenance, Mathematics/Science, Medical/Dental Assisting, Nursing, Respiratory Therapy, Secretarial Science, Social Sciences

Southern Maine Technical College: Building Construction, Cardiovascular Technology, Clerical Studies, Culinary Arts, Developmental Studies, Drafting, Electrical/Electronics, Energy Testing Laboratory, English, Extended Studies Program, Fire Science Tech., Health Services, Heating/Air Conditioning, Heating/Plumbing, Industrial Electricity, Law Enforcement Tech., Librarian, Licensed Practical Nursing, Machine Tool Tech, Marine Science, Mathematics, Mechanical Drafting, Physical Education, Physics, Plant & Soil Technology, Plumbing, PWNPC Remodeling Program, Radiation Therapy, Radiologic Tech., Remedial Studies, Science, Social Science, Wastewater Technology, Welding

Source of Data (3.b.4) Vo-tech Training): Maine Dept. of Education

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:	___	x
Rail:	___	x
Subway:	___	x
Ferry:	___	x

Source of Data (3.c.1) Transportation): City of Bath, ME

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.

Boston, MA 136 Miles

Source of Data (3.c.2) Transportation): AMTRAC (1-800-872-7245)

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.

Portland Jetport - 38 Miles

Source of Data (3.c.3) Transportation): Portland Jetport Manager's Office

4) How many carriers are available at this airport?

Five (5)

Source of Data (3.c.4) Transportation): Portland Jetport Manager's Office

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

I-95 - 11 Miles

Source of Data (3.c.5) Transportation): Maine State Dept of Transportation

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.)

Activity is located in a residential area. Traffic is heavy during first shift release (twenty minute slow down time)

b) Do access roads transit residential neighborhoods?

Yes

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

No. Activity is located on city street.

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

Carlton Bridge in Bath, ME on Route 1 (draw bridge), Frank Woods Bridge in Topsham, ME on Route 201.

Source of Data (3.c.6) Transportation): Maine State Dept of Transportation

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

d. **Fire Protection/Hazardous Materials Incidents.** Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service.

BIW has it's own Fire Dept, City of Bath has full time fire and Hazardous Materials Incidents Response. There is also a tri-county (Sagadahoc, Cumberland, and Lincoln) Hazardous Materials Incident Agreement.

Source of Data (3.d. Fire/Hazmat): SUPSHIP Bath Derived

e. **Police Protection.**

1) What is the level of legislative jurisdiction held by the installation?
BIW Corp. provides security, SUPSHIP Bath has a Security Manager.

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.
Same as above.

3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?
No

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.
N/A

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.
N/A

Source of Data (3.e. 1) - 5) - Police): SUPSHIP Bath Derived

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

f. **Utilities.**

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.

No

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): SUPSHIP Bath Derived

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. Bath Iron Works	Shipbuilding	9,251
2. Brunswick Naval Air Station*	Submarine Surveillance	3,925
3. Maine Medical Center	Medical Services	3,682
4. L.L. Bean	Retail	3,514
5. Hannaford Brothers Company	Retail	3,243
6. UNUM	Insurance	3,180
7. Central Maine Power Company	Electric Utility	2,021
8. S.D. Warren	Pulp and Paper	1,500
9. Central Maine Medical Center	Medical Services	1,200
10. St. Mary's Hospital	Medical Services	1,126

* Includes military personnel

Source of Data (4. Business Profile): Me. Dept. of Labor, SUBSHIP Bath Derived

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

5. **Other Socio-Economic Impacts.** For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. Loss of Major Employers:

Numerous large employers have had layoffs in the last several years, and the future remains in doubt for several facilities. In looking at the area defined by question 1.b., the major employers would be Bath Iron Works (BIW), NAS Brunswick (NASB), Maine Medical Center, and L.L. Bean. The Maine State Planning Office iterated in their long-term economic analysis that Maine is 4th in the nation in terms of their dependency on defense spending, with federal expenditure representing 7.6% of Maine's gross State Product. Loss of BIW would be most significant, causing the loss of 9,200 employees directly and another estimated 4,000 secondary employees as a result of the payroll loss on the local economy. If BIW was to shut down, the direct result would be a Bath-Brunswick-Topsham Labor Market Area unemployment rate of over 26%. In some neighboring towns like Bowdoinham, as much as one-third of the labor force could be out of work. The direct and indirect totals represent a loss of 13,200 jobs or nearly 40% of the local work force unemployed. The Bath-Brunswick-Topsham Labor Market Area has already qualified for and received Office of Economic Adjustment Assistance as a result of layoffs at BIW since the early 1990's (approximately 2,300 jobs). L.L. Bean's, with its approximately 3,500 employees, would make another significant negative impact if it went out of business or relocated (note: we do not have any source data on the impact of Bean's closure to the local economy, but we feel it would be similar to either BIW or NASB). The closure of NASB would cause a significant blow to the local economy, with the loss of 800 direct civilian employees, and the economic impact of military salary goods and services contracts over $115 million. An estimated 1,624 secondary and tertiary jobs would also be lost for a total of 2,400 jobs, and would raise the local unemployment rate by 7.6%. In a worst-case defense cutback scenario, if both BIW and NASB closed, the local unemployment rate would rise to an estimated 48%.

The number of employers in the southern, central, and mid-coast counties* increased between 1989 and 1993, but the growth was entirely concentrated among very small businesses. The number of companies with fewer than five workers grew by 974 while the number with five or more fell by 212.

b. Introduction of New Businesses/Technologies:

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

We surveyed the chambers of commerce of the surrounding communities and the most significant introduction of new business within twenty miles of SUPSHIP Bath was the addition of Walmart (250 employees). Additionally, the Maine Medical Center has expanded its health services and added another 282 employees in the last two years. With the exception of new, very small retail and service businesses, there are no new, major, technologies moving into the area.

c. Natural Disasters:
None.

d. Overall Economic Trends:

The economy of the southern, central, and mid-coast counties of Maine suffered a severe downturn between 1989 and 1992 as defense spending declined and real estate values plummeted. The building boom of the 1980s left an overhang of commercial and residential space, which caused upheaval in the financial services industry. There has been a major consolidation of the banking industry in recent years, with several of the states largest banks being acquired by larger holding companies and some banks closing.

In the past five years, the local economy has mirrored the national economy, except unemployment has risen above the national average. Since 1989, unemployment in the two-state (Maine-New Hampshire) region has increased to an extraordinary 9.2%, with manufacturing and construction sectors particularly hard hit. At best, local area unemployment seems to be leveling off, according to Maine Department of Labor statistics. Bright news for the area was the award of two more Aegis Destroyer contracts for BIW, and an expanding level of activity at L.L. Bean's Brunswick Manufacturing facility. Bowdoin College continues to provide a stable employment influence on the local economy, consistently enrolling a student body of 1,400. Generally, the economy of Maine, as is the case nationally, has been undergoing a major restructuring, as companies downsize to become more productive. Companies such as L.L. Bean and National Semi-Conductor experienced this trend earlier than some and are now on the upswing. Others, such as NYNEX, are expected to downsize during the rest of 1994 and 1995.

The outlook for the next five years is for a continuing return to stability. Employment is expected to increase slightly between 1993 and 1998. The population is not expected to grow during that period as the out-migration continues.

* Androscoggin, Cumberland, Kennebec, Knox, Lincoln, Oxford, Sagadahoc, Waldo, and York Counties

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (5. Other Socio/Econ): Maine State Economic Analysis and Research Division, SUPSHIP Bath Derived

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

Navy AEGIS support contractors employed at SUPSHIP Bath total 203.

Source of Data (6. Other): SUPSHIP Bath Derived

Data Being Certified: BRAC 95 Data Call Number 65, SUPSHIP BATH

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Mgmt and Field Support Activity
Title

7/28/94
Date

Naval Sea Systems Command
Activity

~~I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.~~
NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

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

G R Sterner
Signature

8/2/94
Date

Title
Commander
Naval Sea Systems Command

Activity

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

17 AUG 1994
Date

ACTIVITY: N62786

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

D. K MACKENZIE
NAME (Please type or print)

Signature

SUPERVISOR
Title

7/15/94
Date

SUPSHIP BATH, ME
Activity

Activity: N62786

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Supervisor of Shipbuilding, C&E, USN, Bath, ME
UIC:	N62786
Host Activity Name (if response is for a tenant activity):	None
Host Activity UIC:	None

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

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

a. **Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).** This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Activity: N62786

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: SUPSHIP Bath		**UIC:** N62786	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	0	0	0
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	0	0	0
2. Other Base Operating Support Costs:			
2a. Utilities	0	0	0
2b. Transportation	14	0	14
2c. Environmental	55	40	95
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	0	0	0
2j. Other (Specify)	3	0	3
2k. Sub-total 2a. through 2j:	72	40	112
3. Grand Total (sum of 1c. and 2k.):	72	40	112

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: **N/A**

Appropriation	Amount ($000)

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

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.

Activity: N62786

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: SUPSHIP Bath		**UIC:** N62786	
Category	**FY 1996 Net Cos From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	0
1c. Sub-total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2m. Sub-total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0

Activity: N62786

DATA CALL 66
INSTALLATION RESOURCES

4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

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: SUPSHIP Bath	**UIC:** N62786
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	56
Material and Supplies (including equipment):	336
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.):	353
Total:	745

Activity: N62786

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: SUPSHIP Bath	**UIC:** N62786
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
Total Workyears:	0

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

DATA CALL 66
INSTALLATION RESOURCES

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

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)):

2) Estimated number of workyears which would be eliminated:

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):

DATA CALL 66
INSTALLATION RESOURCES

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

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

Data Being Certified: BRAC 95 Data Call Number 66, SUPSHIP BATH

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Mgmt & Field Activity Support
Title

8/2/94
Date

Naval Sea Systems Command
Activity

~~I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.~~
NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

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

G R Sterner
Signature

8-15-94
Date

Title

Naval Sea Systems Command
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

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

W A Earner
Signature

9/2/94
Date

Title

ACTIVITY: N62786

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

D. K MACKENZIE
NAME (Please type or print)

Signature

SUPERVISOR
Title

7/19/94
Date

SUPSHIP BATH, ME
Activity

130

ACTIVITY: N62673

DATA CALL FOR MILITARY VALUE
For
Supervisors, Shipbuilding, Conversion and Repair
Charleston, SC

Questions for the Activities

Primary UIC: N62673
(Use this number as the Activity Identification at the top of each page.)

Mission Area

1. Construction and Conversion of Ships and Craft

1.1 List all types and classes of ships, barges, and boats (collectively called vessels) which are designed, fabricated, erected, manufactured, trialed and delivered (collectively referred to as work packages) to the Navy and other government agencies under the supervision of your SUPSHIP. Specify the type of vessel and type of work for the period requested in the table below. Specify all work performed on behalf of non-DOD agencies. Identify the workload supervised by specific vessel type and number of work packages of that type.

Table 1.1.a: **Historic and Projected Construction and Conversion Workload**

Vessel / Package	Workload (number of work packages)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
None	None	None	None	None	None	None	None	None
Total								

NOTE: **New construction at Savannah, GA reported under SUPSHIP NEW ORLEANS as the Savannah Detachment transferred to New Orleans cognizance in 1992.**

1. Construction and Conversion of Ships and Craft, continued

Table 1.1.b: **Historic and Projected Construction and Conversion Workload**

Vessel/ Package	Workload (number of work packages)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
None	None	None	None	None	None	None	None	None
Total								

1.2 Identify any specialized, unique or peculiar characteristics regarding the ability of this SUPSHIP to represent the government and oversee the work identified in Table 1.1 (design, fabrication, erection, manufacture, trials and delivery) on specific types of vessels. Highlight those capabilities which are "one of a kind" within the DON/DoD.

NONE.

Mission Area

2. Maintenance and Modernization of Navy Ships and Craft

2.1 Identify all types and classes of ships, barges, and boats (collectively called vessels) which are planned, contracted for, repaired, modernized, and otherwise delivered to the Navy under the supervision of your SUPSHIP. Identify the type of vessel and type of work performed for the period requested in the table below. Specify all work performed on behalf of non-DON agencies. Identify the workload supervised by specific vessel type and number of work packages of that type.

Table 2.1.a: **Historic and Projected Maintenance and Modernization Workload**

Vessel/ Work Package	Workload (number of work packages)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
AD/VR TAV RAV SRA	5	9	7	3	5	6	4	5
AE/VR TAV RAV SRA PMA	14	13	16	12	14	19	25	11
AS/VR TAV RAV	2	6	7	4	11	12	2	2
BERTHING BARGES	6	3	1	4	0	3	3	0
CG/VR TAV RAV	16	15	6	13	23	5	12	12
DD/VR TAV SRA	44	25	46	42	68	47	39	52
DDG/VR TAV RAV SRA	41	36	54	51	61	31	8	1
FF/VR TAV RAV SRA	65	43	23	33	36	45	15	2
FFG/VR TAV SRA DSRA	32	30	57	61	88	87	80	76

MCM/VR TAV PSA PMA	0	0	0	0	1	2	4	5
MSB/TAV RAV ROH	7	5	7	4	7	1	0	0
MSO/TAV VR DSRA ROH	32	24	20	19	23	14	12	6
SMALL CRAFT/VR TAV ROH	69	65	42	67	50	55	38	29
TOTALS:	333	274	286	313	387	327	242	201

2. Maintenance and Modernization of Navy Ships and Craft, continued

Table 2.1.b: **Historic and Projected Maintenance and Modernization Workload**

Vessel / Work	Workload (number of work packages)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
AE/VR TAV RAV SRA PMA	22	22	0	0	0	0	0	0
AS/VR TAV RAV	2	0	0	0	0	0	0	0
CG-28/VR TAV RAV	16	0	0	0	0	0	0	0
DD/VR TAV RAV SRA	40	25	0	0	0	0	0	0
FFGs/VR TAV RAV SRA DSRA	52	30	2	0	0	0	0	0
MHC/VR TAV PSA	4	1	4	4	1	1	0	0
BERTHING BARGES	4	2	1	1	1	1	1	1
SMALL CRAFT/VR TAV ROHs	24	12	7	7	7	7	7	7
MCM/PMA	1	1	0	0	0	0	0	0
TOTALS:	165	93	14	12	9	9	8	8

NOTE: FY 1995-2001 workload is based upon awarded shipwork contracts and estimated new ship awards.

2.2 Identify any specialized, unique, or peculiar characteristics regarding the ability of this SUPSHIP to represent the government and oversee the work identified in Table 2.1 (planned, contracted for, repaired, modernized, and otherwise delivered) on specific types of vessels. Highlight those capabilities which are "one of a kind" within the DON/DoD.

SUPSHIP CHARLESTON is the only supship assigned class planning responsibilities for Mine Counter Measure (MCM) ships. Includes development of class Standard Work Items, Notional Work Package, Advance Planning, PCO responsibilities and ACO responsibilities for those MCMs awarded in the local area.

Additionally, SUPSHIP CHARLESTON is supporting NAVSEA PMS 303 with advance planning and PCO efforts for Mine Hunter Coastal (MHC) class ships for Post Shakedown Availabilities.

Features and Facilities

3. Shipbuilders and Shipyards in Area of Cognizance

3.1 List the Master Ship Repair Agreement (MSRA) holders and the Agreement for Boat Repair (ABR) holders in your SUPSHIP's area of cognizance. Identify the characteristics of each agreement holder, including the number of graving docks (certified and noncertified) and wet slips they have which are sized to accommodate naval vessels, the total number of direct labor (DL) shipyard workers (as of 31 March 1994), and the closest, by water, active duty naval base homeporting a naval vessel, and the distance (by water) in miles, from the MSRA/ABR holder to that naval base.

Table 3.1: **MSRA and ABR Status**

MSRA or ABR Holder	Type of Agreement	Facility Characteristics				
		# Graving Docks	# Wet Slips	Total # DL Employees	Closest Naval Base	Miles
Braswell Services Group	ABR	None	2	137	Charleston, SC	5
Detyens Shipyard, Inc. (Wando Division)	MSR/ABR	None	4	364	Charleston, SC	12
Detyens Shipyard, Inc. (Shipyard Creek Division)	MSR/ABR	None	2	364	Charleston, SC	1.5
Metal Trades, Inc. (Yonges Island Division)	MSR/ABR	None	2	192	Charleston, SC	20
Metal Trades, Inc. (Shipyard Creek Division)	MSR/ABR	None	2	192	Charleston, SC	1.5
Delta Marine (Wilmington, NC)	ABR	None	0	51	Charleston, SC	160
Intermarine USA (Savannah, GA)	MSR/ABR	1	3	529	Kings Bay, GA	60

Additional Comments:

3. Shipbuilders and Shipyards in Area of Cognizance, continued

3.2 In the Table below, list each dock of each MSRA/ABR holder within your area of cognizance. Identify the current disposition of naval certified and non-certified drydocks within that list of Agreement holders. Use the number of each dock reported (from this table listing) as the key to your entries in question 3.3. Reproduce this table and table 3.3 as necessary.

Table 3.2: **Drydock Certification Status**

DD#	MSRA / ABR Holder	Currently Certified? (Y / N)
1	Detyens Shipyards, Inc. (ex-YFD-16)	N
2	Detyens Shipyards, Inc. (ex-AFDL-47)	Y
3	Metal Trades, Inc. (MR #1)	Y
4	Braswell Services Group (ex-AFDL 18)	Y
5	Delta Marine, Inc. (FDD #1)	N
6	Intermarine, USA (GDD #1)	Y
7	Intermarine, USA (MR #1)	Y
8		
9		
10		

3. Shipbuilders and Shipyards in Area of Cognizance, continued

3.3. Identify the capability of all active graving and floating drydocks, and marine railways where appropriate, at each of the non-DoN shipbuilding or repair facility contractors in your area of responsibility in Table 3.1. In Tables 3.3.a and 3.3.b below, credit the listed drydock(s) with a "P" for any shipwork performed/programmed to be performed during the period FY 1986 through FY 2001 on each class of vessel specified. Credit the drydock with a "C" if the dock is capable of, but has not yet performed or been programmed to perform work on the class of vessel specified. Comment on all "C" entries in the space following the table; note any modifications factored into your evaluation of "capable."

Table 3.3.a: **NonNaval Graving and Floating Drydock Capabilities**

Class of Vessel	DD #									
	1	2	3	4	5	6	7	8	9	10
SSBN 726										
SSN 688										
SSN 21										
CVN 68										
CV 62										
AD 41										
AOE 1										
AOE 6										
ARS 50		*C				*C				
AS 36/39										
LCC 19										
LCC 20										
LPD 4										
LPH 2										
LSD 36										
LSD 41										
MCM1 / MCS12 / MHC 51		P				P				

*** No Modifications Required.**

3. Contingency and Mobilization Features, continued

Table 3.3.b: **NonNaval Graving Drydock Capabilities** **NONE**

Class of Vessel	DD #										
	1	2	3	4	5	6	4	7	8	9	10
AFDB-8/AFDL/ AFDM/ARDM											
NR-1											
AGF 3 / AGF 11											
CG 47											
DD 963											
DDG 51											
DDG 993											
FFG 7											
LHA 1											
LHD 1											
CGN 38											

3.3 Identify any specialized, unique or peculiar equipments and/or facilities possessed by the commercial entities listed in Table 3.1 which enhance the ability of this SUPSHIP to represent the government and oversee the work identified in Tables 1.1 and 2.1. (If the special capability is tied to one of the drydock identified in question 3.3, so indicate.) Highlight those capabilities which are "one of a kind" within the DON/DoD.

NONE.

Features and Facilities

4. Stand Alone Factors

4.1 Identify the support (police, fire protection, etc.) now provided by the host shipyard, naval activity or other source. Add any additional applicable factors. Identify what factors would be needed by your SUPSHIP if the host activity is closed.

Table 4.1: **Support Facilities**

Support	Currently Obtained from:	Needed if Host Closes?
Police	City of North Charleston	N/A
Security	City of North Charleston	N/A
Fire	City of North Charleston	N/A
Cafeteria	GSA	N/A
Parking	GSA	N/A
Utilities	GSA	N/A
Child Care	None	N/A

4.2 If this SUPSHIP is relocated, what new location(s) (for the SUPSHIP) most efficiently provides adequate oversight of these support functions? Provide details of associated costs incurred for necessary support services, distance to major naval concentrations, etc.

Current GSA lease expires on 30 June 1998. With the closure of the Naval Station, Charleston (BRAC 93), it is possible that our office could be relocated to the Naval Weapons Station Charleston (NWS) and services provided through an intraservice support agreement. These services are non-reimbursable. NWS is 10 miles from SUPSHIP CHARLESTON.

4. Stand Alone Factors, continued

4.3 List the class I or II real property the SUPSHIP owns or leases, providing square footage or acreage as appropriate.

Table 4.3: **Real Property**

Type of Property	Class	Current Use	Location	Size (SF or Acres)
Office - GSA lease	II	Main Office	3601 Meeting St. Road, Charleston, SC	21,963
Warehouse - GSA lease	II	Material Storage	3601 Meeting St. Road, Charleston, SC	16,219
Warehouse - Support Agreement	II	Material Storage	Naval Station, Charleston, SC	1,035

4.4 Does the SUPSHIP maintain any family housing? **No**

If Yes, is there another DoD agency nearby that could be assigned the property? Yes / No

If Yes, Please identify: _____

Features and Facilities

5. Facility Measures

5.1 Identify, by three digit Category Code Number (CCN), *all government facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 5.1: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
	None				
Activity TOTAL:					

5. Facility Measures, continued

5.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories in Table 5.1, above, where inadequate facilities are identified provide the following information:

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

NONE.

Costs

6. Travel Requirements

6.1 Identify the annual executed and planned travel budget, in thousands of dollars ($ K), for inspections and coordination visits to shipbuilders, shipyards, and ships in the area of cognizance. In the third row, identify the executed and planned expenditures for liaison and coordination with the headquarters command and the naval shipyards.

Table 6.1.a: **Travel Expenses ($ K)**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Inspections	500	241	283	343	408	609	304	129
Coordination								
Liaison	67	109	88	102	113	55	26	32
Other	38	75	51	49	23	23	38	15
Total	605	425	422	494	544	683	368	176

Table 6.1.b: **Travel Expenses ($ K)**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Inspections	120	118	59	28	14	14	14	14
Coordination								
Liaison	77	37	18	10	5	5	5	5
Other	10	5	3	2	1	1	1	1
Total	207	160	80	40	20	20	20	20

Comments: Accounting records do not provide detail for split between inspections and coordination travel.

Costs

7. Workload Summary

7.1 Identify the annual procurements supervised by this activity for the period requested. Report each appropriation type (e.g. SCN, OMN) as a separate line.

Table 7.1.a: **SUPSHIP Workload Value ($M)**

APPN	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
OMN	58.4	53.7	58.9	59.8	48.8	70.3	41.1	33.2
SCN	1.2	8.5	15.9	45.7	43.5	42.3	59.0	2.4
OPN	0	0	0	0	1.5	1.3	4.3	3.9
DBOF/NIF	0	0	1.5	2.4	1.7	1.1	2.2	1.1
OMN,R	1.0	1.0	.9	6.6	4.1	2.7	6.2	1.7
RDT&E	0	0	0	0	.4	.7	.7	1.2
FMS	0	0	0	.5	1.1	0	.1	0
WPN	0	0	0	0	0	0	.1	0
USCG	0	0	.2	0	0	0	0	0
GRAND TOTAL:	60.6	63.2	77.4	115.0	101.1	119.2	113.7	43.5

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Table 7.1.b: **SUPSHIP Workload Value ($M)**

APPN	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
OMN	24.4	28	20	10	5	5	5	5
SCN	2.3	0	0	0	0	0	0	0
OPN	3.7	0	0	0	0	0	0	0
DBOF	12.8	12	0	0	0	0	0	0
OMN,R	0	0	0	0	0	0	0	0
RDT&E	.2	0	0	0	0	0	0	0
WPN	.2	0	0	0	0	0	0	0
GRAND TOTAL:	43.6	40	20	10	5	5	5	5

FY 1995 - 2001 workload is based upon awarded ship work contracts.

Costs

8. Investments

8.1. List the project number, description, funding year, and value of the *capital improvements at your base completed (beneficial occupancy) during FY 1988 to FY 1994.* Indicate if the capital improvement is a result of BRAC realignments or closures.

Table 8.1: **Capital Improvement Expenditure**

Project	Description	Fund Year	Value ($K)
	None		

8.2. List the project number, description, funding year, and value of the *non-BRAC related capital improvements planned* for years FY 1995 through FY 1997.

Table 8.2: **Planned Capital improvements**

Project	Description	Fund Year	Value ($K)
	None		

8. Investment, continued

8.3 List the project number, description, funding year, and value of the *BRAC related capital improvements planned* for FY 1995 through FY 1999.

Table 8.3: **Planned BRAC Capital improvements**

Project	Description	Fund Year	Value
	None		

8. Investment, continued

8.4 Identify by Investment Category Code and Name (e.g. 05-Training Facilities; 14-Administration) the actual investment at your activity, to include all MCON, maintenance and repair, installed equipment, and minor construction, in thousands of dollars ($ K) over the period FY 1990 through FY 1994 for all your facilities. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 8.1-8.3 above.

Table 8.4: **Historic Investment Summary**

Investment Category	$ K
IC14 - Administrative	78
IC18 - Real Estate/Ground Structure	[illegible]
IC Other	25
Minor Construction	80
Other (specify)	
Equipment (other than Class 2)	878
Activity TOTAL	$1,064

8.5 What is the total planned investment, in thousands of dollars ($ K), over the period FY 1995 through FY 2001?

Total planned Investments = $ **350** K

8. Investments, continued

8.6 Provide a list of all other documented major facility deficiencies not addressed in 8.1-8.3 (e.g. major repairs) and the estimated cost to rectify each at this activity. Identify the reduction in operating costs anticipated in relation to each deficiency correction.

Table 8.6: **Facility Deficiencies**

Deficiency	Cost to Correct ($ K)	Result of Corrections
None		

Costs

9. Resource Employment

9.1 Identify the total Man Hours (MHs) expended by functional areas at your activity. Provide the FY 1993 capability (notional normal work week of 1-8-5) and the FY 1993 capability if operating a full second shift at the SUPSHIP.

Table 9.1: **Functional Area Performance Distribution**

Functional Areas	FY 1993	2nd Shift
Staff	8,348	None
Administration	18,783	None
Planning & Engineering	93,915	None
Quality Assurance	108,524	*N/A
Contracts	39,653	None
Material	16,696	None
TOTAL:	285,919	None

*** NOTE: Quality Assurance Department maintains two (2) personnel on the second shift.**

Strategic Concerns

10. Contingency and Mobilization Features

10.1 Given your SUPSHIP's current staffing levels, identify how many additional shipbuilding and repair projects, and of what type, could be placed under your SUPSHIP's cognizance over the period FY 1995-2001. Please provide your response in both units of workload (identified by project type) and in Man Hours (MHs) expended of SUPSHIP supervision required for that workload, by specific type of vessel work packages.

Table 10.1.a: **Maximum Workload - Current Staffing**

Additional Projects (Vessel / Work Package)	Workload (numbers of work packages)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
None	None	None	None	None	None	None	None

Table 10.1.b: **Maximum Workload - Current Staffing**

Additional Projects (Vessel / Work Package)	Workload (SUPSHIP MHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
None	None	None	None	None	None	None	None

10. Contingency and Mobilization Features, continued

10.2 Given (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which your SUPSHIP's operations (all types of projects) could be expanded, based on current and future planned workload mixes? Please provide your response in both units of workload (identify project type) and in Man Hours (MHs) expended of SUPSHIP supervision required for that additional workload by specific type of vessel work packages.

Table 10.2.a: **Maximum Potential Workload**

Additional Projects (Vessel / Work Package)	Workload (Units)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
FFG-7/DSRA	2	4	4	4	4	4	4
MCM/DSRA	2	4	4	4	4	4	4
FFG-7/SRA	1	2	2	2	2	2	2
DD-963/SRA	2	3	3	3	3	3	3
MCM/SRA	2	3	3	3	3	3	3

Table 10.2.b: **Maximum Potential Workload**

Additional Projects (Vessel / Work Package)	Workload (MHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
FFG-7/DSRA	6,400	12,800	12,800	12,800	12,800	12,800	12,800
MCM/DSRA	1,536	3,072	3,072	3,072	3,072	3,072	3,072
FFG-7/SRA	1,536	3,072	3,072	3,072	3,072	3,072	3,072
DD-963/SRA	3,840	5,760	5,760	5,760	5,760	5,760	5,760
MCM/SRA	1,536	2,304	2,304	2,304	2,304	2,304	2,304

10. Contingency and Mobilization Features, continued

10.3 Identify all restrictions for temporary (up to two weeks) berthing of warships with full magazines and not gas-free fuel tanks at the identified facilities within your area of operations.

Table 10.3: **Berthing Restrictions**

Contractor	Distance from Your Site (Miles)	Restrictions
No restrictions for any facility within our area of operations if NAVSEA Operations Manual (OP-4) "AMMUNITION AFLOAT" requirements are met.		

10.4 Inhibitors to Operations in Contractor Facilities. List below the dollar value, in thousands, ($ K), of claims submitted because of hurricanes, blizzards, below-freezing temperatures, earthquakes or other work-impinging natural conditions, for the period requested.

Table 10.4: **Claims ($K)**

Contractor	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994
Metal Trades, Inc.				250					
Total				250					

Environment and Encroachment

11. Environmental Considerations

11.1 Identify all known environmental restrictions to expansion at the identified contractor facilities within the SUPSHIP's area of responsibility. Summarize any ongoing or planned remedial action, if applicable.

Table 11.1: **Environmental Restrictions to Expansion**

Restriction	Location	Impact	Current Status
None	None	None	None

11.2 Describe all undeveloped acreage or waterfront that is available to the identified facilities within the SUPSHIP's area of responsibility, including its size, current state, and the amount of development required to make it useable. Specify any undeveloped acreage that is unique to these facilities.

NONE.

11.3 Identify any specific facilities, programs, or capabilities in regard to the handling and disposal of hazardous materials / waste at the identified facilities within the SUPSHIP's area of responsibility.

All contractors identified in Table 3.1 have the following facilities and programs in place:

Hazardous Waste Accumulation Areas and Hazardous Waste Satellite Areas, Hazardous Communication Program, Contingency Plan, Emergency Spill Kits, Solvent Reclaimer, MSDS Program, Environmental Protection Agency Identification Numbers (Hazardous Waste Generator Numbers), Hazardous Waste disposed of through Hazardous Waste Management Co., capabilities to handle most if not all types of Hazardous Waste.

Environment and Encroachment

12. Encroachment Considerations

12.1 Identify any ground, industrial noise, approach channel, waterway, harbor, airspace or other encroachment of record at the identified facilities within the area of responsibility of this SUPSHIP. Reproduce the table as required so as to report each MSRA/ABR holder in a separate table.

Table 12.1: **Encroachments of Record**

Encroachment	Date Recorded	Current Status
None	None	None

Quality of Life

13. Military Housing - Family Housing

13.1 Do you have mandatory assignment to on-base housing? **No**

Data Source: OPNAVINST 11101.13J

13.2 For military family housing in your locale, provide the following information:

Table 13.2: **Available Military Family Housing**

Type of Quarters	Number of Bedrooms	Total Number of Units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	138	138		
Officer	3	203	203		
Officer	1 or 2	10	10		
Enlisted	4+	636	636		
Enlisted	3	1,166	1,166		
Enlisted	1 or 2	522	522		
Mobile Homes		0	0		
Mobile Home lots		60	N/A		

Data Source: Enclosure (3) COMNAVBASECHASNINST 11101.4N, CH-1 of 5 Oct 93

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

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

Data Source: BASEREP 24 Jun 93

13. Military Housing - Family Housing, continued

13.4 Complete the following table for the military housing waiting list. Report the number on the waiting list as of 31 March 1994.

Table 13.4: **Military Housing Waiting List**

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1	0	0
	2	0	0
	3	1	0
	4+	1	0
O-4/5	1	0	0
	2	0	0
	3	6	1 month
	4+	2	1 month
O-1/2/3/CWO	1	0	0
	2	4	1 month
	3	2	0
	4+	1	0
E7-E9	1	0	0
	2	0	0
	3	36	1 month
	4+	9	1 month
E1-E6	1	0	0
	2	374	4 months *
	3	**	**
	4+	*	**

*** Only 20% of inventory consists of two-bedroom units for enlisted personnel. The waiting time will significantly decrease in the next six months as members on two-bedroom waiting list will be assigned three and four bedroom units. There are only 45 families on the waiting list for the larger units, with a waiting time of only one month. It is anticipated that the waiting time for a two-bedroom unit will decrease to one month by November 1994.**

** E1 - E6 included in E7 - E9 three and 4+ bedroom.

Data Source: WPNSTA Charleston Family Housing Waiting Lists produced by NAVHOMES (5/23/94).

13. Military Housing - Family Housing, continued

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

Table 13.5: **Housing Demand Factors**

	Top Five Factors Driving the Demand for Base Housing
1	Safety and Security
2	Affordability
3	Suitability
4	Community Support
5	Desire to live within the Navy Community

DETAILS:

(1) SAFETY AND SECURITY - WPNSTA Charleston Security Department provides services for enlisted housing areas (MenRiv Park and Hunley Park) and officer housing on the Naval Weapons Station; Naval Station Security provides services to residents in Naval Base housing. With the exception of Naval Base quarters, residents in other housing areas are also affected by the laws of South Carolina. Accordingly, the Berkeley County/Charleston County Sheriffs' Departments or North Charleston/Goose Creek Police Departments and various other State law enforcement agencies provide security services where appropriate.

(2) AFFORDABILITY - For lower grade enlisted personnel (E-1 through E-5), adequate base housing and utilities' costs covered by BAQ is definitely their top priority.

(3) SUITABILITY - All Military Family Housing in Charleston is considered "adequate" in accordance with NAVFAC guidance. Maintenance and improvements on a continuing basis assure superior living conditions for the military families located in the Charleston area.

(4) COMMUNITY SUPPORT - Medical facilities, child care centers, schools, recreational facilities, Family Service Centers are in close proximity to all housing areas.

(5) DESIRE TO LIVE WITHIN THE NAVY COMMUNITY - In many cases, Navy members and their families are more comfortable residing in a close-knit community with their peers, especially military members assigned to afloat commands who deploy for extended periods of time.

As noted in the factors above, priorities would vary by pay grade.

Data Source: Customer feedback; Housing Management experience/opinion.

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

96 %

Data Source: WPNSTA CHASN housing assets consist of 2,675 family housing units and a 60 space mobile home park. Ninety-six percent of these units have all the amenities required by Military Handbook 1190 and Military Handbook 1035 - Family Housing. Ninety-four townhouse units do not have individual carports or garages. They do have two assigned parking spaces in front of each quarters.

13.7 Provide the utilization rate for family housing for FY 1993.

Table 13.7: **Family Housing Utilization**

Type of Quarters	Utilization Rate (%)
Adequate	99.3
Substandard	N/A
Inadequate	N/A

Data Source: Annual Family Housing Inventory and Occupancy Report of 30 September 93.

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

Monthly Family Housing Inventory and Occupancy Reports of Oct, Nov, Dec 93 and Jan, Feb, Mar 94 reveal average occupancy rate of 99.14%.

Quality of Life

14. Military Housing - Bachelor Quarters

14.1 Provide the utilization rate for Bachelor Enlisted Quarters (BEQs) for FY 1993.

Table 14.1: **BEQ Utilization**

Type of Quarters	Utilization Rate
Adequate	83%
Substandard	73%
Inadequate	None

Data Source: Unaccompanied Personnel Housing Inventory and Utilization Data (DD Form 2085).

14.2 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason? **No.**

Yes. Due to the implementation of the minimum standards of acceptability effective 1 Oct 93.

Data Source: Semi-annual report DOD Unaccompanied Personnel Housing Inventory (DD Form 2085).

14.3 Calculate the Average on Board (AOB) for Geographic Bachelors (GB) as follows:

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

$$\frac{24 \times 2{,}340}{365} = 153.86 \qquad AOB = \mathbf{153.86}$$

Data Source: BEQ monthly status report.

14.4 Indicate in the following chart the percentage of Geographic Bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Table 14.4: **Reasons for Geographic Separation (BEQ)**

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	24	100	
Spouse Employment (non-military)	0	0	
Other	24	100	
TOTAL		100 %	

Data Source: WPNSTA CHASN Supply Dept.

14.5 How many enlisted Geographic Bachelors (GB) do not live on base?

Data not available.

 # GB Off-Base = Unknown

14. Military Housing - Bachelor Quarters, continued

14.6 Provide the utilization rate for Bachelor Officers Quarters (BOQs) for FY 1993. N/A

Table 14.6: **BOQ Utilization**

Type of Quarters	Utilization Rate
Adequate	N/A
Substandard	
Inadequate	

No BEQ at WPNSTA Charleston. NAVSTA Charleston is closing (including BOQ).

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

14.8 Calculate the Average on Board (AOB) for Geographic Bachelors as follows:

$$AOB = \frac{(\#\ GB \times average\ \#\ days\ in\ barracks)}{365} \qquad AOB = \_\_\_\_\_$$

N/A.

14.9 Indicate in the following chart the percentage of Geographic Bachelors by category of reasons for family separation. Provide comments as necessary.

Table 14.9: **Reasons for Geographic Separation (BOQ)**

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

ACTIVITY: N62673

14.10 How many officer Geographic Bachelors do not live on base?

Data not available.

GB Off-Base = _____

15. MWR Facilities

15.1 For on-base MWR facilities available, complete the following table for each separate location. These are spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

For off-base government-owned or leased recreation facilities, indicate their distance from your base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION: **No facilities located off base.** DISTANCE **0**

Table 15.1.a: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Auto Hobby	Indoor Bays	5	Y
	Outdoor Bays	1	Y
Arts/Crafts	SF	600	Y
Wood Hobby	SF	---	N/A
Bowling	Lanes	20	Y
Enlisted Club	SF	19,972	N*
Officers Club	SF	---	N/A
Library	SF	6,000	N/A
Library	Books	26,000	N/A
Theater	Seats	150	Y
ITT	SF	806	Y
Museum/Memorial	SF	---	N/A
Pool (indoor)	Lanes	---	N/A
Pool (outdoor)	Lanes	17	Y
Beach	LF	---	N/A
Swimming Ponds	Each	---	N/A
Tennis Court	Each	16	N/A

*** Enlisted Club is expected to be at break-even point by 30 Sep 94 and profitable in FY 95. Financial reports support this trend toward profitability.**

15. MWR Facilities, continued

Table 15.1.b: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Volleyball Court (outdoor)	Each	3	N/A
Basketball Court (outdoor)	Each	4	N/A
Racquetball Court	Each	7	N
Golf Course	Holes	18	Y
Driving Range	Tee Boxes	9	Y
Gymnasium	SF	11,566	N/A
Fitness Center	SF	2,716	Y
Marina	Berths	---	N/A
Stables	Stalls	24	Y
Softball Field	Each	8	N/A
Football Field	Each	---	N/A
Soccer Field	Each	4	N/A
Youth Center	SF	9,760	Y
Outdoor Recreation Area	Acre	1,000	N

Data Source: RAMCAS Financial Statement, Plant Property Records

15.2 Is your library part of a regional interlibrary loan program?

NO.

Data Source: WPNSTA Charleston MWR Dept.

Quality of Life

16. Base Family Support Facilities and Programs

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

BUILDING 755 - DROP-IN CENTER
Table 16.1: **Child Care Availability**

Age Category	Capacity (# of Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 months	3		528		N/A	N/A
6-12 months	2		528		N/A	N/A
12-24 months	10		480		N/A	N/A
24-36 months	14		572		N/A	N/A
3-5 years	47		1,684		N/A	N/A

NOTE: Rated Substandard because each classroom does not have required toileting:
1 running water sink for each 15 3-5 years old, 2 for each under 3. Upgrade project design 100% complete. Project submitted as No. 1 Priority in budget.

ACTIVITY: N62673

BUILDING 788 - WEEKLY CENTER
Table 16.1: Child Care Availability

Age Category	Capacity (# of Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 months	10	1,260			9	90
6-12 months	6	1,260			12	90
12-24 months	30	1,976			36	90
24-36 months	29	936			21	90
3-5 years	58	2,273			74	150

Data Source: CDC Attendance Logs

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

NONE.

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

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

Community Child Care Center and Family Child Care Provider List.

16.4 How many "certified home care providers" are registered at your base? # = **45**

Data Source: May 94 Family Child Care Provider List

16.5 Are there other military child care facilities within 30 minutes of the base? **Yes.**

State owner and capacity (e.g. 60 children, 0-5 years).

Charleston Air Force Base 155 weekly (6 months-5 years)

16. Base Family Support Facilities and Programs, continued

16.6 Complete the following table for services available on your base. If you have any services not listed, include them at the bottom. (Note: PN = number of personnel accommodated.)

Table 16.6: **Available Services**

Service	Unit of Measure	Quantity
Exchange	SF	26,400
Gas Station	SF	4,059
Auto Repair	SF	*
Auto Parts Store	SF	*
Commissary	SF	35,228
Mini-Mart	SF	8,231
Package Store	SF	2,796
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	1
Family Service Center	SF	3,354
Laundromat	SF	435
Dry Cleaners	Each	0
ARC	PN	0
Chapel (WPNSTA Chasn has two chapels: All Saints and the Good Sheppard).	PN	866
FSC Classroom/Auditorium	PN	0

*** Auto repair and Auto Parts Store consolidated with Gas Station.**

Data Source: Navy Exchange Officer/Public Works Dept.

17. Metropolitan Areas

17.1 Identify proximate major metropolitan areas closest to your base (provide at least three):

Table 17.1: **Proximate Metropolitan Areas**

City	Distance (Miles)
Charleston/North Charleston Metropolitan Statistical Area (MSA) (Comprised of three counties - Berkeley, Charleston and Dorchester)	WPNSTA Charleston is located within the MSA
Columbia, SC	110
Charlotte, NC	220
Atlanta, GA	300

Data Source: Rand McNally Road Atlas 1992.

Quality of Life
18. VHA Rates

18.1 Identify the Standard Rate VHA Data for Cost of Living in your area:

Table 18.1: **VHA Rates**

Paygrade	With Dependents	Without Dependents
E1	75.42	42.20
E2	46.28	29.10
E3	34.44	25.37
E4	39.81	27.79
E5	47.89	33.44
E6	63.02	42.90
E7	64.45	44.77
E8	61.17	46.25
E9	75.11	57.02
W1	147.31	111.87
W2	102.82	80.64
W3	139.69	113.55
W4	124.80	110.65
O1E	148.48	110.14
O2E	117.66	93.81
O3E	175.99	148.89
O1	98.27	72.41
O2	87.09	68.07
O3	131.34	110.58
O4	107.51	93.49
O5	159.20	131.65
O6	129.79	107.43
O7	58.01	47.13

Quality of Life

19. Off-base Housing Rental and Purchase

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

Table 19.1: **Recent Rental Rates**

Type of Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	350	275	Included
Apartment (1-2 Bedroom)	425	350	75
Apartment (3+ Bedroom)	475	450	120
Single Family Home (3 Bedroom)	700	500	120
Single Family Home (4+ Bedroom)	900	900	150
Town House (2 Bedroom)	450	425	75
Town House (3+ Bedroom)	500	475	120
Condominium (2 Bedroom)	475	450	75
Condominium (3+ Bedroom)	500	475	120

Data Source: Housing Referral Listing maintained in the Housing Referral Office. Utilities cost provided by South Carolina Electric & Gas (SCE&G) Information Center.

19.2 What was the rental occupancy rate in the community as of 31 March 1994?

Table 19.2: **Rental Occupancy Rate**

Type Rental	Occupancy Rate (%)
Efficiency	85
Apartment (1-2 Bedroom)	85
Apartment (3+ Bedroom)	85
Single Family Home (3 Bedroom)	85
Single Family Home (4+ Bedroom)	95
Town House (2 Bedroom)	85
Town House (3+ Bedroom)	85
Condominium (2 Bedroom)	85
Condominium (3+ Bedroom)	85

Data Source: Greater Charleston Apartment Association.

Quality of Life

19. Off-base Housing Rental and Purchase, continued

19.3 What are the median costs for homes in the area?

Table 19.3: **Regional Home Costs**

Type of Home	Median Cost
Single Family Home (3 Bedroom)	80,000
Single Family Home (4+ Bedroom)	125,000
Town House (2 Bedroom)	60,000
Town House (3+ Bedroom)	65,000
Condominium (2 Bedroom)	60,000
Condominium (3+ Bedroom)	65,000

Data Source: Charleston - Trident MLS statistics for Jan 1993 - Dec 1993.

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

Table 19.4: **Housing Availability**

Month	Number of Bedrooms		
	2	3	4+
January	74	165	19
February	84	186	21
March	75	168	19
April	82	182	21
May	80	179	20
June	91	203	23
July	88	195	22
August	94	210	24
September	81	180	20
October	80	177	20
November	69	154	17
December	51	113	13

Data Source: Charleston - Trident MLS statistics for Jan 1993 - Dec 1993.

19. Off-base Housing Rental and Purchase, continued

19.5 Describe the principle housing cost drivers in your local area.

LOCATION - Convenient to: (1) Schools, (2) medical facilities, (3) workplace and (4) shopping areas.
Condition - (1) Environs of neighborhood, (2) house exterior/landscaping, and (3) house interior cleanliness/repair/upkeep/decor.

ECONOMY - Job opportunity set economic climate - lost jobs resulting in relocations out of area tend to drive costs down; as new job opportunities become available, costs would increase accordingly.

Data Source: Real Estate Associate/Property Management of West Ashley Property Management, Inc.

20. Sea-Shore Opportunities

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

Table 20.1: **Sea Shore Opportunities**

Rating	# Sea Billets in Local Area	# Shore Billets in Local Area
N/A	N/A	N/A

21. Commuting Distances

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

Table 21.1: **Commuting Distances**

Location	% Employees	Distance (mi)	Time (min)
Charleston	27	7	:.0
North Charleston	13	5	8
Summerville	12	20	:5
Goose Creek	11	16	:0
Mt. Pleasant	5	15	:0

Data Source: Count of employees by zip code. Charleston area map.

Quality of Life

22. Regional Educational Opportunities

Complete the tables below to indicate the civilian educational opportunities available to service members stationed at this activity (to include any outlying sites) and their dependents:

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

Table 22.1: **Educational Opportunities**

Institution	Type	Grade Level(s)	Special Education Available ■	Annual Enrollment Cost/Student	SAT/ACT Score	% HS to College	Source of Info
Goose Creek High	Public	9-12	TMH, EH	1,425	915	41%	Guidance
Stratford High	Public	9-12	LD, HH, VH	N/A	924	84%	Guidance
Marrington Middle	Public	5-8	LD	700	N/A	N/A	Principal
Sedgefield Middle	Public	6-8	LD, TMH	1,016	N/A	N/A	Principal
Sedgefield Intermediate	Public	3-5	TMH	797	N/A	N/A	Principal
Howe Hall Elementary	Public	K-2	Pre-School, Special	724	N/A	N/A	Principal
MenRiv Elementary	Public	K-4	LD	600	N/A	N/A	Principal
Marrington Elementary	Public	K-4	LD	740	N/A	N/A	Principal
Westview Elementary	Public	K-4	LD	1,000	N/A	N/A	Principal

Westview Middle	Public	5-8	EMH, LD, HH	928	N/A	N/A	Staff
Boulder Bluff Elementary	Public	K-5	LD, Speech	655	N/A	N/A	District
Devon Forest Elementary	Public	K-5	EMH, LD, TMH, EH, OH, VH, Speech	873	N/A	N/A	District
J. Howard Berry Elementary	Public	K-5	•	375	N/A	N/A	Secretary
Alice Birney Middle	Public	6-8	* Less ECD	1,200	N/A	N/A	Secretary
Brentwood Middle	Public	6-8	* Less ECD	875	N/A	N/A	Guidance
Edmund A. Burns Elementary	Public	K-5	*	750	N/A	N/A	Records Clerk
Chicora Elementary	Public	K-5	*	584	N/A	N/A	Office Clerk
A. C. Corcoran Elementary	Public	K-5	*	660	N/A	N/A	Secretary
Dunston Elementary	Public	K-5	*	545	N/A	N/A	Secretary
Mary Ford Elementary	Public	K-5	*	500	N/A	N/A	Clerk
Garrett Academy High	Public	9-12	* Less ECD	900	N/A	46%	Secretary
W. B. Goodwin Elementary	Public	K-5	*	750	N/A	N/A	Secretary
Hunley Park Elementary	Public	K-5	*	600	N/A	N/A	Secretary
Hursey Elementary	Public	K-5	*	475	N/A	N/A	Secretary

Ladson Elementary	Public	K-5	*	550	N/A	N/A	Attendance Clerk
Lambs Elementary	Public	K-5	*	825	N/A	N/A	Secretary
Ronald McNair Elementary	Public	K-5	*	482	N/A	N/A	Attendance Clerk
Midland Park Elementary	Public	K-5	*	600	N/A	N/A	Secretary
Morningside Middle	Public	6-8	* Less ECD	600	N/A	N/A	Secretary
North Charleston Elementary	Public	K-6	*	480	N/A	N/A	Secretary
North Charleston High	Public	9-12	* Less ECD	1,400	N/A	36%	Secretary
Pepperhill Elementary	Public	K-5	*	650	N/A	N/A	Attendance Clerk
Toole Middle	Public	6-8	* Less ECD	530	N/A	N/A	Attendance Clerk
R. B. Stall High	Public	9-12	* Less ECD	1.175	SAT (846)	48%	Secretary
Summerville High	Public	11-12	* Less ECD	1,301	SAT (863)	42%	Attendance
Summerville Gregg	Public	9-10	* Less ECD	1,450	N/A	N/A	Secretary
Sangaree Elementary	Public	K-3	*	965	N/A	N/A	Principal
Sangaree Intermediate	Public	4-6	* Less ECD	760	N/A	N/A	Secretary
College Park Middle	Public	6-8	* Less ECD	1170	N/A	N/A	Secretary
Fort Dorchester High	Public	9-11	* Less ECD	1,475	N/A	N/A	Guidance

Fort Johnson Middle	Public	6-8	* Less ECD	518	N/A	N/A	Guidance
Harbor View Elementary	Public	K-5	*	805	N/A	N/A	Guidance
James Island High	Public	9-12	* Less ECD	1,184	850	60%	Guidance
James Island Middle	Public	6-8	* Less ECD	562	N/A	N/A	Bookkeeper
Murray-Lasaine Elementary	Public	K-5	*	657	N/A	N/A	Attendance
Stiles Point Elementary	Public	K-5	*	745	N/A	N/A	Attendance
Ashley River Elementary	Public	K-5	*	490	N/A	N/A	Attendance
Drayton Hall Middle	Public	6-8	* Less ECD	965	N/A	N/A	Receptionist
Middleton High	Public	9-12	* Less ECD	1,042	852	80%	Guidance
Oakland Elementary	Public	K-5	*	715	N/A	N/A	Attendance
Orange Grove Elementary	Public	K-5	*	766	N/A	N/A	Receptionist
St. Andrews Elementary	Public	K-5	*	526	N/A	N/A	Attendance
Springfield Elementary	Public	K-5	*	978	N/A	N/A	Attendance
Stono Park Elementary	Public	K-5	*	363	N/A	N/A	Attendance
C. E. Williams Middle	Public	6-8	* Less ECD	906	N/A	N/A	Attendance
McClellanville Middle	Public	6-8	* Less ECD	269	N/A	N/A	Attendance
St. James-Santee Elementary	Public	K-5	*	460	N/A	N/A	Attendance

Porter-Gaud	Private	1-12	College Prep	775 ($6,000)	1,182	100%	Private School Guide
Sea Island Academy	Private	K-12	College Prep and Transitions Program	293 ($3,100)	1,100	97%	School Admin.
Mason Preparatory	Private	1-8	None	N/A ($3,500	N/A	N/A	Headmistress
First Baptist Church	Private	K-12	N/A	N/A ($3,000)	N/A	N/A	Private School Guide
Trident Academy	Private	K-12	LD	N/A	N/A	N/A	Private School Guide
St. Pauls Country Day	Private	K-12	College Prep	200 ($2,000)	N/A	N/A	Secretary
Lowcountry Academy	Private	6-12	Attention Deficient Disorders	2,500 ($2,600)	N/A	75%	Admissions
Ashley Hall	Private	K-12	College Prep	484 ($5,500)	1,083	100%	Admissions
Bishop England	Parochial	9-12	College Prep	850 ($3,200)	N/A	96%	Secretary
Charleston Day	Private	1-8	N/A	170 ($5,500)	N/A	N/A	Secretary
CharlesTowne Montessori School	Private	K-6	N/A	150 ($3,200)	N/A	N/A	Admissions
Academic Magnet High	Public	9-12	* Less ECD	350	1,048	100%	Principal
Buist Academy High	Public	K-8	*	410	N/A	N/A	Principal
Burke High	Public	9-12	* Less ECD	1,487	SAT (709)	58%	Principal
Cities in Schools High	Public	9-12	* Less ECD	100	N/A	60%	Principal
Courtenay Middle	Public	6-8	* Less ECD	411	N/A	N/A	Principal

Wilmont Fraser Elementary	Public	K-5	*	550	N/A	N/A	Principal
Memminger Elementary	Public	K-5	*	550	N/A	N/A	Office Aid
Mitchell Elementary	Public	K-5	*	700	N/A	N/A	Attendance
Rivers Middle	Public	6-8	* Less ECD	760	N/A	N/A	Attendance
Clyde Sanders Elementary	Public	K-5	*	500	N/A	N/A	Secretary
James Simons Elementary	Public	K-5	*	750	N/A	N/A	Principal
Belle Hall Elementary	Public	K-5	*	850	N/A	N/A	Secretary
James B. Edwards Elementary	Public	K-5	*	670	N/A	N/A	Secretary
Laing Middle	Public	6-8	* Less ECD	900	N/A	N/A	Attendance
Jennie Moore Elementary	Public	K-5	*	900	N/A	N/A	Secretary
Moultrie Middle	Public	6-8	* Less ECD	720	N/A	NA	Secretary
Mt. Pleasant High Academy	Public	K-5	*	330	N/A	N/A	Secretary
Sullivans Island Elementary	Public	K-5	*	410	N/A	N/A	Secretary
Wando High	Public	9-12	* Less ECD	1,500	901	80%	Principal
Mamie Whitesides	Public	K-5	*	660	N/A	N/A	Secretary

* **LD - Learning Disabled**
ECD - Pre-School Development
TMH - Trainable Mentally Handicapped
EH - Educable Handicapped
OH - Other Health Impaired
VH - Visually Handicapped
HH - Hearing Handicapped
EMH - Emotionally Mentally Handicapped

2. Regional Educational Opportunities, continued

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

Table 22.2: **Off-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
College of Charleston	Day	No	No	Yes	Yes	Yes
	Night	No	No	Yes	Yes	Yes
The Citadel	Day	No	No	No	Yes	No
	Night	No	No	Yes	Yes	Yes
Medical University of South Carolina	Day	No	No	Yes	Yes	Yes
	Night	No	No	Yes	Yes	Yes
Trident Technical College	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
Charleston Southern University	Day	No	No	Yes	Yes	Yes
	Night	No	No	Yes	Yes	Yes
City Colleges of Chicago	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
Southern Illinois University	Day	No	No	Yes	Yes	No
	Night	No	No	No	No	No
Webster University	Day	No	No	No	No	No
	Night	No	No	No	No	No
Limestone College	Day	No	No	Yes	Yes	No
	Night	No	No	Yes	Yes	No

Johnson and Wales	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
Embry-Riddle Aeronautical	Day	No	No	No	No	No
	Night	No	No	Yes	Yes	Yes

22. Regional Educational Opportunities, continued

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

Table 22.3: **On-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
City Colleges of Chicago	Day	No	No	Yes	Yes	No
	Night	No	No	Yes	Yes	No
	Correspondence	No	No	Yes	No	No
Limestone College	Day	No	No	Yes	Yes	No
	Night	No	No	Yes	Yes	No
	Correspondence	No	No	No	No	No
Trident Technical College (only at POMFLANT)	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
	Correspondence	No	No	No	No	No
	Day					
	Night					
	Correspondence					

Quality of Life

23. Spousal Employment Opportunities

23.1 Provide the following data on spousal employment opportunities.

Table 23.1: **Spouse Employment**

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%)
	FY 1991	FY 1992	FY 1993	
Professional				
Manufacturing				
Clerical				
Service				
Other *	214	202	113	6.3%

*** These numbers include all categories. Breakdown between categories not available.**

24. Medical/Dental Care

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

No.

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

No.

Quality of Life

25. Crime Rate for SUPSHIP CHARLESTON Office and Perimeter

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

Table 25.1.a: **Local Crime Rate**

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

Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
4. Postal (6L)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

25. Crime Rate, continued

Table 25.1.b: **Local Crime Rate**

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

Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	1	3

25. Crime Rate, continued

Table 25.1.c: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
10. Wrongful Destruction (6U)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	1	0	1
11. Larceny - Vehicle (6V)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
12. Bomb Threat (7B)	0	0	0

Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

25. Crime Rate, continued

Table 25.1.d: **Local Crime Rate**

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

Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

25. Crime Rate, continued

Table 25.1.e: **Local Crime Rate**

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

Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

25. Crime Rate, continued

Table 25.1.f: **Local Crime Rate**

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

Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Data Being Certified: BRAC 95 Data Call Number 47, SUPSHIP, CHARLESTON

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic — W.H. Ryzewic
NAME (Please type or print) — Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support — 6/16/94
Title — Date

Naval Sea Systems Command
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

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

~~Title~~ — ~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

C. R. STERNER — S.R. Sterner
NAME (Please type or print) — Signature

Title — 6-23-94
Date

Activity

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

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

R. R. SAREERAM — [signature]
NAME (Please type or print) — Signature

ACTING — 30 JUN 1994
Title — Date

ACTIVITY: N62673

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

NARVIE L. BILBRAY
NAME (Please type or print)

Narvie L. Bilbray
Signature

Acting Commanding Officer
Title

6/13/94
Date

SUPSHIP CHARLESTON
Activity

ACTIVITY: N62673

Data Call for Capacity Analysis:
Supervisor of Shipbuilding, Conversion and Repair
Charleston, SC

Questions for Activities

Primary UIC: N62673
(Use this number as the Activity identification at top of every page)

For activities which operate detachments, in preparing your response, ensure your SUPSHIP activity responses itemize the applicable response for each detachment, as well as the total of the entire activity.

Mission Area

1. Workload

1.1 Use the following tables to describe the historic and currently projected budgeted workyears for your operation in budget year values.

Table 1.1.a: **Historic and Predicted Workload**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Funding ($K)	$7,829	$8,668	$9,473	$9,851	$10,194	$9,849	$8,277	$6,992
Workyears	198	217	247	239	237	190	166	126

Table 1.1.b: **Historic and Predicted Workload**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Funding ($K)	$6,474	4,791	1,140	586	597	608	618	630
Workyears	116	87	20	10	10	10	10	10

NOTE: Table 1.1.b FY 1995-2001 Funding and Work Years Provided by NAVSEA Headquarters.

W.H. Ryzewic
CERTIFIED BY: W.H. Ryzewic

Mission Area

2. Value of Work Supervised

2.1 Summarize the value by appropriation (APPN) (e.g. SCN, OMN, OPN) of the shipbuilding, conversion, and repair work supervised/projected to be supervised by your SUPSHIP office(s) for the Fiscal Years requested.

Table 2.1.a: Historic and Predicted Supervised Workload

APPN	Workload ($ M)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
OMN	58.4	53.7	58.9	59.8	48.8	70.3	41.1	33.2
SCN	1.2	8.5	15.9	45.7	43.5	42.3	59.0	2.4
OPN	0	0	0	0	1.5	1.8	4.3	3.9
DBOF/NIF	0	0	1.5	2.4	1.7	1.4	2.2	1.1
OMN,R	1.0	1.0	.9	6.6	4.1	2.7	6.2	1.7
RDT&E	0	0	0	0	.4	.7	.7	1.2
FMS	0	0	0	.5	1.1	0	.1	0
WPN	0	0	0	0	0	0	.1	0
USCG	0	0	.2	0	0	0	0	0
GRAND TOTAL:	60.6	63.2	77.4	115.0	101.1	119.2	113.7	43.5

Table 2.1.b: **Historic and Predicted Supervised Workload**

APPN	Workload ($ M)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
OMN	24.4	28	20	10	5	5	5	5
SCN	2.3	0	0	0	0	0	0	0
OPN	3.7	0	0	0	0	0	0	0
DBOF	12.8	12	0	0	0	0	0	0
OMN,R	0	0	0	0	0	0	0	0
RDT&E	.2	0	0	0	0	0	0	0
WPN	.2	0	0	0	0	0	0	0
GRAND TOTAL:	43.6	40	20	10	5	5	5	5

FY 1995-2001 Predicted Supervised Workload is based upon awarded shipwork contracts and estimated new ship awards.

Mission Area

3. Contingency and Mobilization Features

3.1. Identify all non-DoN shipbuilding or ship repair activities holding a MSRA or ABR that exist within 100 miles of your activity or within your area of responsibility? What restrictions (e.g. access; ordnance or fuel limits), if any, might apply when using such yards for facility augmentation or in an emergency?

Table 3.1: **Proximate Shipbuilding/Repair Facilities**

FACILITIES	LOCATION	RESTRICTIONS
1. Braswell Services Group (BSG) ABR	Charleston, SC (Ashley River)	Ashley River Bridge 65' MHW Project Depth 13.5' MLW
2. Detyens Shipyards, Inc. (DSI) MSR	Charleston, SC (Ashely River)	Wando River Bridge 138' MHW Project Depth 18 ' MLW
3. Detyens Shipyards, Inc. (DSI) MSR	Charleston, SC (Shipyard Creek)	Cooper River Bridge 150' MHW Project Depth 42' MLW
4. Metal Trades, Inc.(MTI) MSR	Charleston, SC (Shipyard Creek)	Cooper River Bridge 150' MHW Project Depth 42' MLW
5. Metal Trades, Inc.(MTI) MSR	Youngs Island, SC (North Edisto River)	Project Depth 12' MLW
6. Intermarine, USA (IMUSA) MSR	Savannah, GA (Savannah River)	Savannah River Bridge 185' MHW; Project Depth 38' MLW

3. Contingency and Mobilization Features, continued

3.2. What is the capability of all active Navy-certified graving drydocks at each of the facilities identified in question 3.1. Identify the existing drydocks at each non-DoN shipbuilding or repair facility. Credit the listed drydock(s) for any shipwork performed/programmed to be performed during the period FY 1986 through FY 2001 on each class of vessel specified.

Table 3.2a: **NonNaval Graving Drydocks**

DD #	Facility Name/Location	DD Dimensions		
		Length	Width	Depth Over Sill
1	Intermarine, USA (IMUSA)	535'5"	70'8'	25'8"

Additional Comments:

3. Contingency and Mobilization Features, continued

Table 3.2.b1: **NonNaval Graving Drydock Capabilities**

Class of Vessel	DD #										
	1	2	3	4	5	6	4	7	8	9	10
SSBN 726											
SSN 688											
SSN 21											
CVN 68											
CV 62											
AD 41											
AOE 1											
AOE 6											
ARS 50											
AS 36/39											
LCC 19											
LCC 20											
LPD 4											
LPH 2											
LSD 36											
LSD 41											
MCM 1/ MCS/MHC 51	X										

3. Contingency and Mobilization Features, continued

Table 3.2.b2: **NonNaval Graving Drydock Capabilities**

Class of Vessel	DD #										
	1	2	3	4	5	6	4	7	8	9	10
AFDB-8/AFDL/AFDM/ARDM											
NR-1											
AGF 3 / AGF 11											
CG 47											
DD 963											
DDG 51											
DDG 993											
FFG 7											
LHA 1											
LHD 1											
CGN 38											

Features and Capabilities

4. Facilities

4.1 Space Allocation. In the following table list the total space currently used and planned for use within your SUPSHIP activity. Categorize space by functional use (e.g. administrative; BQ).

Table 4.1: **Space Allocation**

CATEGORY OF SPACE USAGE	TENANT or GOVT PROPERTY [specify] (SF)	SHIPBUILDER-PROVIDED SPACE (SF)	LEASED PROPERTY	
			AREA (SF)	COST / SF
Office	Govt Prop Bldgs. 161A-E 4,215 SF	5,550	21,963	$13.19
Warehouse	Tenant of NavSta Charleston Bldg. 161 1,035 SF		16,219	3.50
Food Service			240	21.53
ADP			1,022	21.46
Conference Room			963	15.62
TOTAL	5,250	5,550	40,412	

Features and Capabilities, continued

4. Facilities, continued

4.2 Facilities. In the following table expand the listed government property which you occupy, as identified in Table 4.1, providing the category code designation of your facilities (5 digit Category Code Number (CCN)) and the square footage rated within each condition code.

Table 4.2: **Production Facilities**

Facility Name	CCN	Installation Space (KSF)		
		Adequate	Substandard	Inadequate
Naval Station Charleston	213-70	4		
Naval Station Charleston	441-10	1		

4.3 Inadequate Facilities. 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 identified in Tables 4.1 and 4.2 above where inadequate facilities are identified, provide the following information:

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

Negative. SUPSHIP CHARLESTON has no inadequate facilities.

Features and Capabilities, continued

4. Facilities, continued

4.4 Identify the facility and equipment values for your activity in the Table below, as executed and budgeted for the period requested. As applied herein:

Maintenance of Real Property (MRP) is the budgetary term gathering the expenses or budget requirements for facility work and includes recurring maintenance, major repairs and 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) refer to incorporates Class 2 Real Property and is the hypothetical dollar amount required to replace a Class 2 facility in kind at today's dollars (e.g.: the cost today to replace an existing wood frame barracks with another barracks, also wood frame).

Acquisition Cost of Equipment (ACE) reports the total cumulative acquisition cost of all "Personal Property" equipment which includes the cost of installed equipments directly related to mission execution (such as lab test equpiment). Class 2 installed capital equipment which is integral to the facility should not be reported as ACE.

Table 4.4: **Expenditures and Equipment Values**

FY	MRP ($ K)	Class 2 CPV ($ K)	Class 3 & 4 ACE ($ K)
1986	62	0	784
1987	88	0	784
1988	180	0	784
1989	68	0	784
1990	102	0	1,150
1991	34	0	609
1992	25	0	920
1993	7	0	878
1994	18	0	878
1995	17	0	800
1996	9	0	0
1997	0	0	0

Data Being Certified: **BRAC 95 Data Call Number Eleven, SUPSHIP, CHARLESTON**

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W.H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support
Title

5/25/94
Date

Naval Sea Systems Command
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

NAME (Please type or print)

Signature

Title

Date

~~Activity~~

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

MAJOR CLAIMANT LEVEL

E.S. MCGINLEY II
NAME (Please type or print)

Signature

COMMANDER
Title

5/25/94
Date

NAVAL SEA SYSTEMS COMMAND, ACTING
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. GREEN, JR.
NAME (Please type or print)

Signature

ACTING
Title

2 JUN 94
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

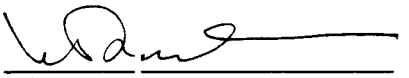
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

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

ACTIVITY COMMANDER

WILLIAM A. DAVIS, CAPT, USN
NAME (Please type or print)


Signature

COMMANDING OFFICER
Title

20 May 1994
Date

SUPSHIP CHARLESTON
Activity

130

ACTIVITY: N62673

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Activity Name:	**SUPSHIP CHARLESTON**
UIC:	**N62673**
Major Claimant:	**NAVSEA**

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

information contained in the data call response is an accurate and complete representation of the information obtained from the source. Records must be retained by the certifying official to clearly document the source of any non-DoD information submitted for this data call.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

General Instructions/Background (Continued):

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

Note 1: Throughout this data call, the term **"activity"** is used to refer to the DON installation that is the addressee for the data call.

Note 2: Periodically throughout this data call, questions will include the statement that the response should refer to the **"area defined in response to question 1.b., (page 3)"**. Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, **the scope of the "area defined" may be limited to the sum of:**

- **those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,**
- **those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.**

Note 3: Responses to questions referring to **"civilians"** in this data call should reflect **federal civil service appropriated fund employees.**

1. Workforce Data

a. Average Federal Civilian Salary Rate. Provide the projected FY 1996 average gross annual appropriated fund **civil service** salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

Average Appropriated Fund Civilian Salary Rate:	**$45,018**

Source of Data (1.a. Salary Rate): NCPDS of 5/31/94 and NAVSEA 071's Projected COL's and WY's for FY 96.

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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			
Charleston	SC	5	56	56%	10	15
Berkeley		2	22	22%	16	25
Dorchester		1	16	16%	20	30
Orangeburg		0	4	4%	58	70
Other		0	2	2%	42	60

= 100%

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

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

Charleston and Berkeley Counties

Source of Data (1.b. 1) & 2) Residence Data): Housing Manual and Area Map

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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)
Charleston/North Charleston Metropolitan Statistical Area (MSA)[1]	Berkeley, Charleston and Dorchester	SUBSHIP CHARLESTON is located within the MSA
Columbia, SC	Richland	100
Atlanta, GA	Fulton	291
Charlotte, NC	Mecklenburg	210

Source of Data (1.c. Metro Areas): Mary Graham, Director of the Center for Business Research of the Charleston Trident Chamber of Commerce; Rand McNally Road Atlas 1992.

[1]Comprised of three counties - Berkeley, Charleston, and Dorchester - the Charleston Trident Metropolitan Statistical Area has a population of 506,875, according to the U.S. census. The MSA is comprised of 25 incorporated communities with the largest being the adjacent communities of Charleston (80,414) and North Charleston (70,218).

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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	0	0
20 - 24 Years	0	0
25 - 34 Years	0	0
35 - 44 Years	27	27%
45 - 54 Years	68	68%
55 - 64 Years	5	5%
65 or Older	0	0
TOTAL	100	100 %

Source of Data (1.d.) Age Data): NCPDS Report

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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	0	0
9th through 11th Grade	1	1%
12th Grade or High School Equivalency	57	57%
1-3 Years of College	34	34%
4 Years of College (Bachelors Degree)	5	5%
5 or More Years of College (Graduate Work)	3	3%
TOTAL	100	100 %

2) Degrees Achieved. Complete the following table for the activity's **civil service** workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	20
Associate Degree	6
Bachelor Degree	5
Masters Degree	2

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Doctorate	0

Source of Data (1.e.1) and 2) Education Level Data): SUPSHIP CHARLESTON Survey

f. Civilian Employment By Industry. Complete the following table to identify by "industry" the type of work performed by **civil service** employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

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

Industry	SIC Codes	No. of Civilians	% of Civilians
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 (includes ordnance, ammo, etc.)	34		

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Industry	SIC Codes	No. of Civilians	% of Civilians
3b. Aircraft (includes engines and missiles)	3721 et al		
3c. Ships	3731	**100**	**100%**
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		
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		

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Industry	SIC Codes	No. of Civilians	% of Civilians
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		
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		
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.			

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

Source of Data (1.f.) Classification By Industry Data): SUPSHIP CHARLESTON

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	**74**	**74%**
2. Professional Specialty		
2a. Engineers	**0**	
2b. Architects and Surveyors	**0**	
2c. Computer, Mathematical & Operations Research	**0**	
2d. Life Scientists	**0**	

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
2e. Physical Scientists	0	
2f. Lawyers and Judges	0	
2g. Social Scientists & Urban Planners	0	
2h. Social & Recreation Workers	0	
2i. Religious Workers	0	
2j. Teachers, Librarians & Counselors	0	
2k. Health Diagnosing Practitioners (Doctors)	0	
2l. Health Assessment & Treating (Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	
2m. Communications	0	
2n. Visual Arts	0	
Sub-Total 2a. through 2n.:	0	
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	
3b. Other Technologists	7	7%
Sub-Total 3a. and 3b.:	0	
4. Administrative Support & Clerical	18	18%
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	
5b. Food Preparation & Service	0	
5c. Dental/Medical Assistants/Aides	0	
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
Sub-Total 5a. through 5d.	0	
6. Agricultural, Forestry & Fishing	0	
7. Mechanics, Installers and Repairers	0	
8. Construction Trades	0	
9. Production Occupations	0	
10. Transportation & Material Moving	1	1%
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	
TOTAL	100	100 %

Source of Data (1.g.) Classification By Occupation Data): SUPSHIP CHARLESTON

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.

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4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Bus drivers; material moving equipment operators; rail transportation occupations; truck drivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** not included elsewhere). Entry level jobs not requiring significant training.

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h. Employment of Military Spouses. Complete the following table to provide estimated information concerning **military spouses** who are also employed in the area defined in response to question 1.b., above. **Do not fill in shaded area.**

1. Percentage of Military Employees Who Are Married:	**100%**
2. Percentage of Military Spouses Who Work Outside of the Home:	**71% (5)**
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	**0**
3b. Employed "On-Base" - Non-Appropriated Fund:	**0**
3c. Employed "Off-Base" - Federal Employment:	**20% (1)**
3d. Employed "Off-Base" - Other Than Federal Employment	**80% (4)**

Source of Data (1.h.) Spouse Employment Data): **SUPSHIP CHARLESTON Survey**

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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.

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	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
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

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

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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. **N/A.**

Source of Data (2.a. 1) & 2) - Local Community Table): Center for Business Research, Charleston Trident Chamber of Commerce, 6/94.

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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
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A	A	A

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Category	20% Increase	50% Increase	100% Increase
Recreation Facilities	A	A	A

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

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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. **N/A.**

Source of Data (2.b. 1) & 2) - Regional Table): Center for Business Research, Charleston Trident Chamber of Commerce, 6/94.

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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:

Overall Vacancy Rate: 20%

Rental Units: 6,302[2]

Units for Sale: 5,670

Source of Data (3.a. Off-Base Housing): Greater Charleston Apartment Association. Charleston's Apartment Director, Charleston Trident Association of Realtors (MLS), Department of the Army Corps of Engineers Homeowner's Association Program (HAP), and Charleston Trident Home Builders Association.

[2]Includes 302 MLS rental house units and 6,000 apartment units. (6,000 units include only those in buildings with four or more units/buildings. Information on other units not available.) Mobile homes and duplex data not available.

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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	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Element-ary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Charleston County	Charleston	44	15	11	44,124	46,800	19:1	Note 3	Yes
Berkeley County	Berkeley	19	8	8	28,116	30,000	18:1	Note 3	Yes
Dorchester District II	Dorchester	10	3	3	15,304	Note 1	20:1	Note 3	No
Dorchester District IV	Dorchester	3	1	2	2,556	Note 2	15:1	Note 3	No

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

Note 1: Dorchester II is close to maximum capacity, but there is no set number.

Note 2: Dorchester IV is not close to maximum capacity, nor does it have a maximum capacity number.

Note 3: The state of SC sets the maximum pupil-to-teacher ratio at 35:1.

Source of Data (3.b.1) Education Table): Phoncons and follow-up faxes with Public Relations Officers and Superintendents' offices of each school district.

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

No.

Source of Data (3.b.2) On-Base Schools): Phoncon with Clint Hepler (NOC Indian Head, MD via BSAT, defined "Section 6" as "a stateside DOD operated school run exclusively with DOD personnel."

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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 :

Charleston Southern University
The Citadel
College of Charleston
Medical University of South Carolina
Webster University

Source of Data (3.b.3) Colleges): Center for Business Research, Charleston Trident Chamber of Commerce, 6/94.

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:

Trident Technical College has courses offered in the following areas: Arts & Sciences, Business Technology, Engineering Technology, Health Sciences, Hospitality & Tourism, and Industrial Technology. Associates Degrees and Certificates are awarded.

Johnson & Wales University has a vocational curriculum offering associates and bachelors degrees in the culinary arts and tourism/hospitality management.

The Nielsen Electronics Institute offers associates degrees in electronics technology as well as courses in truck driver training.

Source of Data (3.b.4) Vo-tech Training): Center for Business Research, Charleston Trident Chamber of Commerce, 6/94.

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c. **Transportation.**

1) Is the activity served by public transportation?

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

Source of Data (3.c.1) Transportation): S.C. Electric & Gas Co. (operates bus service).

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.

AMTRAK, 4565 Gaynor Ave., North Charleston, SC. Located 1 mile from SUPSHIP office.

Source of Data (3.c.2) Transportation): Southern Bell Telephone Directory and odometer reading.

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.

Charleston International Airport, North Charleston, SC. Located 6 miles from SUPSHIP office.

Source of Data (3.c.3) Transportation): Southern Bell Telephone Directory and odometer reading.

4) How many carriers are available at this airport?

There are five major airlines together offering over 100 daily flights servicing the Charleston International Airport: American, Continental, Delta, US Air and United.

Source of Data (3.c.4) Transportation): Center for Business Research, Charleston Trident Chamber of Commerce, 6/94.

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

I-26 is 0.5 miles from SUPSHIP office.

Source of Data (3.c.5) Transportation): Odometer reading.

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.)

SUPSHIP is located on Meeting Street Road which is accessible from several primary highways that serve as main arteries for the North Charleston and Naval Base area. All roads are sufficient to handle rush hour traffic.

b) Do access roads transit residential neighborhoods?

Only a few private residences are evident. Neighborhood is primarily comprised of small businesses and small shopping centers.

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

No known easements.

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

None.

Source of Data (3.c.6) Transportation): Maps and actual viewing of area.

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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.

Yes. Our office is located within the jurisdiction of the North Charleston Fire Department. They respond to fires and/or hazardous material spills.

Source of Data (3.d. Fire/Hazmat): North Charleston Fire Department.

e. **Police Protection.**

1) What is the level of legislative jurisdiction held by the installation? **Police protection is provided by the City of North Charleston's Police Department.**

2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.

N/A.

3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection? **No; however, our office has an intrusion alarm system which is monitored by the North Charleston Police Department. They are very responsive.**

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

N/A.

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.

N/A.

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Source of Data (3.e. 1 - 5): North Charleston Police Department.

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. **Our office is located in a GSA-leased building. All utilities except telephones are provided through the lessor. Commissioner of Public Works provides water; S. C. Electric and Gas Co. provides electricity; North Charleston Sewer District provides sewer services; and Fennell Container Co. provides refuse disposal (twice weekly).**

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. **Quality of water was affected as a result of Hurricane Hugo in Sep 1989. Bottled drinking water was provided by the lessor for approximately two weeks.**

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. **Electrical service was affected by Hurricane Hugo in Sep 1989. Generators were used and operations were only affected for one day.**

Source of Data (3.f. 1) - 3) Utilities): SUPSHIP CHARLESTON Command History.

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. Charleston Naval Complex	U.S. Navy	26,742
2. Medical Univ. of SC	Education/Healthcare	7,858
3. Charleston Air Force Base	U.S. Air Force	5,918
4. Charleston County School District	Elem./Secondary Education	5,150
5. Berkeley County School District	Elem./Secondary Education	2,900
6. Roper Hospital	Healthcare	2,178
7. Westvaco Corp.	Manufacturing	2,040
8. U.S. Postal Service	Postal Service	1,970
9. Piggly Wiggly Carolina Co., Inc.	Grocery Stores	1,800
10.Robert Bosch Corp.	Manufacturing	1,800

Source of Data (4. Business Profile): Charleston Trident Major Employers Directory, Center for Business Research, Charleston Trident Chamber of Commerce, 12/93.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

5. **Other Socio-Economic Impacts.** For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. Loss of Major Employers: **The major industries fueling the economy of the Charleston Trident Area Metropolitan Area include the military, the Visitor Industry, Manufacturing, the Medical Industry and the Port of Charleston.**

Total military employment (including active, civilian and contract) in the region stands at approximately 32,000, a decrease of 41% since 1989. In October 1991 and again in March 1992, a major reduction in force occurred at the Charleston Naval Shipyard. The total civilian layoff was 1,400 workers. Although a majority of laid-off workers were placed back into the workforce, the layoff contributed to a rise in unemployment in the region from 4.9% in October 1991 to 6.6% in March 1992. As of April 1994, the metro area's unemployment stands at 6.3%.

In June of 1993, the Base Realignment and Closure Commission voted to shut down the Charleston Naval Station and Naval Shipyard. The facilities slated for closure employ approximately 20,000 active and civilian workers with a $600 million payroll.

In addition, a major military contractor, General Dynamics, announced in November 1993, that it would cease operations at its Charleston facility March 31, 1994, laying off 325 employees. This closing has occurred. Another of the region's major employers, DuPont, announced in October 1993, that it would shut down one of its production lines in Berkeley County affecting 200 to 250 workers.

Other area major employer reductions include: (1) The Medical University of South Carolina, which reduced its workforce by 307 positions June 27, 1994, and has announced it may cut another 1,300 jobs over the next five years; (2) Reliance Comm/Tec Corp., a major manufacturer employing over 230 workers shut down its plant in December 1993; and (3) Charleston Manufacturing, a 160-employee apparel manufacturer, closed its doors December 1993.

Further military cutbacks will have severe economic ramifications for the economy of Berkeley, Charleston and Dorchester counties.

b. Introduction of New Businesses/Technologies: **A total of 10 new manufacturing companies announced new operations in the Charleston Trident region in 1991, adding some 750 jobs and more than $750 million in capital investment to the region. For 1992, capital investment totaled over $455 million while over 600 jobs were added. In 1993,**

more than $40 million in new and expanded capital investments were announced bringing an estimated 500 jobs to the area. These 1993 announcements include expansions by MDT Diagnostic and Westvaco Corporation. So far in 1994, the region's economic development investment announcements total nearly $18 million, bringing over 250 new jobs to the area. These developments include the relocation to our area of the corporate headquarters of Oneita Industries, Inc., a national active wear and infants wear manufacturer, and the expansion of Healthsource, Inc., a health maintenance organization with its South Carolina headquarters in the Charleston metro area.

c. Natural Disasters: Because of the region's location on the Atlantic coast, the area is susceptible to hurricane activity during the summer and early fall months. The last storm to make landfall was Hugo in September 1989. With the exception of some vegetation, a full economic recovery occurred with 12-18 months following the storm.

d. Overall Economic Trends: Comprised of three counties - Berkeley, Charleston and Dorchester - the Charleston metropolitan region is influenced heavily by four major economic sectors - the military, the port of Charleston, the visitor industry and the medical community. The region has experienced a 41% decline in total military employment since 1989, but has maintained overall job growth until mid-1993. During the past 12 months, the region's total civilian labor force and total employment has begun to decline since the announcement of the closing of the Charleston Naval Station and Shipyard as well as a number of layoffs at several area manufacturers.

During 1993 and 1994, the region's visitor industry and port have experienced positive growth. The medical community, centered around the Medical University of South Carolina has begun to downsize as the national health care industry begins to restructure.

One of the major concerns of the community is the replacement of military jobs with jobs of comparable earnings. Average civilian jobs in the region are only 60% of average salary levels of military civilian jobs that will be lost. The long-term economic impact of the loss of the Naval Station and Shipyard will be severe.

Source of Data (5. Other Socio/Econ): Mary Graham, Director for the Center for Business Research, Charleston Trident Chamber of Commerce, 6/94.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

In 1992, a joint venture between two existing private contractors resulted in an additional waterfront facility in the Charleston area - Shipyard Creek. It was at this new facility that the first FFG class vessel was drydocked in Charleston by a private shipyard under SUPSHIP CHARLESTON's cognizance. This drydocking was made possible through the transfer and recertification of the Navy-leased drydock (AFDL 47) to Detyens Shipyard.

In 1993, SUPSHIP CHARLESTON administered contracts in the local area in the amount of $47,288,241. This provided a significant impact on the area's economy.

SUPSHIP CHARLESTON formed a partnership with Morningside Middle School in 1991 and has continued to actively support the needs of students. Last year nine volunteer mentors worked with six at-risk students. They offered assistance in deficient study habits, motivation and specific problem areas. Our personnel participated in career day events stressing the importance of staying in school and goal setting. Employees have also volunteered after hours to repair and provide maintenance services to facilities at the school.

SUPSHIP CHARLESTON actively participates in local annual charity drives such as the Combined Federal Campaign and Navy Relief Drive that provide essential services to those in need. Participation has also been active with local drives collecting items needed by hurricane/flood victims throughout the southeast and employees have adopted needy families at Christmas.

Many of our personnel donate their time as volunteers after hours for the Charleston Preservation Society, My Sister's House (a home for battered women), CNS Federal Credit Union, Boy and Girl Scout Councils, School Boards, youth recreational organizations and church organizations, etc.

Source of Data (6. Other): SUPSHIP CHARLESTON Command History.

Data Being Certified: BRAC 95 Data Call Number 65, SUPSHIP CHARLESTON

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Mgmt and Field Support Activity
Title

7/28/94
Date

Naval Sea Systems Command
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

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

Signature

8/2/94
Date

Commander
Naval Sea Systems Command
Activity

Title

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

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

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

Signature

17 AUG 1994
Date

ACTING
Title

BRAC-95 CERTIFICATION
(Data Call 65)

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

WILLIAM A. DAVIS, CAPT, USN
NAME (Please type or print)

William A Davis
Signature

COMMANDING OFFICER
Title

22 JUL 94
Date

SUPSHIP CHARLESTON
Activity

Revised pg 123

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	SUPSHIP Charl ston
Unit Identification Code (UIC):	N62673
Major Claimant:	NAVSEASYSC)M

Percentage Of Military Families Living on-Base:	26.6
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
Fy 1996 Family Housing Budget ($000):	$5
Total Number of Officer Housing Units:	0
Total Number of Enlisted Housing Units:	1

NOTE: Closure of this UIC may not result in closure of all housing units.

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 p orated share of the family housing complex.

Revised 4 Aug 1994

DATA CALL 63
FAMILY HOUSING DATA

130

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

Installation Name:	SUPSHIP Charleston
Unit Identification Code (UIC):	N62673
Major Claimant:	NAVSEASYSCOM

Percentage Of Military Families Living on-Base:	27.2
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
Fy 1996 Family Housing Budget ($000):	$5
Total Number of Officer Housing Units:	0
Total Number of Enlisted Housing Units:	1

NOTE: Closure of this UIC may not result in closure of all housing units.

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

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

MAJOR CLAIMANT LEVEL

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

Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

7/25/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

ACTIVITY COMMANDER

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

Signature

CAPT. CEC, USN
COMMANDING OFFICER
Title

27 June 1994
Date

SOUTHNAVFACENGCOM
Activity

Enclosure (1)

BRAC-95 CERTIFICATION

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

YVONNE O. SPRING
NAME (Please type or print)

Signature

Housing Management Specialist
Title

17 June 1994
Date

Housing Division
Division

Facilities Management Dept.
Department

SOUTHNAVFACENGCON
Activity

Enclosure (1)

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

MAJOR CLAIMANT LEVEL

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

Signature

COMMANDER
Title

8/11/94
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)

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

Signature

ACTING
Title

18 AUG 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

ACTIVITY COMMANDER

R. S. TYLER
NAME (Please type of print)

Signature

Executive Officer
Title

4 August 1994
Date

SOUTHNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

YVONNE O. SPRING
NAME (Please type or print)

Signature

Housing Management Specialist
Title

4 August 1994
Date

Division

Housing Department
Department

SOUTHNAVFACENGCOM
Activity

Enclosure (1)

130

ACTIVITY: N62673

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	**SUPSHIP CHARLESTON**
UIC:	**N62673**
Host Activity Name (if response is for a tenant activity):	**None**
Host Activity UIC:	**None**

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

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

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

appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

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

Activity Name: SUPSHIP CHARLESTON		UIC: N62673	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	**8**	**0**	**8**
1b. Minor Construction	**0**	**0**	**0**
1c. Sub-total 1a. and 1b.	**8**	**0**	**8**
2. Other Base Operating Support Costs:			
2a. Utilities	**15**	**0**	**15**
2b. Transportation	**14**	**0**	**14**
2c. Environmental	**29**	**0**	**29**
2d. Facility Leases	**0**	**0**	**0**
2e. Morale, Welfare & Recreation	**0**	**0**	**0**
2f. Bachelor Quarters	**0**	**0**	**0**
2g. Child Care Centers	**0**	**0**	**0**
2h. Family Service Centers	**0**	**0**	**0**
2i. Administration	**0**	**0**	**0**
2j. Other (Specify) **(Communications)**	**16**	**0**	**16**
2k. Sub-total 2a. through 2j:	**74**	**0**	**74**

DATA CALL 66
INSTALLATION RESOURCES

3. Grand Total (sum of 1c. and 2k.):	82	0	82

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:

N/A

Appropriation	Amount ($000)

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

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

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: SUPSHIP CHARLESTON		UIC: N62673	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	0	0	0
1b. Real Property Maintenance (<$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	
1c. Sub-total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2m. Sub-total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0
4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

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: SUPSHIP CHARLESTON	**UIC: N62673**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	**70**
Material and Supplies (including equipment):	**41**
Industrial Fund Purchases (other DBOF purchases):	**0**
Transportation:	**0**
Other Purchases (Contract support, etc.):	**330**
Total:	**441**

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

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

Table 3 - Contract Workyears

Activity Name: SUPSHIP CHARLESTON	**UIC: N62673**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	**0**
Facilities Support:	**0**
Mission Support:	**0**
Procurement:	**0**
Other:*	**0**
Total Workyears:	**0**

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

DATA CALL 66
INSTALLATION RESOURCES

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

N/A

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)):

2) Estimated number of workyears which would be eliminated:

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):

DATA CALL 66
INSTALLATION RESOURCES

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

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

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

Data Being Certified: BRAC 95 Data Call Number 66, SUPSHIP CHARLESTON

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Mgmt & Field Activity Support
Title

8/2/94
Date

Naval Sea Systems Command
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

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

G. R. Sterner
Signature

Commander
Title

8-15-94
Date

Naval Sea Systems Command
Activity

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

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

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

W. A. Earner
Signature

Title

9/6/94
Date

BRAC-95 CERTIFICATION
(Data Call 66)

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

WILLIAM A. DAVIS, CAPT, USN
NAME (Please type or print)

William A Davis
Signature

Supervisor of Shipbuilding, Conversion and Repair, USN
Title

29 JUL 94
Date

Supervisor of Shipbuilding, Conversion and Repair, Charleston, SC
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	*Supervisor of Shipbuilding, Conversion and Repair, USN, Charleston, SC*
Acronym(s) used in correspondence	*SUPSHIP CHARLESTON*
Commonly accepted short title(s)	*SUPSHIPCHASN*

- Complete Mailing Address

Supervisor of Shipbuilding
Conversion and Repair, USN
3601 Meeting Street Rd
Charleston, SC 29405-5733

- PLAD: SUPSHIP CHARLESTON

- PRIMARY UIC: N62673 (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): None PURPOSE: None

2. PLANT ACCOUNT HOLDER:

- Yes _____ No X (check one)

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

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

· Yes _____ No ___X___ (check one)

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

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

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

· Yes ___X___ No _____ (check one)

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

Name	Location	UIC
None		

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

Name	UIC	Location	Host name	Host UIC
None				

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

BRAC-93 recommended closure of the Charleston Naval Shipyard (CNSY) and Naval Station (NAVSTA), Charleston, SC. These activities will close during FY 96 and most homeported ships will have departed by Sep 1995. **This affects our workload and also results in closing our NAVSTA Field Office. Personnel in that office will be moved into our main office, a GSA-leased facility, during the September-October 1995 timeframe.** Many support services provided this office by CNSY and NAVSTA will be provided by the Naval Weapons Station, Charleston.

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

Current Missions

- Planning (repairs):

  Transform work requirements into biddable specifications.

- Contracts:

  Solicit, evaluate and award (repair).
  Negotiate changes, claims and REAs (repair).

- Waterfront (repair):

  QA of waterfront contractor efforts.
  Technically monitor growth and new work.
  On-site review of waivers/deviations.

- Material Function:

  Order long lead time material.
  Enforce contractual provisions of CFM and GFM.

- Acceptance:

  Participate in sea trials.
  Accept ship from contractor.

Projected Missions for FY 2001

No change.

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

- Oversight of private contractors supporting ship availabilities assigned to Charleston Naval Shipyard.
- MCM Class planning SUPSHIP.
- MHC Class planning SUPSHIP.
- NAVSEA DD Cert/inspection team for all public/private Navy certified drydocks.
- Planning and Procuring Contracting Officer (PCO) for all scheduled MCM availabilities.
- Government cognizant agency for leased drydock (AFDL 47).

Projected Unique Missions for FY 2001

Add:

- Oversight of coastwide private work on naval ships in former Charleston Naval Shipyard.
- Procure and administer contracts for repairs to Army LSV, LCU and large tugs.
- Topside repairs on MARAD and MSC vessels.
- Procure and administer contracts for Army and Marine Corps prepositioned ships homeported in Charleston.

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

• Operational name	UIC
Commander, Naval Sea Systems Command	N00024

• Funding Source	UIC
N/A	N/A

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	2	6	124	per NCPDS
•Selected Reserve (Reporting Command is Gaining Command)	4	0		
•Tenants (Not including Selected Reserves that drill at Reporting Command)	0	0	0	
•Tenants (Selected Reserves that drill at Reporting Command)	0	0		
•Tenants (total)	0	0	0	

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
•Reporting Command	3	5	129 *
•Selected Reserve (Reporting Command is Gaining Command)	4	0	
•Tenants (Not including Selected Reserves that drill at Reporting Command)	0	0	0
•Tenants (Selected Reserves that drill at Reporting Command)	0	0	
• Tenants (total)	0	0	0

* Per FY 95 Congressional Budget. Expected on board as of 30 September 1994 is 95.

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

Title/Name	Office	Fax	Home
• CO/OIC W. A. Davis, Jr., CAPT, USN, Commanding Officer	(803) 743-4793/4833	(803) 743-3704	*
• Duty Officer	(803) 743-3120	(803) 743-2329	*
• W. S. Reeves Command Deputy/ BRAC POC	(803) 743-4244	(803) 743-3704	*

* Provided by separate correspondence due to Privacy Act.

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

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
None				

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
None				

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
None					

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
None					

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

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
Naval Sea Systems Command	*Washington DC*	*Ship Repair, Modernization, Boat Repair and New Construction, on-site coordinator for Navy-leased drydock (AFDL 47) and on-site safety inspections of Navy Memorials in Wilmington, NC and Charleston, SC*
Commander-in-Chief U.S. Atlantic Fleet	*Norfolk, VA*	*Ship Repair and Boat Repair*
Commander, Naval Surface, U.S. Atlantic Fleet	*Norfolk, VA*	*Ship Repair and Boat Repair*
Commander, Naval Air Force, U.S. Atlantic Fleet	*Norfolk, VA*	*Ship Repair and Boat Repair*
Naval Station Mayport	*Mayport, FL*	*Boat Repair*
Naval Station Charleston	*Charleston, SC*	*Boat Repair*
Naval Station King's Bay	*Kings Bay, GA*	*Ship Repair and Boat Repair*
Naval Station Bermuda	*Bermuda*	*Boat Repair*
Naval Station Roosevelt Roads	*Puerto Rico*	*Boat Repair*
Naval Station Guantanamo Bay	*Cuba*	*Boat Repair*

Naval Station Ingleside	*Ingleside, TX*	*Ship Repair*
Charleston Naval Shipyard	*Charleston, SC*	*Ship Repair and Boat Repair*
Norfolk Naval Shipyard	*Norfolk, VA*	*Boat Repair*
Portsmouth Naval Shipyard	*Portsmouth, NH*	*Boat Repair*
Naval Weapons Station Charleston	*Charleston, SC*	*Ship Repair and Boat Repair*
Naval Propulsion Training Unit Charleston	*Charleston, SC*	*Boat Repair*
Readiness Support Group (RSG)	*Charleston, SC*	*Ship Repair and Boat Repair*
Commander, Submarine Force, U.S. Atlantic Fleet	*Norfolk, VA*	*Ship Repair and Boat Repair*
Naval Base La Maddalena	*Italy*	*Ship Repair and Boat Repair*
Naval Base Groton	*Groton, CT*	*Boat Repair*
Craft of Opportunity Mine Squadron TWO TWO (COOPMINERON TWO TWO)	*Charleston, SC*	*Boat Repair*

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).) See attached.

• 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".) Photo attached.

• Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.) None.

UIC N62673

Data Being Certified: BRAC 95 Data Call Number 1, SUPSHIP Charleston

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate
Title

2/10/94
Date

Naval Sea Systems Command
Activity

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

MAJOR CLAIMANT LEVEL

R. J. Malley
NAME (Please type or print)

Signature

COMNAVSEA
Title

2/13/94
Date

NAVSEA
Activity

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

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

S. F. Loftus
Vice Admiral, U.S. Navy
Deputy Chief of Naval Operations (Logistics)
NAME (Please type or print)

Signature

23 FEB 1994
Date

Title

VIC N62673 DBT Sht 07111 2-14-94

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

ACTIVITY COMMANDER

W. A. DAVIS, CAPT, USN
NAME (Please type or print)

Signature

SUPERVISOR
Title

9 Feb 94
Date

SUPSHIP CHARLESTON
Activity

Due to reduced Navy presence in the Charleston area as a result of closures directed by BRAC-93, SUPSHIP Charleston will become a Detachment of SUPSHIP Portsmouth in October 1995. Continued existence and sizing of the Detachment will be determined by the amount of Navy and DoD private sector ship or boat repair in the Charleston area.

W. H. Ryzewic 2/10/94
Certified: W. H. Ryzewic