DCN 1482

232

MILITARY VALUE ANALYSIS:
DATA CALL WORK SHEET FOR
TRAINING CENTER/SCHOOL:__MARINE CORPS RECRUIT DEPOT
PARRIS ISLAND, SOUTH CAROLINA

Category. Education and Training
Subcategory . Training Centers and Schools
Types . . . . Navy and Marine Corps Training Centers and Navy Schools

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

June 2, 1994

NAVY TRAINING CENTERS AND SCHOOLS LISTING:

Type	Title	Location
School	U.S. Naval Academy	Annapolis, MD
School	Naval War College	Newport, RI
School	Naval Postgraduate School	Monterey, CA
School	Surface Warfare Officers School Command	Newport, RI
School	Navy Supply Corps School	Athens, GA
School	Navy Submarine School	New London, CT
Training Center	Naval Education and Training Center	Newport RI
Training Center	Naval Training Center	Great Lakes, IL
Training Center	Trident Training Facility	Bangor, WA
Training Center	Trident Training Facility	Kings Bay, GA
Training Center	Naval Nuclear Power Training Unit	Balston Spa, NY
Training Center	Naval Nuclear Power Training Unit	Idaho Falls, ID
Training Center	Naval Technical Training Center	Corry Station, FL
Training Center	Naval Technical Training Center	Meridian, MS
Training Center	Naval Air Technical Center (Millington)	Pensacola
Training Center	Fleet Combat Training Center, Atlantic	Virginia Beach, VA
Training Center	Fleet Combat Training Center, Pacific	San Diego, CA
Training Center	Naval Amphibious School	Little Creek, VA
Training Center	Naval Amphibious School	Coronado, CA
Training Center	Fleet Training Center	Norfolk, VA
Training Center	Fleet Training Center	Mayport, FL
Training Center	Fleet Training Center	San Diego, CA
Training Center	Fleet Anti-Submarine Warfare Training Center, Atlantic	Norfolk, VA
Training Center	Fleet Anti-Submarine Warfare Training Center, Pacific	San Diego, CA
Training Center	Fleet Mine Warfare Training Center (Charleston)	Ingleside, TX
Training Center	AEGIS Training Center	Dahlgren, Va

MARINE CORPS TRAINING CENTERS LISTING:

Type	Title	Location
Training Center	Marine Corps Combat Development Command	Quantico, Va
Training Center	Marine Corps Air Ground Combat Center	Twentynine Palms, Ca
Training Center	Marine Corps Recruit Depot	Parris Island, SC
Training Center	Marine Corps Recruit Depot	San Diego, Ca

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July 13, 1994

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Data for Military Value

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Introduction

1. Purpose. This introduction provides general instructions for replying to this data call; individual questions and footnotes give specific instructions for completion of tables, computations, etc.

2. References

a. Use projected promotion and retention rates and the Base Force Structure as outlined in the JCS Memorandum dated 7 February 1994 re: 1995 Base Realignments and Closures Force Structure Plan to determine future training mission requirements.

b. Refer to the NAVFAC P-72 for Facility Category Code Numbers (CCNs).

c. NAVFAC P-80 provides a discussion of the general nature of each CCN; use it to delineate "types" of facilities that share a common CCN.

d. Refer to NAVFACINST 11010.44E for definition of adequate, substandard, and adequate facilities.

e. Use the DoD Military Training Report FY 1993 definitions of types of training to classify the training and education conducted by the school or training center.

3. Definition of Terms. For purposes of this data call the following apply:

a. A **Formal School** is an activity that sponsors one or more programmed courses of instruction (i.e. Chaplain's School, Service Schools Command, Weapons Training Battalion).

b. A **Course of Instruction** (i.e. Boiler Technician "A," Scout Sniper Instructor) comprises one or more individual contact periods (classes).

c. A **Combined Arms Exercise** (CAX) is training that units are programmed to undergo at the Marine Corps Air Ground Combat Center, Twentynine Palms, CA.

d. An **Educational Institution** is an activity that grants either an undergraduate or postgraduate degree(s) (i.e. U.S. Naval Academy).

e. A **Degree** requires the completion of an established curriculum.

f. A **Curriculum** comprises one or more courses of instruction.

g. A **Facility** is a space (e.g. a room), a defined area (e.g. a range), a structure (e.g. a building), or a structure other than a building (e.g. an obstacle course); it is possible for a building to house one or more facilities of different types.

h. **Recruit Training** is training upon initial enlistment or induction which provides a general indoctrination to the service, teaches skills and knowledge in basic military subjects, and prepares the recruit for early adjustment to military life. For the Navy, this is Class "R" training.

i. **Officer Acquisition Training** consists of training and education programs leading to a commission. For the Marine Corps, this includes the Marine Enlisted Commissioning Education Program (MECEP); for the Navy, this is class "P" training.

j. **Apprentice Training** is fundamental training in one of four basic skills areas (Seaman, Fireman, Airman, Constructionman) that enlisted personnel, who are not yet slated for a rating, receive immediately after recruit training. For the Navy, this is class "AA" training.

k. **Initial Skill Training** includes all formal training following recruit training or commissioning and leading toward the award of a military occupational specialty (MOS) or rating at the lowest level. For the Navy, this includes all class "A" training (except "AA") and class "M" (subcategories "M3" and "M4" only) training.

l. **Skill Progression Training** is training servicemembers receive after initial skill training, and normally after having gained experience though actual work in their specialty, through which is gained the knowledge to perform at higher skill levels, in a supervisory position, and to assume increased responsibilities. For the Navy, this is class "C", "G" and "M" (subcategories "M1" and "M2" only) training.

m. **Functional Training** is training in subject areas that cut across the scope of MOSs/ratings and provides additional required skills with out changing the servicemembers primary specialty or skill level. For the Navy, this is class "F" training.

n. **Team Training** provides team functional skill training to increase proficiency required by Fleet or Type Commanders. For the Navy, this includes class "T" training.

o. **Professional Development Education** (PDE) provides training and education to career military personnel, enlisted and officer, to prepare them to perform increasingly complex responsibilities as they progress in their military careers. PDE may or may not lead to an academic degree. For the Navy, this is class "D" and "E" training.

4. Coordinating Instructions

a. Enter the primary UIC *of the data call respondent* (identified in the preceding listings of Navy and Marine Corps schools and training centers) and the page number at the bottom of each page of the response; ensure that additional pages created include this identifier.

b. Where information about current facilities available is requested, include MILCON projects that are not BRAC related, which have been authorized and appropriated and for which contracts are to be awarded by 30 September 1994; *do not* include projects submitted in the FY 95 Presidential Budget. Proposed MILCON projects in support of previous BRAC decisions should be included in response by gaining activities.

c. If any of the information requested is subject to change between now and the end of Fiscal Year 2001 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

d. Use the codes listed below to respond to questions where the "Type of Training" is requested.

Code	Type of Training
RT	Recruit Training
OA	Officer Acquisition Training
AA	Apprentice
IS(E)	Enlisted Initial Skill Training
IS(O)	Officer Initial Skill Training
SP(E)	Enlisted Skill Progression Training
SP(O)	Officer Skill Progression Training
FE	Enlisted Functional Training
FO	Officer Functional Training
TT	Functional Team Training
PD	Professional Development Education

Introduction (Cont.)

e. Where "Course Identifier" is requested, educational institutions shall indicate the department and time period concerned (e.g. English/1st Semester, Wargaming Center); formal schools shall use course identification numbers, either CIN or CID; and the Marine Corps Air Ground Combat Center shall indicate CAX types (e.g. USMC BLT, USMCR RLT).

f. Tenant activities of a school or training center that use space must be accounted for under the host UIC for all courses taught and classroom space utilized.

g. Unless specified otherwise, "throughput" figures should include that from all sources (DON, other DoD, active and reserve components, and non-DoD).

h. Use "N/A" to respond to a question and/or table that does not apply; provide the reason(s) why it is not applicable.

i. Provide best estimates where projections of future peacetime or mobilization requirements are requested.

j. Delete the examples in bold type (provided in various tables to facilitate understanding on how to present the data requested) in responding to the questions.

Mission Requirements

A. Formal Training

1. Using the below table, indicate the types of training that are currently conducted at your activity/installation (i.e., answer yes or no for each type). For those types of training that are conducted, also give the number of courses taught and the number of students trained during FY 1993. **For CAX's, provide number of types vice number of courses.** Calculate AOB for formal schools and educational institutions using calendar days as follows:

Formal Schools (Students take only one course at a time)

$$AOB = \frac{\text{Sum of (course length x course throughput) for each course}}{365}$$

Educational Institutions (students take multiple courses at one time)

AOB = Daily number of students averaged over 365 days

Type of Training	Yes/ No	Student Throughput	# of Courses	AOB
Recruit Training (MALE) Recruit Training (FEMALE)	YES YES	18,951 1,703	45 17	3998 392
Officer Acquisition Training				
Professional Development Education				
Apprentice Training				
Initial Skills Training (E)				
Initial Skills Training (O)				
Skill Progression Training (E)				
Skill Progression Training (O)				
Functional Training (E) DI SCHOOL	YES	325	4	75.4
Functional Training (O)	YES	38	11	1
Functional Team Training (O/E)				
CAX				

Mission Requirements

A. Formal Training (cont.)

2. Indicate in the table below all types of training that were conducted at your installation at any time during the past ten years (since fiscal year 1984). For those training types that are no longer conducted, give the year when the training ended.

Type/Level Training	Yes/No	Year Training Ended
Recruit Training (MALE & FEMALE)	YES	ONGOING
Officer Acquisition Training		
Professional Development Education		
Apprentice Training		
Initial Skills Training (E)		
Initial Skills Training (O)		
Skill Progression Training (E)		
Skill Progression Training (O)		
Functional Training (E)	YES	ONGOING
Functional Training (O)	YES	ONGOING
Functional Team Training (O/E)		

3. If your command provides undergraduate/graduate degrees answer the following four questions.

(a) Does your activity grant undergraduate degrees? If yes, complete the following table. No.

Type of Degree	Number of Degrees Awarded		
	FY 1991	FY 1992	FY 1993
N/A			

Mission Requirements

A. Formal Training (cont.)

(b) Does your activity grant graduate degrees? If yes, complete the following table. No.

Type of Degree	Support Subspecialty Billet			Support JPME Billet		
	FY 1991	FY 1992	FY 1993	FY 1991	FY 1992	FY 1993
N/A						

(c) What percentage of those enrolled in an undergraduate/graduate degree program did not complete requirements for a degree? Provide the percentage for the past three years.

N/A. See (a) and (b) above.

(d) Is there a degree granted at your institution that cannot be obtained elsewhere? If so, provide a list. No.

Mission Requirements

A. Formal Training (cont.)

4. Indicate in the following table by a "y" for yes and a "n" for no each type of school at your command.

School	Enlisted (Y/N)	Officer (Y/N)
Senior Enlisted Academy		
Surface Warfare Training		
AEGIS		
Submarine Warfare Training		
Diving and/or Salvage		
Dental		
Chaplain/Religious Programs		
PAO/Journalism/Photography		
Communications		
Oceanography/Aerography		
Aviation/Flight		
Supply/Logistics		
JAG/Legal		
CEC/Seabee		
Medical		
Education		
Cryptology		
Intelligence		
EOD		
General Skills	yes	yes
Special Warfare		
Music		

Mission Requirements

A. Formal Training (cont.)

5. Do you have a requirement for teaching classified course work? If yes answer the following questions. No.

(a) How many courses do you teach that utilize classified resources?
(b) Do you have an approved Sensitive Compartmented Information Facility (SCIF)? Provide capacity in terms of seats for each SCIF.
(c) Do you have any secure classrooms/labs (do not include SCIF's)? How many? Provide the capacity in terms of seats for each classroom/lab.
(d) Do you have secured storage? Provide square footage.
(e) Are current facilities adequate to support courses that use classified material?

6. For each type of training conducted by your command, give the number of courses that are currently taught by mobile training teams (MTT), video teletraining (VTT), and at other geographic locations (i.e., correspondence or non-resident programs (Cor/NR)). None.

Type/Level Training	MTT	VTT	Cor/NR
Recruit Training	none	note 1	none
Officer Acquisition Training			
Professional Development Education			
Apprentice Training			
Initial Skills Training (E)			
Initial Skills Training (O)			
Skill Progression Training (E)			
Skill Progression Training (O)			
Functional Training (E)	none	none	none
Functional Training (O)	none	none	none
Functional Team Training (O/E)			

Note 1: Instructional Television (ITV) is used to augment some scheduled classroom instruction and to provide troop information. ITV is scheduled by recruit trainers during time not otherwise formally scheduled for instruction/training.

Mission Requirements

A. Formal Training (cont.)

7. For each type of training conducted by your command give the number of courses that could be taught by mobile training teams (MTT), video teletraining (VTT), and at other geographic locations (i.e., correspondence or non-resident programs (Cor/NR)).

Type/Level Training	MTT	VTT	Cor/NR
Recruit Training	none	none	none
Officer Acquisition Training			
Professional Development Education			
Apprentice Training			
Initial Skills Training (E)			
Initial Skills Training (O)			
Skill Progression Training (E)			
Skill Progression Training (O)			
Functional Training (E)	none	none	none
Functional Training (O)	none	none	none
Functional Team Training (O/E)			

8. List the courses taught by your command that require special/unique facilities which are not currently available at any other Navy/Marine Corps facility.

Course Identifier	Unique/Special Facility Requirements
RT (F)	Fourth Recruit Training Battalion complex, see note 1
RT (M)(F)	open squadbays, see note 2
RT (M)(F)	Leatherneck Square, see note 3
RT (M)(F)	Combat Training Pool, see note 4

Mission Requirements

A. Formal Training (cont.)

Note 1: The Fourth Recruit Training Battalion complex is unique to the Marine Corps in that it is the only female Marine recruit training complex. Originally built to be entirely self-contained, the complex still operates/maintains its own mini-exchange, beauty salon, gymnasium, and female recruit clothing and tailoring section, along with its messhall, 12 squadbays, 6 classrooms, parade deck, PT fields with circuit course and rope climb, and obstacle course. Unlike the male battalions, the female Medical Rehabilitation Platoon (MRP) and Physical Conditioning Platoon (PCP) are housed and supervised within the Fourth Battalion complex.

Note 2: Under current Marine Corps orders, only recruit training centers are authorized to build open squadbays for use by military personnel. Currently, 123 open squadbays operate on-board Parris Island.

Note 3: Leatherneck Square is a 13.8 acre area comprised of multiple recruit training courses to include a confidence course of 11 obstacles, a 16,200 sq ft open air dome specifically designed for the instruction and evaluation of hitting skills, a pugil sticks fighting bridge, three two-man pugil sticks fighting holes and a four-man pugil sticks fighting arena.

Note 4: The Combat Training Pool, to be completed in FY94, was designed and constructed specifically for the purpose of instructing and qualifying recruits in the Marine Corps Combat Water Survival swim qualification program. The pool area covers 16,175 sq ft and provides five and ten foot entry platforms. It contains an extensive shallow (four to five feet) section for the purpose of training non-swimmers in water survival techniques. The facility provides storage and drying areas for water qualification gear (camouflage uniforms, boots, ALICE packs, etc.).

Mission Requirements

A. Formal Training (cont.)

9. List by course identifier the courses/CAX's in which elements must be waived because the current training facilities/areas do not completely accommodate course/CAX requirements. Provide a general description of the training element waived and the reason(s) why it was waived (specify any applicable CCN or training area).

Course Identifier	Description of Training Element Waived	Reason for waiver
none		

10. Complete the following table for each course/CAX which requires the use of training facilities/areas at other locations. Provide course identifier, name and location of the training facility or area, distance in miles, frequency/convening, annual costs and the reason for using the training facility/area. Do not include courses taught by MTT's.

Course Identifier	Name and Location of Training Facility/Area	Distance (miles)	Freq/ Conv	Annual Costs	Reason
none					

11. Does your command/installation train both male and female personnel? If so, to what extent are facilities segregated by gender? Indicate which facilities are gender specific by CCN and provide the square footage. Yes. List on next page.

Mission Requirements

A. Formal Training (cont.)

The following is a list of facilities within the Fourth Battalion complex with the corresponding CCN's and square footage:

BLDG #	CCN's	SQFT
926	772-10; 826-10	10,022; 2511
927	610-72; 730-13; 171-60	4526; 1802; 3572
908A	441-12	100
928	610-72	1281
932	740-43	8625
933	171-10; 550-10; 610-72	8827; 1433; 5367
938	721-15	28,243
939	171-10; 171-20; 610-72	3944; 4600; 3115
940	171-60; 740-09	1504; 512
941	721-15	28,423
934	721-15	25,915

Mission Requirements

B. Other Training Support

1. List all ground combat units that train at your installation.

Ground Unit	Training Function / Facilities Used
II MEF (MEU's)	Helo insertions / field training area.

2. List all other units not previously mentioned (active, reserve, guard, etc.) that train at your installation.

Operational Unit	Training Function / Facilities Used
MCAS Beaufort & Tenants: MAG-31 MWSS-273 MACS-5 CSSD-23	Rifle range requalifications and field training. These units use the rifle ranges and field training area.
USMC Security Forces: Kings Bay,Ga Charleston, SC	Rifle range requalification / Depot rifle ranges
USMC Reserves: Albany, GA Marietta, GA Savannah, GA Columbia, SC Jacksonville,FL Greenville, SC	Rifle range requalification / Depot rifle ranges.

USMC Recruiting Station, JacksonvilleFL	Rifle range requalification / Depot rifle ranges.

3. List all requirements the installation or its tenants have to support local area unit or battle group level training (e.g., battle group exercise).

Training Supported	Location of Training	Type of Support	# Times per Year
none			

Mission Requirements

C. Other Military Support

1. List all current RDT&E programs (RDT&E, funded studies, etc) that are active on your installation. Note if they can't be relocated and explain why.

None.

2. Describe the role this installation plays in support of wartime logistics and mobilization requirements, e.g., Logistics Support and Mobilization Plans. Are your facilities adequate to meet this requirement? If not, identify deficiencies.

As a recruit training center, our throughput of newly-graduated Marines remains in direct support of current Marine Corps/SecDef mobilization status. Our facilities are adequate to meet wartime mobilization plans and requirements.

3. List any other military support missions currently conducted at/from this installation (e.g., port of embarkation for USMC personnel, other active duty/reserve personnel or logistics transfer missions).

None.

4. Are any new military missions planned for this installation? No.

Mission Requirements

D. Other Non-Military Support

1. Does the installation have a role in a disaster assistance plan, search and rescue, or local evacuation plan? If so, describe. Yes.

In the event of a major hurricane, all personnel will be evacuated from the Depot and proceed to USMC Logistics Base, Albany, GA.

The Parris Island Fire Department is responsible for search and rescue operations involving military personnel. They are able to provide assistance to civilian search and rescue efforts.

Although no official agreements exist, Parris Island is expected to provide recovery support to the local civilian community after major storms.

2. Does the installation provide any direct support to local civilian, governmental or military agencies? If so, describe.

Yes. The following support is provided:

Boy Scouts tours and camp site visits. (about 30 a year)
High School proms are held in Depot facilities.
Use of club facilities by local civic, religious, educational and government organizations.
The Technical College of Low Country graduation ceremony is held in the Depot's auditorium.
Event support (PA/sound system) for Battery Creek High School graduation.
Use of pool by Beaufort Swim Club. (only indoor pool in local area)
Support local Beaufort Water Festival with food service/preparation facilities.
The Beaufort Memorial Hospital holds its annual benefit ball in the Depot's Lyceum.
Host visits of JROTC groups and military unit reunions.
Band and color guard support for numerous local/regional events, such as the Beaufort Annual Tri-Service Concert.
Military funeral and burial details for any qualified service member in the local area. (emphasis is on supporting the Beaufort National Cemetery)
Program support for the Beaufort Marine Institute, a local juvenile rehabilitation center.

Mission **Requirements**

D. Other Non-Military Support (cont.)

Program support for the South Carolina Institute of Archeology which conducts annual digs at the Santa Helena site on-board Parris Island.
Judging and event support for local and national drill competitions.
Small arms range support for local law enforcement agencies.
Program support for local environmental groups. (recycling, clean-up, preservation)

Generally, the Depot is active in the community and provides support whenever/wherever appropriate.

3. Are any new civilian or other non-DoD missions planned for this installation? If so, describe. No.

Facilities

A. Training Facilities -- Academic Instruction Building (CCN 171-10)

1. Give the total gross square footage of academic instruction buildings at your activity. Provide the square footage by the general type of classroom (i.e., General Academic Classroom and Modified Academic Classroom as defined in NAVFAC P-80), and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate).

Classroom Type	Adequate	Substandard	Inadequate
General Academic	41,035	0	0
Modified Academic	5,247	0	6,000
TOTAL	46,332	0	6,000

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: 171-10, bldgs 567,568
b. What makes it inadequate?
Not suitable for classroom instruction (Def Code B26)
c. What use is being made of the facility? storage
d. What is the cost to upgrade the facility to substandard? More than 50% of replacement value.
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? N/A, does not use.

Facilities

B. Training Facilities -- Applied Instruction Building (CCN 171-20)

1. Give the total square footage of applied instruction buildings at your activity. Break out the square footage by each type of facility listed in the below table (see NAVFAC P-80 for definitions) and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate). For special applied instruction, list each facility designed for training specialized functions. **Examples provided in bold.**

Type of Applied Instruction Building	Adequate	Substandard	Inadequate
General Applied Instruction	**106,256**	**-0-**	**54,916**
Total Special Applied Instruction			
TOTAL	**106,256**	**-0-**	**54,916**

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: 171-20, bldgs 18, 763, 771, 1004, 1005, 1006, 6004, AS26, applied instruction

b. What makes it inadequate? poor ventilation system, inadequate functional space layout, overall building deterioration, safety violations

c. What use is being made of the facility? some to be demolished, others retained; bldg 6004 converts 10,000 sqft to CCN 721-15

Facilities

B. Training Facilities -- Applied Instruction Building (CCN 171-20) (cont.)

d. What is the cost to upgrade the facility to substandard? not economically feasible except for bldg 6004 at $50,000

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

f. Current improvement plans and programmed funding: MilCon P-100 to replace AS26; several local projects are planned to replace deficiencies in this CCN

g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? N/A, HQMC does not use.

Facilities

C. Training Facilities -- Operational Trainer Facility (CCN 171-35)

1. Give the total square footage of operational trainer buildings at your activity. Break out the square footage by the type of trainer (be specific -- e.g., MK 41VLS weapons system trainer, CG 47 Propulsion Plant Trainer, boiler room full scale model, Polaris tube full scale mock-up, etc.); and within each type, by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate).

Type of Operational Trainer Facility	Adequate	Substandard	Inadequate
Indoor Simulated Marksmanship Trainer (ISMT)	-0-	-0-	4,311
Total	-0-	-0-	4,311

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: bldg 771, OP-Trainer
b. What makes it inadequate? Functional space criteria.
c. What use is being made of the facility? OP-Trainer

Facilities

C. Training Facilities -- Operational Trainer Facility (CCN 171-35) (cont.)

d. What is the cost to upgrade the facility to substandard?
N/A: Building needs to be bigger not better.

e. What other use could be made of the facility and at what cost?
Academic/applied instruction; Cost $25,000

f. Current improvement plans and programmed funding:
HQMC project PI9509RS to construct ISMT building proposed for FY-95.

g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? N/A, HQMC does not use.

Facilities

D. Training Facilities -- Other Training Buildings

1. Give the square footage of the training buildings listed in the below table that are at your activity. Break out the square footage by the material condition of the facility (i.e., Adequate, Substandard, and Inadequate).

CCN	Type of Training Building	Adequate	Substandard	Inadequate
171-15	Reserve Training Building	0	0	0
171-17	TV CTR/Instruction Matter	2480	0	0
171-25	Auditorium	18118	0	0
171-36	Radar Simulator Facility	0	0	0
171-40	Drill Hall (see note 1)	0	0	0
171-45	Mock-up and Training Aid Preparation Center	8,774	0	8,048
171-50	Small Arms Range - Indoor	0	4880	0
171-60	Recruit Processing Building	91461	0	0
171-77	Training Material Storage	0	0	0

Note 1: Building 18, the Lyceum, is currently carried under CCN 171-20, applied instruction facility. It is a 22,567 sq ft building that could be utilized for indoor drill.

Facilities

D. Training Facilities -- Other Training Buildings (cont.)

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: 171-45, bldgs 789,799, target factory.
b. What makes it inadequate? Physical condition and location.
c. What use is being made of the facility? Target factory.
d. What is the cost to upgrade the facility to substandard?
More than 50% of CPV.
e. What other use could be made of the facility and at what cost? storage; -0- cost.
f. Current improvement plans and programmed funding:
MILCON project P-201 will construct new target factory.
g. Has the facility's condition caused a "C3" or "C4" designation on your BASEREP? N/A, HQMC does not use.

Facilities

E. Training Facilities -- Training Facilities Other Than Buildings (CCN 179)

1. Using the below table, give the number of training facilities other than buildings that are at your activity. For each type of training facility, give the number of facilities that are in adequate, substandard, and inadequate condition. For the **Training Courses** and **Parade and Drill Fields** provide **number of facilities/acres.**

CCN	Training Facilities	Number of Facilities		
		Adequate	Substandard	Inadequate
179-10	Aircraft Gunnery, Bombing and Rocket Range	0	0	0
179-30	Surface Projectile Range	0	0	0
179-35	Weapons Range Operations Tower	3	0	0
179-40	Small Arms Range - Outdoor	7/133	0/0	0/0
179-45	Training Mock-Ups	2	0	0
179-50	Training Course	17/166.5	0/0	0/0
179-55	Combat Training Pool/Tank	1	0	0
179-60	Parade and Drill Field	7/21.5	0/0	0/0
179-70	Radar Bomb Scoring Range	0	0	0
179-71	Electronic Warfare Training Range	0	0	0
179-72	Underwater Tracking/Training Range	0	0	0

Facilities

E. Training Facilities -- Training Facilities Other Than Buildings (CCN 179) (cont.)

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 the facility's condition caused a "C3" or "C4" designation on your BASEREP?

Facilities

F. Training Equipment

1. List any major or unique equipment, which in your opinion, would be cost prohibitive to replicate or move to a new site should you be required to close or relocate. Indicate if it is feasible to relocate the equipment, gross tonnage, cube and the estimated downtime for training if relocated.

Equipment	Relocatable (Y/N)	Gross tons	Cube (ft^3)	Estimated Down Time
None				

Facilities

G. Training Areas

1. Complete the following table for all training areas considered unusable (i.e., overgrown, impassable, etc.).

Training Area	Unusable Acres	Reason Unusable
None		

2. List the training areas where availability or use is limited by concurrent use of another training area or facility (i.e., proximity of live fire range, an LZ within a larger training area, etc.).

Training Area	Limitation(s) on Use or Availability
None	

3. For **each** training area with environmental restriction, describe the restriction, the impact on training (discuss any National Environmental Policy Act documents required prior to the commencement of the training), and any mitigation required.

TRAINING AREA: none
RESTRICTION:
IMPACT ON TRAINING:
MITIGATION REQUIRED:

Facilities

H. Berthing Capacity

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

There is a pier aboard the Depot. It has a limited capability to provide fuel and power services (emergency services). It is used periodically by the Coast Guard for buoy tenders and as a safe haven port for cutters and patrol boats.

Table 1

Pier/ Wharf & Age[1]	CCN[2]	Moor Length (ft)	Design Dredge Depth[3] (ft) (MLLW)	Slip Width[4] (ft)	Pier Width (ft)[5]	CIA/Security Area? (Y/N)[6]	ESQD Limit[7]	# Days OOS for maint.
1952	152-20	497FB	6' - 10'	N/A	99	N	0	0

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

Facilities

H. Berthing Capacity (cont.)

2. For each **Pier/Wharf** in your plant account list the following **ship support characteristics**:

Table 2

Pier/ Wharf	OPNAV 3000.8 (Y/N)	Shore Pwr (KVA) & 4160V (KVA)	Comp. Air Press. & Capacity[1]	Potable Water (GPD)	CHT (GPD)	Oily Waste[1] (gpd)	Steam (lbm/hr & PSI)[2]	Fendering limits[3]
Pier	N	0	0	0	0	0	0	0

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

Facilities

H. Berthing Capacity (cont.)

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

Table 3

Pier/ Wharf	Typical Steady State Loading[1]	Ship Berthing Capacity	Ordnance Handling Pier Capacity[2]	IMA Maintenance Pier Capacity[3]
Pier	0	0	0	0

[1]Typical pier loading by ship class with current facility ship loading.

[2]List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

[3]List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

Facilities

H. Berthing Capacity (cont.)

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

Table 4

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

[1]Typical pier loading by ship class with current facility ship loading.

[2]List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

[3]List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

Facilities

H. Berthing Capacity (cont.)

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

Ships using the pier do not require ancillary craft. No facilities or services are available to support ancillary craft.

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

Pier is used 7 - 10 days a year.

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

N/A. No requirement to do so.

5.d. Describe any **unique limits or enhancements** on the berthing of ships at specific piers at your base.

None.

Facilities

I. Weapons and Munitions

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

ORDNANCE COMMODITY TYPES		
Mines	Expendables	LOE: Rockets
Torpedoes	INERT	LOE: Bombs
Air Launched Threat	CADS/PADS	LOE: Gun Ammo (20mm-16")
Surface Launched	Strategic Nuclear	LOE: Small Arms (up to 50 cal.)
Threat	Tactical Nuclear	LOE: Pyro/Demo
Other Threat		Grenades/Mortars/Projectiles

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

Facilities

I. Weapons and Munitions (cont.)

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
A1	7.49	336	9	336	15	336
A2	16.66	336	20	336	30	336
A3A	4.52	320	5	320	6	320
A3B	11.83	320	12	320	15	320
A4	3.04	336	4	336	6	336
A5	7.20	336	12	336	15	336
A6	113.56	966	200	966	250	966
A7A	6.25	44	6	44	7	44
A7B	.12	44	4	44	6	44
A9	24818.03	1342	36000	1342	40000	1342
TOTAL	24988.7	4380	36272	4380	40350	4380

The following data is provided for the Depot's Armory:

Bldg No. 6001
SQFT 11,620
Max Capacity: 10,000 small arms
Present Inventory: 7,800 small arms
Predicted Inventory: 7,800 small arms

Facilities

I. Weapons and Munitions (cont.)

2. For each Stowage facility identified in question 1 above, identify the type of facility (specify if "igloo", "box", etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

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

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
A1/igloo	small arms	training	Note 1
A2/igloo	pyro	training	note 1
A3A/igloo	small arms	training	note 1
A3B/igloo	small arms	training	note 1
A4/igloo	demo/pyro	training	note 1
A5/igloo	demo/pyro	training	note 1
A6/igloo	small arms	training	note 1
A7A/igloo	demo	training	note 1
A7B/igloo	demo	training	note 1
A9/nonstandard	small arms	training	note 1

Additional comments: Note 1: No restrictions exist, provided that compatibility and new requirements are complied with.

Facilities

I. Weapons and Munitions (cont.)

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

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
A1/earth covered 1FC	1.3	20,000	y	n	n/a
A2/earth covered 1FC	1.4	P/C	y	n	n/a
A3A/earth covered 1YC	1.3	10,000	y	n	n/a
A3B/earth covered 1YC	1.3	10,000	y	n	n/a
A4/earth covered, barricaded 1FT	1.1	20,000	y	n	n/a
A5/earth covered, barricaded 1FT	1.4	P/C	y	n	n/a
A6/earth covered, barricaded 1BT	1.1	20,000	y	n	n/a
A7A/earth covered, barricaded 1XT	1.1	500	y	n	n/a
A9/above ground 1Y	1.3	P/C	y	n	n/a

Facilities

I. Weapons and Munitions (cont.)

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

None.

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

None.

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance (specify level)	Y	small arms, see note 1	54,000 hrs, see note 2
Testing			
Manufacturing			
Outload			
Technical Support			

Note 1: 1st echelon through limited 4th echelon

Note 2: (27 armorers) x (250 days/year) x (8 hrs/day) x (1 yr) = 54,000 hrs

Facilities

J. Special Military Facilities

1. For airfields in your plant account, give the designation, length, width, load capacity, lighting configurations, and type of arresting gear for each runway.

The Depot's airfield is an inactive WWII era facility. The surrounding area has been converted to our field training area.

Runway	Length (ft)	Width (ft)	Weight Bearing Capacity	Lighting				Arrestin g gear (Type)
				F	P	C	N	
111-10	21,662	200	unknown				x	none

F -- Full Lighting (approach, runway edge, center, and threshold)
P -- Partial Lighting (less than full)
C -- Carrier Deck Lighting Simulated (embedded)
N -- No lighting

2. List all facilities and equipment that play a special role in military operations (e.g., radar, communications, command and control, oceanographic facilities) at the installation.

Type of Facility	Operational Mission of Facility
none	

Facilities

K. Other Facilities

1. In the following table, indicate the available space and condition for each facility designated or used for the functions indicated. The basic unit of measure is KSF. However, categories may be expanded to accommodate different units of measure.

Type of Facility	NAVFAC (P-80) category code	Unit of Measure	Adequate	Substandard	Inadequate	Total
Maintenance Facilities	210-xx	sqft	72,318	27,749	4,465	104532
Production Facilities	220-xx	sqft	0	0	0	0
RDT&E Facilities	300-xx	sqft	0	0	0	0
Supply Facilities	400-xx	sqft	202009	6778	276773	485560
Hospital, Medical Dental	500-xx	sqft	71018	0	4311	75329
Administrative Facilities	600-xx	sqft	208038	1733	57467	267238
Utilities/Grounds Improvements	800-xx	sqyd	109683	939	0	note1 2

Note 1. 170672

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?

Facilities

K. Other Facilities (cont.)

MAINTENANCE

a. 219-10, bldg 177, quonset hut, 1949 sqft
   219-25, bldgs N277, N279, N281, N282, quonset huts, total 2516 sqft
b. The overall, total deterioration of the buildings.
c. Shops storage and expendable bins for Public Works.
d. Buildings are 1940's quonset hut style storage and are not feasible to repair.
e. none
f. none
g. N/A

SUPPLY

a. 431-10, bldg 500A, cold storage warehouse, 26,676 sqft
b. deteriorated refrigeration systems
c. cold storage warehouse
d. Not feasible to repair refrigeration system, conduct asbestos and lead abatement, and upgrade to seismic zone 3 design criteria.
e. warehouse space, estimated at 200 - 300 K
f. MilCon P-048 - general warehouse facility planned in FY97 to replace bldg 500A
g. N/A

a. 441-10, bldgs 627,648,686,687,688,689,690,691,693,694,695,696, warehousing, total 84,540 sqft
b. total, overall deterioration
c. warehouse space
d. Not feasible to conduct asbestos and lead abatement and upgrade to seismic zone 3 design criteria.
e. none
f. MilCon P-048, FY 97 - will demolish all of these buildings and provide a new facility
g. N/A

a. 441-12, bldgs 10,139,172A,405B,405C,559,559A,603,607A,607B,615,626,629,642,644, 649,651,654,674B,685,697,764,786,800,856, warehousing, total 144,282 sqft
b. total, overall building deterioration, asbestos abatement, non-functional spaces and ventilation, need to upgrade to seismic zone 3 criteria

Facilities

K. Other Facilities (cont.)

c. storage warehouse space
d. not economically practical
e. none
f. some buildings will be retained for use while others will be demolished with local funds as they become available
g. N/A

a. 441-30, bldgs 599B, 604A, 649C, 7005 hazardous/flammable storage, total 710 sqft
b. total, overall building deterioration, asbestos abatement
c. hazardous/flammable storage
d. not practical in that the upgrade could be more than the CPV
e. none
f. none
g. N/A

a. 441-35, bldg 630, general storage shed, 10,440 sqft
b. overall life cycle of building has expired
c. general storage
d. not economically practical
e. none
f. none
g. N/A

a. 441-72, bldg 626, servmart, 10,125 sqft
b. overall life cycle of building has expired
c. servmart
d. not economically practical
e. none
f. none
g. N/A

HOSPITAL, MEDICAL, DENTAL

a. 550-10, bldg 771, WeaponsTBn medical clinic, 4311 sqft
b. physical condition of facility and functional layout constraints

Facilities

K. Other Facilities (cont.)

c. ISMT training for WeaponsTBn
d. more than 50% CPV
e. academic/applied instruction space
f. none
g. N/A, HQMC does not use

ADMINISTRATION FACILITIES

a. 610-10, bldgs 155,633,A10, general administration, 6075 sqft
b. physical condition, functional space layout, poor ventilation and exhaust
c. general administration space
d. an estimate of $25/sqft would indicate $1.4M
e. storage or warehouse space
f. two local projects will consolidate some of this space and convert space to various uses
g. N/A, HQMC does not use

a. 610-72, bldg 620,632,635, battalion headquarters, 51,392 sqft
b. poor physical condition, building interior and layout
c. battalion headquarters
d. not economically feasible
e. storage
f. MilCon P-018 - to construct new 1st and 2nd Battalion headquarters and demolish bldgs 620 and 632; 635 will be demolished locally
g. N/A, HQMC does not use

Facilities

L. Maintenance, Repair, & Equipment Expenditure Data

1. Provide the **maintenance, repair, and equipment expenditure data** asked for in the table on the following page. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

MRP: Maintenance of Real Property Dollars is a budgetary term used to gather the expenses or budget requirements for facility work including 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.

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

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

Facilities

L. Maintenance, Repair, & Equipment Expenditure Data (cont.)

UIC M00263

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
FY1985	10.3	Not available	not available
FY1986	9.9	Not available	14.3
FY1987	15.9	Not Available	15.0
FY1988	11.6	394	14.7
FY1989	11.8	397	14.8
FY1990	9.9	408	15.2
FY1991	17.1	413	15.0
FY1992	10.6	420	15.4
FY1993	9.1, see note 2	438	11.1
FY1994	7.3	Note 1	11.7
FY1995	7.4	Note 1	11.7
FY1996	11.4	Note 1	11.9
FY1997	10.0	Note 1	12.1

Note 1: FY94-97 CPV is unknown, however we expect increases relative to the inflation index.

Note 2: Includes RPMD (Real Property Maintenance Defense) funds.

Facilities

M. Base Infrastructure and Investment

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

Project	Description	Fund Year	Value
P-253	Academic Instruction Bldg.	FY87	1.2M
P-898	Dental Clinic Addition	FY87	4.5M
P-118	Clothing Issue Bldg.	FY91	3.4M
P-034	Combat Training Pool	FY94	4.6M
PI403R N036 PI208R	Parade deck/review stand renovation Football Field, Bldg 305 Community Center	FY93 FY89F Y92	483K 459K 231K

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

Project	Description	Fund Year	Value
P-270	Recruit Training Facility	FY96	6.4M
P-201	Target Factory	FY96	1.1M
P-018	Recruit BN Operations Center	FY97	2.6M
P-048	General Purpose Warehouse	FY97	15M

Project	Description	Fund Year	Value
P-327	Classroom Bldg FTU Area	FY97	1.2M
P-310	Child Care Center	FY95	2.5M
P-141	PMO	FY95	1.3M
Note 1.	PI9608R - Elect Distribution Mods	FY96	296K
	PI9600R - Construct PT Field Shelter	FY96	251K
	PI9604R - Logistics Fac, Leatherneck Sq PI9601R - Spot	FY96	277K
	Cooling, Depot Laundry	FY96	225K
	PI9605R - Construct Range Road	FY96	207K
PW5-91	PI9602R - A/C Gym, Bldg 111	FY96	260K
	PI9603R - A/C Gym, Bldg 287	FY96	217K
PW7-	PI9509R - Construct I.S.M.T. Bldg	FY95	286K
93	Replace A/C in Bldg 669 (messhall)	FY91	299K
PI301M	PW26-91 - Windows/doors 3rd BN squadbays	FY91	229K
	PW28-91 - Renovate Bldg 295, Food Services	FY91	338K
	Repair Stonework, Bldg 111	FY93	146K
PI001M/	NW51-93 - Child Care Center addition	FY93	148K
006R	Mech /Electrical system, Bldg 158	FY93	313K
PI002M	PW25-91 - Windows/doors Lyceum	FY91	247K
	ENV1-93 - Pesticide Storage Facility	FY93	120K
PI101M	BOQ repair/renovation, Bldg 289	FY90	1.2M
PI003M	Rct Sqdby window/door replace, Bldg 599/601	FY90	574K
PI004M	Rct Sqdby window/door replace, Bldg 589/591		
PI006M	Recruit Barracks, Refurbish	FY91	550K
PI007RP	Replace Steam Lines		
I104M	Repair Elect Dist System	FY90	1.1M
PI102M	Construct Weapons Trng Shed	FY90	786K
PI103M	Air Handler Replacements, Recruit Sqdbys	FY90	560K
	Refrigeration Cold Storage	FY90	181K
PI201M	A/C System upgrade 4th BN	FY91	1.2M
	PW11-91 - Absorption Unit, Bldg 602	FY91	498K
	Parade Deck renovation	FY91	968K
		FY91	328K
		FY92	1.6M

Note 1: Project codes that could not fit into first column were placed in second column with the description.

Facilities

M. Base Infrastructure and Investment (cont.)

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

Project	Description	Fund Year	Value
	None		

Location

1. Complete the following tables to show geographic area for male and female **recruits** attending each training center. Use the Navy Recruiting Area's for USN and the Marine Recruiting District's for USMC for the geographic areas. Responses should include numbers from training centers closed in previous BRAC's.

a. Incoming male recruits

Geographic Area	Number of Incoming Male Recruits		
	FY1992		
1st MCD NE	4589	5820	5829
4th MCD MidAtlantic	5418	6482	5999
6th MCD SE	5862	6649	6552
Total	15869	18951	18380

b. Incoming female recruits

Geographic Area	Number of Incoming Female Recruits		
	FY92	FY1993	FY1994
1st MCD N. E.	233	259	259
4th MCD MidAtlantic	263	283	281
6th MCD SE	286	291	280
8th MCD MidWest	317	274	279
9thMCD UpperMidWest	303	298	290
12th MCD West	303	298	293
Total	1705	1703	1682

Location (cont.)

2. Complete the following table to show the geographic destination of **Recruits** to either their Ultimate Duty Station (Fleet Unit/Shore Activity) or follow-on training.

Geographic Area	Destination of Outgoing Students by Number					
	Ultimate Duty Station			Follow-on Training		
	FY1992	FY1993	FY1994	FY1992	FY1993	FY1994
SoCal/SW	3 (f)	1 (f)		158(f)	131(f)	111(f)
No California				12 (f)	3 (f)	2 (f)
PacificNW						
Hawaii	1 (f)		1 (f)			3 (m)
GulfCst/FL				111(f)	82 (f)	90 (f)
FLA/GA					5 (f)	7 (f)
SoCarolina			1 (f)			
NoCar/Virginia				773(f) 13110M	785(f) 13779M	515(f) 10143
Northeast				17 (f)	2 (f)	
GrtLks/Tenn				149(f)	130(f)	69(f)
OUTUS(-HI)						
Other CONUS				89 (f) 379(m)	76 (f) 469(m)	29 (f) 2 (m)
TOTALS	4(f)	1(f)	2(f)	1309 f 13489m	1214 f 14248m	823 f 10148m

Note 1: Almost 100% of the male graduating Marines report to follow-on training (SOI/MCT) at Camp Lejeune, NC. A few report to other schools; none report to their ultimate duty station. From SOI/MCT, many new male Marines proceed to various MOS schools before reporting to their ultimate duty station. Therefore, the most accurate accounting of male Marine destinations is follow-on in NoCar/Virginia.

Note 2: FY94 totals are year to date. Year end totals are expected to be 1682 females and 18,380 for males.

Legend:
Southern California/SW: San Diego, Pendleton, Twentynine Palms, Long Beach, Yuma
Northern California: San Francisco area
Pacific Northwest: Washington State

Location (cont.)

Hawaii:	HI
GulfCoast/Florida	TX, LA, MS., AL, FLA (Panhandle), Key West
Florida/Georgia:	Jacksonville, Cecil Field, Mayport, Kings Bay
South Carolina:	Charleston, Beaufort, Parris Island
North Carolina/ Virginia:	Lejeune, Norfolk, National Capital Region
Northeast:	New England States, Pennsylvania, New York
Great Lakes/Tennessee:	NTC Great Lakes, Memphis, Millington
OUTUS:	Outside Continental US
Other CONUS:	CONUS locations not specifically listed

3. Complete the following table to show the active duty customer base for **each** formal school/educational institution/CAX.

Educational Institution/Formal School/CAX: Recruit Training

(m) = Male Recruits (f) Female Recruits (DI) Drill Instructors

Geographic Area	Number of Incoming Students		Destination of Outgoing Students			
			Fleet Units/Shore Activity		Follow on Training	
	FY1993	FY1994	FY1993	FY1994	FY1993	FY1994
SoCalif/SW	3 (m) 79 (f) 48 (DI)	52 (f) 43 (DI)	48 (DI)	43 (DI)	3 (m) 79 (f)	52 (f)
NoCalifornia	2 (m) 38 (f) 20 (DI)	23 (f) 16 (DI)	20 (DI)	16 (DI)	2 (m) 38 (f)	23 (f)
PacificNW	5 (m) 39 (f) 1 (DI)	29 (f) 2 (DI)	1 (DI)	2 (DI)	5 (m) 39 (f)	29 (f)
Hawaii	13 (DI)	15 (DI)	13 (DI)	15 (DI)		
GulfCst/FL	1805 (m) 205 (f) 5 (DI)	853 (m) 134 (f) 4 (DI)	5 (DI)	4 (DI)	1805 (m) 205 (f)	853 (m) 134 (f)
FLA/GA	2838 (m) 112 (f) 6 (DI)	1345 (m) 75 (f) 6 (DI)	6 (DI)	6 (DI)	2838 (m) 112 (f)	1345 m 75 (f)

SoCarolina	38 (DI)	390 (m) 23 (f) 54 (DI)	38 (DI)	54 (DI)		390 (m) 23 (f)
NoCar/Virginia	2390 (m) 107 (f) 155 (DI)	1010 (m) 58 (f) 131 (DI)	155 (DI)	131 (DI)	2390 (m) 107 (f)	1010 m 58 (f)
Northeast	5677 (m) 259 (f) 1 DI	3049 (m) 175 (f) 2 (DI)	1 (DI)	2 (DI)	5677 (m) 259 (f)	3049 m 175 (f)
GrtLks/TENN	935 (m) 48 (f) 3 (DI)	354 (m) 24 (f) 6 (DI)	3 (DI)	6 (DI)	935 (m) 48 (f)	354 (m) 24 (f)
OUTUS(-HI)	30 (DI)	21 (DI)	30 (DI)	21 (DI)		
Other CONUS	5351 (m) 814 (f)	2340 (m) 537 (f)			5351 (m) 814 (f)	2340 m 537 (f)
Totals	19006 m 1701 (f) 320 (DI)	9341 m* 1130 f* 300 DI	320 (DI)	300 (DI)	19006 m 1701 f	9341 m* 1130 f*

* Note: These are year to date totals. Year end totals are expected to be 18,380 for male recruits and 1,682 for female recruits.

Location (cont.)

4. For training which has direct student input from fleet units or provides graduates to serve in fleet units (or both) provide the following information.

Type of Training	% Incoming Students < 50 miles from Trng Facility	% Graduates with Permanent Duty Station < 50 miles from Trng Facility	% Students whose Total Training Pipeline is < 20 weeks	% Graduates with follow-on trng < 50 miles from Training Facility
Functional (E)	15%	100%	100%	-0-
Functional (O)	100%	100%	100%	-0-

5. Is your installation located within 50 miles of a operational base? If yes, list the operational bases in your area.

Yes, MCAS Beaufort is located approximately 8 miles from the Depot.

6. Is your installation located within 50 miles of a major educational institution?

No. However, the University of South Carolina maintains a satellite campus in Beaufort.

7. Does your location facilitate sea/shore rotation of instructors? (i.e., do instructors have the opportunity for multiple tours within 50 miles of your geographic location?)

Yes, Drill Instructors can transfer to units aboard MCAS, Beaufort.

8. Does the location of the installation permit any specialized training with other operational units (e.g. Battle Groups or Joint forces)? If so, provide details.

Yes, our proximity to the ocean provides elements of the II Marine Expeditionary Force the opportunity to conduct raids/helo insertions from the sea.

Location (cont.)

9. What civilian owned facilities located in the vicinity **currently** support your mission? None.

Facility Name	Training Use	Distance
none		

10. What civilian owned facilities located in the vicinity **could** support your mission? None.

Facility Name	Potential Training Use	Distance
none		

11. List the advantages and disadvantages of your location for each type of training being conducted at your installation.

Recruit Training:

Advantages:

1. No civilian community encroachment. The Depot is an island which provides isolation.
2. Moderate weather - no lost training days.
3. Self-contained. There is no requirement for recruits to leave the Depot to train.
4. Weapons Training Battalion/Rifle Ranges located aboard the Depot.
5. Depot surge capability - Based on the DoD standard of 72 sq ft per recruit, our capacity is 7,344. During periods of mobilization, the square footage per recruit could be reduced to 60, thereby increasing our capacity to 8,778. Currently, our peak AOB is a maximum of 5,430.

Disadvantages: None.

Drill Instructor Training:

Advantages:

1. Collocated with recruit training.
2. Self-contained. There is no requirement to leave the Depot for training purposes.

Disadvantages: None.

Features and Capabilities

A. Weather

1. List training events by Course Identifier that can be impacted by weather. Indicate how many training hours were cancelled or rescheduled due to inclement weather.

Course Identifier	Hours Canx/ Resched Due to Weather	
	FY1992	FY1993
Male recruit training	40	40
Female recruit training	40	40
Drill Instructor School	4	4

Note 1: Cancelled/rescheduled hours are due primarily to wind, fog, and lightning on the rifle ranges. Numbers are averages based on information provided by recruit trainers and operations personnel. These cancelled/rescheduled training hours are considered insignificant.

2. How many training days was the training center/school closed due to inclement weather?

Fiscal Year	Training Days Lost
1992	-0-
1993	-0-

3. Do the normal weather conditions at the most frequently used training areas pose a recurring problem for scheduling training? If so, list the alternate training areas and the CIN/CAX they support.

No.

Features and Capabilities

B. Encroachment

1. Do current estimates of population growth and development or environmental constraints pose problems for existing or planned mission?

No.

2. Provide a copy of the current and proposed land development plans for the area surrounding the installation
(i.e., the local government's comprehensive land-use plan).

N/A: Parris Island is surrounded by water/marshlands.

Features and Capabilities

C. Unique Features

1. Does the geographic location and the associated natural features of this installation contribute to the quality of training or detract from the quality of training at the installation? Explain.

Contributes: The Depot's island environment severely limits encroachment by the local civilian community. Its southeastern location provides weather suitable for year-round training. The island's isolation from the local civilian community and its singular purpose contribute to a safe and secure environment for both recruits and permanent personnel to work and live. Recruit training operations are self-contained, with no recruit required to leave the Depot during the training cycle.

2. What other factors beyond your control have affected training over the past five years? Describe the resulting impact.

None.

3. Identify any unique (one of a kind) features (function, equipment, ranges, etc.) possessed by this training installation that have not been previously mentioned. Please list each feature separately and provide a narrative explanation of the importance of the unique feature.

Parris Island is unique to the Marine Corps in that it provides an entirely self-contained recruit training center. It contains all of the courses, field training areas, rifle ranges, PT fields and infrastrucure necessary to train both male and female recruits simultaneously.

Features and Capabilities

D. Quality of Life

1. Military Housing

(a) Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) no

(2) For military family housing in your locale provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	6	6		
Officer	3	55	55		
Officer	1 or 2	-0-			
Enlisted	4+	-0-			
Enlisted	3	91	91		
Enlisted	1 or 2	79	31	48	-0-
Mobile Homes		-0-			
Mobile Home lots		125			

Note: The data provided in the table above is for housing units located aboard the Depot. In addition to these units, Depot personnel occupy 355 units in the Laurel Bay housing area. The Laurel Bay Housing area is owned by MCAS Beaufort and located approximately 10 miles from the Depot. The 355 units are alloted as follows: 55 company grade, 160 SNCO, 140 NCO.

(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.

Features and Capabilities

D. Quality of Life (cont.)

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

Pay Grade	Number of Bedrooms	Number on List[1]	Average Wait
O-6/7/8/9	1		
	2		
	3		
	4+		
O-4/5	1		
	2		
	3	2	3 months
	4+		
O-1/2/3/CWO	1		
	2	12	10 months
	3	-0-	3 months
	4+	2	5 months
E7-E9	1		
	2	11	15 months
	3	3	6 months
	4+	-0-	
E1-E6	1		
	2	200	18 months
	3	40	10 months
	4+	8	8 months

[1]As of 31 March 1994.

Features and Capabilities

D. Quality of Life (cont.)

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

	Top Five Factors Driving the Demand for Base Housing
1	DOD schools for grades k thru 6
2	Security/safety
3	Convenience to work
4	Cost of adequate housing and utilities
5	Amenities and camaraderie aboard the installation

(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)?

79% of all housing has all amenities required. Substandard units (21% of all housing) do not have dishwashers.

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

Type of Quarters	Utilization Rate
Adequate	99%
Substandard	98.8%
Inadequate	N/A

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

Features and Capabilities

D. Quality of Life (cont.)

(b) BEQ:

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

Type of Quarters	Utilization Rate
Adequate	84%
Substandard	N/A
Inadequate	N/A

(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 significant change since 1993. No definite reason for occupancy less than 95%, other than the propensity for junior Marines to be married.

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

144

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

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	49	36	
Spouse Employment (non-military)	34	25	
Other	52	39	trend: marital problems/pending divorce
TOTAL	135	100	

Features and Capabilities

D. Quality of Life (cont.)

(5) How many geographic bachelors do not live on base? 27

(c) BOQ:

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

Type of Quarters	Utilization Rate
Adequate	100%
Substandard	
Inadequate	20%

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason? No.

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

9

AOB = (# Geographic Bachelors x average number of days in barracks)
365

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	3	36	
Spouse Employment (non-military)	2	25	
Other	4	39	
TOTAL	9	100	

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

Features and Capabilities

D. Quality of Life (cont.)

2. For on-base MWR facilities[2] available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION _____ **DISTANCE** _____

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	12	N/A
	Outdoor Bays	-0-	
Arts/Crafts	SF	4,519	N/A
Wood Hobby	SF	4,519	N/A
Bowling	Lanes	20	N/A
Enlisted Club	SF	9,210	N
Officer's Club	SF	21,280	N
Library	SF	6,681	N/A
Library	Books	33,000	N/A
Theater	Seats	Note 1	N/A
ITT	EA	1	N/A
Museum/Memorial	SF	22,220	N/A
Pool (indoor)	Lanes	Note 2	
Pool (outdoor)	Lanes	4 ea. Note 3.	N/A
Beach	LF	-0-	
Swimming Ponds	Each	-0-	
Tennis CT	Each	10	N/A

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

Features and Capabilities

D. Quality of Life (cont.)

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	1	N/A
Basketball CT (outdoor)	Each	6	N/A
Racquetball CT	Each	5	N/A
Golf Course	Holes	18	N
Driving Range	Tee Boxes	20	N
Gymnasium	SF	45,450	N/A
Fitness Center	EA	1	N/A
Marina	Berths	30	N
Stables	Stalls	-0-	
Softball Fld	Each	12	N/A
Football Fld	Each	2	N/A
Soccer Fld	Each	2	N/A
Youth Center	SF	6,350	N/A
Community Center	SF	2,511	N/A

N/A: Facilities identified as N/A under profitable are classified as non revenue generating facilities.

Note 1: The Depot has a 995 seat auditorium. Movies are shown on weekends on a not to interfere with training basis. This activity is classified as non revenue generating.

Note 2: The Depot's indoor pool is primarily a training facility. Open swimming is allowed as the training schedule allows. This is a non profit generating facility.

Note 3: The Depot has four outdoor pools. These are recreation pools and are not configured for lanes. These are non profit generating facilities.

Features and Capabilities

D. Quality of Life (cont.)

3. Is your library part of a regional interlibrary loan program?
Yes.

4. Base Family Support Facilities and Programs

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

Age Category	Capacity (Children)	SF			# of PN on Wait List	Avg Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	0	0	0	0	9	90
6-12 Mos	8	0	0	841	15	90
12-24 Mos	10	0	0	841	21	60
24-36 Mos	14	0	0	841	36	90
3-5 Yrs	53	0	0	2681	42	30

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

Facility type/code: Child Care Center
What makes it inadequate? Design criteria and space utilization.
What use is being made of the facility? Child Care Center.
What is the cost to upgrade the facility to substandard?

N/A: Given that the cause of inadequate classification is essentially size, this building must be replaced to become anything other than inadequate. See reference to MILCON project P-310 in following comments.

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

Current improvement plans and programmed funding:
MILCON, P310, New Child Care Center in FY95 to replace existing facility.

Features and Capabilities

D. Quality of Life (cont.)

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

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

Family home care centers, MWR summer programs, numerous day care centers in the Beaufort area.

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

One certified provider and five in various stages of the certification process.

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

Yes, MCAS Beaufort Child Development Center. Capacity: 130 full day, 80 preschool, 24 kindergarten age and 17 before/after school. Total: approximately 250 children.

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

Features and Capabilities

D. Quality of Life (cont.)

Service	Unit of Measure	Qty
Exchange	SF	93,780
Gas Station	SF	600
Auto Repair (hobby shop)	SF	7,659
Auto Parts Store	SF	-0-
Commissary	SF	36,458
Mini-Mart	SF	6,940
Package Store	SF	8,250
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	2
Family Service Center	SF	6,385
Laundromat	SF	-0-
Dry Cleaners	Each	1
ARC	SF	400
Chapel	PN	1,940
FSC Classrm/Auditorium	PN	995

5. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Savannah, GA	45
Charleston, SC	72
Columbia, SC	150

Features and Capabilities

D. Quality of Life (cont.)

6. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	86.48	48.39
E2	86.48	54.39
E3	82.62	60.87
E4	81.99	57.22
E5	85.43	59.65
E6	81.43	55.43
E7	79.90	55.50
E8	69.05	52.20
E9	71.97	54.63
W1	102.55	77.88
W2	50.15	39.34
W3	80.78	65.67
W4	56.88	50.43
O1E	84.52	62.70
O2E	62.80	50.07
O3E	60.64	51.30
O1	78.83	58.09
O2	67.85	53.03
O3	47.30	39.82
O4	37.75	32.83
O5	35.19	29.10
O6	5.93	4.91
O7	0.00	0.00

Features and Capabilities

D. Quality of Life (cont.)

7. Off-base housing rental and purchase

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

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	295	175	50
Apartment (1-2 Bedroom)	530	250	100
Apartment (3+ Bedroom)	585	475	120
Single Family Home (3 Bedroom)	1,000	400	180
Single Family Home (4+ Bedroom)	1,200	450	225
Town House (2 Bedroom)	550	475	140
Town House (3+ Bedroom)	635	475	140
Condominium (2 Bedroom)	800	450	160
Condominium (3+ Bedroom)	850	540	165

Features and Capabilities

D. Quality of Life (cont.)

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

Type Rental	Percent Occupancy Rate
Efficiency	98
Apartment (1-2 Bedroom)	97
Apartment (3+ Bedroom)	97
Single Family Home (3 Bedroom)	94
Single Family Home (4+ Bedroom)	99
Town House (2 Bedroom)	99
Town House (3+ Bedroom)	99
Condominium (2 Bedroom)	98
Condominium (3+ Bedroom)	98

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	75,000
Single Family Home (4+ Bedroom)	100,000
Town House (2 Bedroom)	56,000
Town House (3+ Bedroom)	60,000
Condominium (2 Bedroom)	85,000
Condominium (3+ Bedroom)	89,900

Features and Capabilities

D. Quality of Life (cont.)

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

Month	Number of Bedrooms		
	2	3	4+
January	32	63	3
February	34	51	3
March	30	44	4
April	36	57	3
May	38	59	3
June	30	60	5
July	17	61	5
August	31	76	3
September	34	73	5
October	26	60	5
November	26	55	4
December	24	51	7

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

Retirement/resort area located on Atlantic Ocean/Intercoastal Waterway remote from large metropolitan city.

Features and Capabilities

D. Quality of Life (cont.)

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

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
N/A		

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

Location	% Employees	Distance (mi)	Time(min)
Beaufort County	96	avg 8	15
Hampton County	1	25	35
Jasper County	1	20	30
Colleton County	1	40	55
Chatham County, GA	.4	45	60

Features and Capabilities

D. Quality of Life (cont.)

10. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the installation and their dependents:

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

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ ACT Score	% HS Grad to Higher Educ	Source of Info
Beaufort County School Dist.	public	K-12	yes	n/a	verbal 392 Math 440	57%	Beaufort School Dist.
Beaufort Academy	private	K-12	limited	$1,632	962	88.3	Beaufort Academy
	Parochial	K-5	no	1,800	N/A	N/A	school

Features and Capabilities

D. Quality of Life (cont.)

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Technical College of the Low Country	Day	no	yes	no	yes	yes
	Night	no	yes	no	no	yes
University of South Carolina	Day	no	no	no	yes	yes
	Night	no	no	no	yes	yes
Websters University	Day	no	no	no	no	no
	Night	no	no	no	yes	yes
Beaufort County Adult Ed.	Day	yes	yes	yes	no	yes
	Night	yes	yes	yes	no	yes

Features and Capabilities

D. Quality of Life (cont.)

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Technical College of the Low Country	Day	no	yes	yes	no	no
	Night	no	yes	no	yes	no
	Corres-pondence	no	no	no	no	no
University South Carolina, Beaufort	Day	No	no	no	no	no
	Night	no	no	no	yes	no
	Corres-pondence	no	no	no	no	no
Webster University	Day	no	no	no	no	no
	Night	no	no	no	no	yes
	Corres-pondence	no	no	no	no	no
	Day					
	Night					
	Corres-pondence					

Features and Capabilities

D. Quality of Life (cont.)

11. Spousal Employment Opportunities

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	11	9	6	Note 1
Manufacturing	3	4	0	Note 1
Clerical	106	93	86	Note 1
Service	30	49	37	Note 1
Other	8	0	1	Note 1

Note 1: Local community unemployment rate information is not available in the requested skill levels. The average unemployment rate for Beaufort County is as follows:

1991; 4.4% 1992; 4.6% 1993; 5.5% 1994 (Jan-Mar); 5.6%

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

Medical: Due to its small size (49) beds, Naval Hospital Beaufort is limited in some specialties which may require referral to other regional Military treatment facilities or civilian sources. With this exception there are no other difficulties with access to medical care.

Dental: Complete dental service is available to active duty members at the Naval Dental Center located aboard the Depot.

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

Medical: As stated in question 12, Naval Hospital Beaufort is limited in some specialties which may require referral to other regional MTF's or disengagement to civilian sources. In the Beaufort area, most specialties are available from civilian sources, but, due to the small physician population, the majority of the physicians do not accept CHAMPUS on an outpatient basis.

Features and Capabilities

D. Quality of Life (cont.)

Because of the larger physician populations in the Savannah and Charleston areas, access to various specialties are more readily available and competition among physicians is greater resulting in increased CHAMPUS acceptance.

Dental: Limited service is available to family members from the military source, dependent on space availability and active duty priorities. There is a sufficient source of dental care from the civilian community under the Delta Dental Plan.

14. Complete the table below to indicate the crime rate for your installation for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

Features and Capabilities

D. Quality of Life (cont.)

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	1
Base Personnel - military	0	0	1
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	2	3
Base Personnel - military	0	2	3
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Features and Capabilities

D. Quality of Life (cont.)

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)	15	13	5
Base Personnel - military	1	3	3
Base Personnel - civilian	0	1	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)	15	26	25
Base Personnel - military	3	12	8
Base Personnel - civilian	0	3	1
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Features and Capabilities

D. Quality of Life (cont.)

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	42	56	65
Base Personnel - military	5	11	4
Base Personnel - civilian	0	3	1
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
10. Wrongful Destruction (6U)	18	29	52
Base Personnel - military	1	3	2
Base Personnel - civilian	0	1	1
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
11. Larceny - Vehicle (6V)	0	2	4
Base Personnel - military	0	0	3
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	1	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

Features and Capabilities

D. Quality of Life (cont.)

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)	18	20	19
Base Personnel - military	18	17	16
Base Personnel - civilian	0	3	4
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
15. Death (7H)	0	2	1
Base Personnel - military	0	1	0
Base Personnel - civilian	0	1	1
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

Features and Capabilities

D. Quality of Life (cont.)

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	0	0	1
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	5
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	1
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)	120	127	128
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

Features and Capabilities

D. Quality of Life (cont.)

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	1	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

Note: Statistics reflect on-base incidents only. Local law enforcement agencies do not classify incidents as military or "on-base" personnel related.

Features and Capabilities

E. Ability for Expansion

1. Does the operational infrastructure (e.g., classrooms, administrative facilities, fuel and munitions storage, warehouse space, hangar space) provide capabilities for future expansion or change in mission? If yes, explain why.

2. What is the availability of off-station acreage for possible future installation development?

Given that the Depot is an island, there is no land available which is connected to the Depot. Future development would have to be a remote site or utlizing existing facilities at another DoD installation such as MCAS Beaufort.

3. Provide the following information for installation infrastructure related facilities and functions. If these or other base infrastructure attributes may be a determining factor for base loading and expansion, provide additional comments and capacity measures as appropriate.

Type of Facility or Capability	On Base Capacity	Off Base Long Term Contract	Normal Steady State Load	Peak Demand
Electricity (KWH)	3,000 KWH	NO LIMIT	7,000	10,900 KWH
Water (GPD)	0	NO LIMIT	1041680	2,088,000
Sewage (GPD)	3,000,000	0	800,000	1,583,000
Natural Gas (CFH)	0	NO LIMIT	77476 CFH	92219 CFH
Short Term Parking	3,830	0	UNKNOW N NOTE 1	RECRUIT GRADUATIONS
Long Term Parking	0	0	0	0

Note 1. Unknown, but parking is not a limiting factor.

Features and Capabilities

E. Ability for Expansion (cont.)

4. 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 reasonable expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, off base housing, etc. Unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities that prevent it from being further developed without demolition of existing infrastructure. Include in"Restricted" areas that are restricted for future development due to environmental constraints (e.g. wet lands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources. Identify the reason for the restriction when providing the acreage in the table below. Specify any other entry in "Other" (e.g. submerged lands).

Site Location: MCRD PARRIS ISLAND

Land Use	Total Acres	Developed	Available for Development	
			Restricted	Unrestricted
Operational				
Training	955	955	0	0
Maintenance				
Research & Development	0	0	0	0
Supply and Storage				
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program	0	0	0	0
Hunting/fishing Programs				
Other				
TOTAL	8088	1645	4915	297

Features and Capabilities

E. Ability for Expansion (cont.)

5. Identify the features of this installation that make it a strong candidate for supporting other types of training or operational units in the future.

The Depot contains numerous courses and training areas that can be applied to the operational training FMF Marines of company size units and smaller. Examples are the Combat Assault Course, Day Movement Courses, grenade range, helo pad, compass courses, and a combat town. Both wing and ground units within II MEF have taken advantage of the training facilities on-board Parris Island.

6. For each educational institution, formal school, or CAX, what are the limiting factors in your surge capability? How many students can you surge above your 1993 AOB? Explain any assumptions on which these limitations are based.

Male Recruit Training:

Surge capability:

The 1993 AOB for male recruit training was 3998. Squadbay capacity, based on the DOD standard of 72 Sqft per recruit is 6,648. Additionally, if all known distance ranges are utilized it is conceivable that our present capability could be doubled.

Limiting factors:
NONE

Assumptions:

That additional permanent personnel will be available.
That additional individual equipment items will be available.
That the program of instruction will remain constant.

Female Recruit Training:

Surge capability: The 1993 AOB was 392. Squadbay capacity within the female complex is 612, based on DOD standard. Essentially, we have the ability to surge to an AOB of 612.

Drill Instructor Training:

The 1993 AOB was 75.4. Billeting space and classroom area will accommodate a maximum on

hand training strength of 210. Hence our ability to surge is twofold. Additionally, the program of instruction can be shortened to allow an additional course per year.

Features and Capabilities

E. Ability for Expansion

1. Does the operational infrastructure (e.g., classrooms, administrative facilities, fuel and munitions storage, warehouse space, hanger space) provide capabilities for future expansion or change in mission? If yes, explain why.

The Depot does have the operational infrastructure to expand recruit training. Drill Instructor School graduated an average of 75.4 students per class in 1993. Billeting space and classroom area can accommodate a maximum on hand training strength of 210 students. Male recruit training battalions trained an AOB of 3998 in 1993. Squadbay capacity, based on the DOD standard of 72 sq ft per recruit, is 6,648 male recruits. Academic classrooms and training areas can be scheduled to accommodate this expansion simultaneously with an expansion in male training.

The Depot can accommodate a change in mission within two areas. First, operational infrastructure aboard the Depot can support most missions of an academic or administrative nature. Second, current training areas and courses allow support of FMF small unit field training.

Features and Capabilities

E. Ability for Expansion (cont.)

4. 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 reasonable expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, off base housing, etc. Unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities that prevent it from being further developed without demolition of existing infrastructure. Include in"Restricted" areas that are restricted for future development due to environmental constraints (e.g. wet lands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources. Identify the reason for the restriction when providing the acreage in the table below. Specify any other entry in "Other" (e.g. submerged lands).

Site Location: MCRD PARRIS ISLAND

Land Use	Total Acres	Developed	Available for Development	
			Restricted	Unrestricted
Operational	2.5	2.5	0 (NOTE 5.)	0 (NOTE 5.)
Training	955	955	0 (NOTE 5.)	0 (NOTE 5.)
Maintenance	10	10	0 (NOTE 5.)	0 (NOTE 5.)
Research & Development	N/A	N/A	N/A	N/A
Supply and Storage	5.5	5.5	O (NOTE 5.)	0 (NOTE 5.)
Admin	14.5	14.8	0 (NOTE 5.)	O (NOTE 5.)
Housing	103.5	103.5	0 (NOTE 5.)	0 (NOTE 5.)
Recreational	1397	148	659/293 (NOTE 3.)	297
Navy Forestry Program	0 (NOTE 2.0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0 (NOTE 3.)
Hunting/fishing Programs	0	0	0	0 (NOTE 5.)
Other	4222 (NOTE 4.)	405.7 (NOTE 1.)	3816 (NOTE 6.)	0 (NOTE 5.)
TOTAL	6710	1645	4768	297

Features and Capabilities

E. Ability for Expansion (cont.)

4. Note 1. - includes community facilities, medical facilities and ordnance storage

Note 2. - 1400 acres of DoD managed timber are included in the "total acres"

Note 3. - 650 acres are operationally constrained (e.g. ESQD, HERF, HERP, and HERO); 293 acres are environmental constrained

Note 4. - includes 3816 acres of wetlands

Note 5. - total available acres could be used within any category

Note 6. - wetlands

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

J. W. KLIMP
NAME (Please type of print)

Commanding General
Title

MCRD/ERR Parris Island

Data Call # 23

Signature

3 Jun 94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type 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 or print

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

Signature

Date 7/21/94

Data Call #23
NCRD/ERR Parris Island

BRAC-95 CERTIFICATION

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

DATA CALL: 23

ACTIVITY: MCRD/ERR PARRIS ISLAND

PAGE (S): 91a, 92, 92a

BSWG REVIEW OFFICIAL

G. W. MOORE
NAME (Please type or print)

G W Moore
Signature

Major, Long Range Land Use Planner
Title

25 Oct 94
Date

DATA CALL 23 PAGE CHANGES, MCRD/ERR PARRIS ISLAND

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 10/26/94

Document Separator

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

Maps w/ Original
Data Call

20 APRIL 1994

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

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ENVIRONMENTAL DATA CALL

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

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

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

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

Provide a list of the tenant activities with UICs that are covered in this response. M00263: MCRD Paris Island, SC. There is not any other UICs listed for this response.

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

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

SPECIES (plant or animal)	**Designation (Threatened/ Endangered)**	**Federal/ State**	**Critical / Designated Habitat (Acres)**	**Important Habitat (acres)**
example: Haliaeetus leucocephalus - bald eagle	*threatened*	*Federal*	*25*	*0*
Haliaeetus leucocephalus- bald eagle	endangered	Federal	0	40 est.
Pelecanus occidentalis carolinensis-Eastern Brown Pelican	threatened	state	0	various areas
Mycteria Americana-Wood Stork	endangered	both	0	approx 429 acres
Alligator Mississippiensis- American Alligator	threatened	both	0	marshy areas
Atlantic Legidochely's Kempii- Kemp's ridley Turtle	endangered	both	0	coast. areas
Chelonia mydas- Green Sea Turtle	endangered	federal	0	coast. areas
Ajaia ajaja-Roseate Spoonbill	rare	state	0	marshy areas
Acipinser brevirostrum-Shortnose Sturgeon-endangered	endangered	both	0	"
Muhlenbergia filipes-common basket grass	rare	state	0	"
Canna flaccida-wild canna lily	rare	state	0	"

Source Citation:Master Plan dtd September 1992; Biodiversity and Endangered Species Study of MCRD dtd October 1992

1b.

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

1c. If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map. **SEE ATTACHED MAPS OF THOSE AREAS IDENTIFIED IN THE BIODIVERSITY STUDY.**

1d.

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

1e.

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

2. WETLANDS

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

2a.

Does your base possess federal jurisdictional wetlands?	**YES**
Has a wetlands survey in accordance with established standards been conducted for your base?	**YES**
When was the survey conducted or when will it be conducted?_**10/11/92.**_	**DONE**
What percent of the base has been surveyed?	**100%**
What is the total acreage of jurisdictional wetlands present on your base?	**1126 ACRES**

Source Citation: See Data Call #3A dtd Nov. 30, 1992; and the Wetland Mapping for the MCRD Parris Island, SC Report dtd 10/11/92 by Wetland & Environmental Consulting, Inc..

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

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? **YES**. If YES, summarize the results of such modifications or constraints.
When identifying stormwater runoff from various projects; i.e., reopening the natural drainage ditches throughout the Depot, we had to consult with the SC Coastal Council on possible impact to near by wetlands/marshes.

3. CULTURAL RESOURCES

3a.

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

LISTS OF HISTORICAL SITES:

As identified in the Historic Preservation Plan on Figure 8 dated Sept. 3, 1993, the following areas are listed as either on the National Register of Historic Places (NRHP) or have been proposed for listing:

*** Charles Forte (38Bu51/1103)/Ribaut Monument, San Marcos, San Felipe**
*** Parris Island Dry Dock and Commanding General's House: Quarters 1, and the Gazebo/(Historic District)**

Recommended for Nomination to the NRHP:
*** Elliots Beach (38BU115/248)**
*** Gunnery Range Site (38BU249)**
*** Santa Elena (38BU162)**
*** Page Field Causeway (38BU924)**

Note: Reference MCRD Parris Island, SC Historic Preservation Plan dated 1993.

3b.
YES/NO

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	**YES**

The SHPO has required us to constrain development plans in the area of Charles Forte/Santa Elena Sites which are located near the MWR Golf course and are on or proposed for NRHP. Any additional Golf course improvements or developments will require coordination with the NREAO/Museum Curator/PWO and the SHPO. (i.e., additional concrete cart paths)

3c.

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	**YES**

Yes, Parris Island has located burial sites at the Ribaut Monument near Charles Forte, San Marcos/San Felipe, and Santa Elena areas as well as during the Antebellum Period (Plantation Slaves etc.) for early Spanish/Indian, French, and American/Slave Settlers of Parris Island, South Carolina. The other area of concern is over at the Weapons Battalion near Khesahn Range where an Antebellum (i.e., Black-freed slaves)/Pre-Marine Corps Grave Site which was used up until early 20th Century.

4. ENVIRONMENTAL FACILITIES

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

4a.

Does your base have an operating landfill?					YES
ID/Location of Landfill	**Permitted Capacity (CYD)**		**Maximum Capacity (CYD)**	**Contents[1]**	**Permit Status**
	TOTAL	**Remaining**			
Horse Island C&D Landfill, MCRD, Parris Island, South Carolina	four zones of 33 cells total acres= 5.5 in which the ave. of 7.2 tons per wk are disposed resulting in a wkly vol. of 27 CY.	Cells 1-6 are currently opened. Approx. 4,914 CY used. Since Sept 90 the landfill has been operational Therefore remaining years are 21-24 years and approx. 34,757 CY.	the land-fill is designed for a min. of 25-28 years of life with a disposal capacity of 39,671 CY.	limbs, tree trimmings, stumps, grass clippings and other yard waste and landclearing debris generated by base-wide groundskeeping operations.	facility will require a permit renewal August 19, 1994

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

NOTE: REFERENCED SITE PERMIT INERT LANDFILL FACILITY, MCRD/ERR PARRIS ISLAND, SC REPORT BY DAVIS & FLOYD, INC/CONSULTING ENGINEERS, GREENWOOD, SC 29646 DTD FEB. 15, 1991- PROJECT NUMBER PW 30-90/ FILE NO. 5453.04.

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

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements. **NOT APPLICABLE.**

4c.

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

List any permit violations and projects to correct deficiencies or improve the facility. **NOT APPLICABLE.**

However, Parris Island has an active non-regulated/permitted recycling facility for cardboard, paper, aluminum cans, and waste oil, etc.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					YES
ID/Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/Year Built**
SC 0002577 WWTP MCRD Parris Island, SC	3.0 MGD	.8 MGD	3.0 MGD	expires Oct. 31, 1996	Secondary Treatment 1947

List permit violations and discuss any projects to correct deficiencies.

Permit: No violations to date.
Deficiencies Projects: NONE.

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

4f.

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

List any permit violations and projects to correct deficiencies or improve the facility. **NOT APPLICABLE.**

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system.
Under the Domestic WWTP permit SC0002577 Parris Island has a Thermo Discharge SS003, 1.7 ml read/record only requirement, Once-Through Non-contacting Cooling Water for Oil and Gas Power Plant.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					YES
ID/Location of WTP	**Operating (GPD)**		**Method of Treatment**	**Maximum Capacity**	**Permit Status**
	Permitted Capacity	**Daily Rate**			
0710501-Parris Island MCRD	N/A purchaser of Drinking water	1 MGD	Chlorinate approx. 42,000 gallons/day	1.5 MGD	expired 1 July 93 operating under a payment of fee status

List permit violations and projects/actions to correct deficiencies or improve the facility. **NONE.**

4i. If you do not operate a WTP, what is the source of the base potable water supply. State terms and limits on capacity in the agreement/contract, if applicable. **The MCRD Parris Island, South Carolina purchases the potable water from Beaufort/Jasper Water Authority. We have a .5 MGD Overhead Storage Tank and the ability to booster chlorinate on emergency bases from 3 booster chlorination tanks with each having .5 MGD (1.5 MGD reservoir). The total storage capacity is 2.0 MGD.**

4j.

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

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions. **We just have the NPDES permit for our Domestic WWTP mentioned above.**	**NO**
If NO, why not and provide explanation of plan to achieve permitted status. **The state of SC does not require permits for stormwater runoff management, other than those areas identified as PI outfalls through our NPDES permit.**	**NOT APPLICABLE**

4l.

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

Explain:
NOT APPLICABLE.

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	**YES**

40 CFR 258: Solid Waste to Landfills; this mainly concerns the sludge disposal to landfills which we currently are doing. Once these regulations are finalized FY95-96, Parris Island will no longer be able to dispose of its domestic sludge to landfill (Hickory Hill), and we will have to either find a composting facility to manage our sludge at a varying cost per year to PI, or construct a composting facility (windrow or in-vessel) to manage the sludge/yard waste ourselves and reuse it throughout the base. Note: The C&D Landfill at Horse Island has a limited remaining capacity/years of use for yard waste and construction debris. PI's solution to both future concerns is composting. To date, PI is exploring several options concerning composting.

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

We are currently not operating at full capacity at the WWTP; therefore additional loads or expansion of PI's capacity can be handled with minor upgrades/new construction. PI has programmed the WWTP for full upgrade/new construction incorporating state of the art technology per project: MCRD WWTP Feasibility Study dtd April 1994. Additionally, the 1947 WWTP was placed in the MILCON process for a new WWTP construction project. These two projects identify possible increases to the WWTP capacity, due to military personnel transferred to PI from closed bases and increase in recruitment. PI manages the potable water lines on the Depot. These lines currently operate sufficiently.

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

The capacity limitation discussed in section 4m pose a future limitation on base operations. This section pertains to landfills and domestic sludge management. See above statements and tables.

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? **Beaufort County, Beaufort, South Carolina.**
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? **NO** . List site, location and name of AQCA.

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

Site: MCRD Parris Island, South Carolina
AQCA: Beaufort County, Beaufort, South Carolina

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]
CO	X				
Ozone	X				
PM-10	X				
SO_2	X				
NO_2	X				
Pb	X				

[1] Based on national standard for Non-Attainment areas or SIP for Maintenance areas.
[2] Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

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

NOTE: PARRIS ISLAND IS CURRENTLY OPERATING UNDER AN EXPIRED PERMIT WITH AUTHORITY FROM THE SCDHEC TO DO SO. SCDHEC IS PERFORMING PARRIS ISLAND'S AIR DISPERSION MODELING WHICH WILL BE INCORPORATED INTO THE NEW ISSUED PERMIT AND CONTAIN ALL PRIOR PERMITTED AND PROPOSED STATIONARY SOURCES. THE TABLE BELOW UNDER THE PERMITTED STATIONARY COLUMN CONTAINS THE TOTAL POLLUTANT EMISSION SOURCES FOR BOTH PRIOR PERMITTED/PROPOSED SOURCES USING THE AIR INVENTORY FOR FY92 REPORTED IN FY93 AS THE BASELINE REPORTING YEAR. SEE ATTACH SHEETS FOR CALCULATIONS AND LIST OF SOURCES.

	Emission Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	12.53 TPY	N/A in SC	N/A at MCRD	N/A in SC or MCRD	12.53 TPY
NOx	53.61 TPY	same as above	same as above	same as above	53.61 TPY
VOC	43.18 TPY	same as above	same as above	same as above	43.18 TPY
PM10	2.75 TPY	same as above	same as above	same as above	2.75 TPY
SOx	38.77 TPY	same as above	same as above	same as above	38.77 TPY
HAP	10.29 TPY	same as above	same as above	same as above	10.29 TPY

Source Document: Air Emission Inventory Report dated May 19, 1993-baseline FY92 for air emission sources prepared by NREAO office.

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

NOTE: SEE ATTACHED SHEET FOR CALCULATIONS AND LIST OF SOURCES.

	Emissions Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	14.176 TPY	N/A for SC/MCRD	N/A for MCRD	N/A for SC/MCRD	14.176 TPY
NOx	58.102 TPY	N/A for SC/MCRD	N/A for MCRD	N/A for SC/MCRD	58.102 TPY
VOC	21.586 TPY	N/A for SC/MCRD	N/A for MCRD	N/A for SC/MCRD	21.586 TPY
PM10	3.299 TPY	N/A for SC/MCRD	N/A for MCRD	N/A for SC/MCRD	3.299 TPY
SOx	1.287 TPY	same as above	same as above	same as above	1.287 TPY
HAP	11.312 TPY	same as above	same as above	same as above	11.312 TPY

Source Document: Air Emission Inventory Report for MCRD Parris Island, dated March 29, 1994 prepared by MCRD NREAO office.

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

There will be a decrease in the air emissions for HAPs mainly due to new construction- Dry Cleaning Facility/Multi-Complex Facility with state of the art machinery to decrease/recover HAP/perchloroethane which is the pollutant emitted and currently makes PI a major source by regulatory standards (i.e., major source is identified as a source which emits a single pollutant in the amount of more than 10 TPY for a calendar year. This is one of three definitions for a major source). Our estimate is approximately 6-7 TPY of HAP/perchloroethane emitted in the future years.

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

5g. Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct. **NO**

5h. Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs? **NO**

6. ENVIRONMENTAL COMPLIANCE

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

Program	Survey Com-pleted?	Costs in $K to correct deficiencies					
		FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
Air	no		60K		30K	4K	
Hazardous Waste	yes	120K	263K	200K	200K	200K	200K
Safe Drinking Water Act	yes	7K	7K	7K	7K	7K	7K
PCBs	no	60K	60K		100K	30K	30K
Other (non-PCB) Toxic Substance Control Act	no; partially complet-ed		35K	35K	35K	35K	35K
Lead Based Paint	no	63K	20K	20K	20K	20K	20K
Radon	yes						
Clean Water Act	yes	20K	15K	15K	15K	15K	15K
Solid Waste	yes						
Oil Pollution Act	no	in-house proj.					
USTs	yes	DERA$	1145K		500K	150K	100K
Other-cultural/ ASTs	no yes	200K	300K		175K	150K	100K
Total		470K	1905K	277K	1082K	611K	507K

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

6b.
Does your base have structures containing asbestos?**YES** What % of your base has been surveyed for asbestos?**35%** Are additional surveys planned? **NO** What is the estimated cost to remediate asbestos ($K) **N/A**. Are asbestos survey costs based on encapsulation, removal or a combination of both? **N/A**

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

Funding Source	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
O&MN								
HA								
PA								
Other O&MN (specify)								
Other (specify)					un-known	un-known	un-known	un-known
FA57	585.3K	757.4K	504.07 K	274.1				
H6	3.1K	29.0K	44.7K					
H2	1.0K	10.OK	20.0K					
H4		180.0K	132.0					
C2-DERA		10.0K	10.0K					
Legacy	9.0K	255.0K	50.0					
PMC		15.0K						
MRP		100.0K						
CCCT			56.0K					
TOTAL:	598.4K	1356.4 K	816.77 K	274.1				

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. **Yes, an Extensive Cultural Survey @ MCRD is required to identify those significant cultural areas in order to avoid any adverse impact to the site. The areas of question are located in some of the MCRD Recruit Female Proposed Training Site. Also, we are required to have a Best Management Practices Plan Phase II completed which affects the operations at our Waste Water Treatment Plant and its NPDES permit which is up for renewal 1996.**

7. INSTALLATION RESTORATION

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	**YES**
Is your base an NPL site or proposed NPL site? as of 8/19-23/94	**YES**

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

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

[1] Type site: CERCLA, 'RCRA corrective action (CA), UST or other (explain)
[2] Status = PA, SI, RI, RD, RA, long term monitoring, etc.

MCRD was a Priority 2 base until 8/19/94 when MCRD was selected for the NPL; therefore, MCRD is now a Priority 1 base and can get DERA funds for the 40 CFR 300 regulatory requirements at the following Site locations:

Site 1: Incinerator Landfill-recommended for RI/FS. Unknown as to the characterization of the site. Contaminants thought to have been disposed: domestic solid waste, non-industrial waste, construction debris, and paint waste. IAS/VS/CS completed under CERCLA. RFA completed under RCRA. No real hard data/sampling has been collected to identify groundwater, etc. contamination.

Site 2: Borrow Landfill-recommended for RI/FS. Unknown as the extent of plume. Contaminants-non-industrial solid waste, construction debris, and paint waste. IAS/VS/CS completed under CERCLA. RFA completed under RCRA. No real hard data/sampling has been performed.

Site 3: Causeway Landfill-recommended for No further Action after the Extended Site Investigation at a cost of $300K. Need Record of Decision (ROD) under CERCLA. RFA completed under RCRA.

Site 16: Pesticide Rinsate Disposal Area-recommended for RI/FS. Unknown extent of plume and the characterization of the plume. Contaminants: Several different types of pesticides. IAS/VS/CS completed under CERCLA. RFA completed under RCRA.

All of the above sites require the RFI to be completed by EPA. The MCRD will be required to have a Technical Review Committee chartered and the Community Relations Plan will be required to be developed.

CMC (LFL) and SOUTH DIV are programming the DERA funds in order for MCRD to meet the requirements under federal, state, and local regulations.

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.
NONE

7d.

Is there a groundwater treatment system in place?	**NO**
Is there a groundwater treatment system planned? **WE PLAN TO CLEAN-UP THE PERK/DRYCLEANER SITE WITH VAPOR EXTRACTION METHOD; THEREFORE CLEANING THE CONTAMINATED GW.**	**YES**

State scope and expected length of pump and treat operation.

MAY 94, SM&E WILL PROPOSE GW CLEAN-UP METHOD FOR THE DRYCLEANER'S PERK SITE. MOST LIKELY IT WILL BE VAPOR EXTRACTION; THEREFORE PUMPING UP THE CONTAMINATED GW AND CAPTURING THE CONTAMINATE IN CHARCOL FILTERS FOR RECYCLING.

7e.

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

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

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

YES, WE ARE A SMALL GENERATOR WITH LESS THAN 90 DAYS STORAGE CAPACITY.

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

AT THIS TIME, MWR IS PAYING FOR THE DRYCLEANERS PERK CONFIRMATION STUDY AND REMEDIAL ACTION PLAN. AS WELL AS, THE USTS UPGRADES AT TWO LOCATIONS- GOLF COURSE/ AND BLDG. 404 USTS.

7i.

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

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations? NONE

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions. NONE

8. LAND / AIR / WATER USE

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

Parcel Descriptor	Acres	Location
Main Base	6,710	MCRD Parris Island

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

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		1,645
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 3964 acres/ both jurisdictional/non-jurisdictional
		All Others: 293
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		658.25
Total Undeveloped land considered to be without development constraints		297
Total Off-base lands held for easements/lease for specific purposes		0
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	347
	HERF	48
	HERP	.25
	HERO	263
	AICUZ	N/A
	Airfield Safety Criteria	N/A
	Other	N/A

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. **955 ACRES. THE ACREAGE WAS CALCULATED USING A PLANIMETER WHICH IS CALIBRATED TO A FIXED AREA ON A BASE MAP WITH A SCALE OF FOR EXAMPLE ONE INCH. THE 955 ACRES VARYS +/- 5%.**

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

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

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

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

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost ($M)
MWR MARINA	Ballast Creek	Not dredge since prior to 1987	.1 MCY	Mean 4ft at low tide 0 ft. **Require 4ft at dead low tide to maintain marina.**	$1.5 plus report done in 1987 with this est. Then $800K to dredge every 3 yrs.

Note: THE MARINA IS NEEDED FOR SEARCH/RESCUE BOAT MISSIONS, MWR RECREATION, OHS CONTINGENCY SPILL RESPONSE, AND WEAPONS BATTALION PATROL BOATS.

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

PI IS INVESTIGATING THE COST AND IDENTIFYING THE TYPES OF PERMITS REQUIRED TO DREDGE THE DEPOT MARINA, PERMITS APPLICATIONS WILL BE SUBMITTED TO THE CORPS OF ENGINEERS AND EPA/SCDHEC/SCDF&W/SCCC. FUNDS WILL NEED TO BE AVAILABLE IN FY97 IF PROJECT IS TO PROCEED TO COMPLETION.

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations. **The dredge spoils area, a land disposal area with an earthen containment berm, is situated approx. 60 feet south of structure 302 between Cuba Street and Ballast Creek. The irregular-shaped area covers approx. 11 acres and has been used for disposal of dredge spoils from the Marina Basin and Ballast Creek since 1977. An estimated 200,000 cubic yards of material were removed from the waterways and placed in this disposal area. The disposal area was constructed on top of a former fire fighting training pit (site 4) which was located in the southeastern portion of the containment area near the embankment. No permitted limiting capacity exits, and no future limitations exits.**	**YES**
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations. **See above answer; the same location.**	**YES**
Are the dredged materials considered contaminated? List known contaminants. **Because only river bottom sediments were disposed of in the dredge spoils area, these disposal areas do not pose a threat to human health or the environment and are therefore not recommended for confirmation studies or any other type study.**	**NO**

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

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

8k.

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

8l.

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

MCRD Parris Island, SC protects all species which have PI as their natural habitat, and PI does not allow game hunting.

9. WRAPUP

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

NONE

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

YES, each year the maintenance asbestos abatement supervisors/workers are require to have renewed license/permits. Each asbestos abatement project to required to obtain a license prior to work. Additional the following permits require payment annually/or as specified on the renewal: NPDES permits, Inert Landfill permit, WWTP operator permits, Safe Drinking Water permit, Air permit/Title V permit, pesticide permit/license for application of pesticides/herbicides and for operators, WWTP laboratory permit, lead tester permit, freon recycling license.

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

NONE

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

Other than the future regulations specified in 4m, PI will not have to constrain base operations or development plans in any way. PI will also have to abided to 3b statement concerning Historic/Cultural Places and Findings under the National Historic and Preservation Act.

Baseline Year

~~Calculations for [illegible] Emissions Reported [illegible] FPPS~~

Bldg 160 – Main Power Plant:

source type: Boilers (x 4)

material used: Natural Gas
#6 Fuel Oil

Note: NG fired boilers exempt!

Equation 1:

$$E = \frac{uf}{2000}$$

E = emission rate (TPY = tons per year)

u = annual fuel usage (mmcf/yr) (GPY)

mmcf/yr = million cubic feet/year for Natural Gas usage (NG)

GPY = gallons per year for #6 Fuel oil (FO)

f = AP-42 emission factor for pollutant emitted; (reference factor)
(lb/mmcf (NG))
(lb/KGAL (FO))

2000 = conversion unit

∴

Annual usage for NG = 604 mmcF

pollutant emitted:		f = for NG
PM_{10}	⇒	5.0 lb/mmcF
NO_x	⇒	140.0 lb/mmcF
SO_x	⇒	0.6 lb/mmcF
CO	⇒	35.0 lb/mmcF
VOC	⇒	2.8 lb/mmcF

$$E_{PM_{10}} = \frac{(604\ mmcF)(5.0\ lb/mmcF)}{2000} = 1.51\ TPY$$

$$E_{NO_x} = \frac{(604)(140.0)}{2000} = 42.28\ TPY$$

$$E_{SO_x} = \frac{(604)(.6)}{2000} = 0.18 \text{ TPY}$$

$$E_{CO} = \frac{(604)(35)}{2000} = 10.57 \text{ TPY}$$

$$E_{VOC} = \frac{(604)(2.8)}{2000} = 0.85 \text{ TPY}$$

Annual Usage for #6 F.O. = 193,991 GPY ⇒ 193.991 KGAL

pollutant emitted:	S = for F.O. #6
PM_{10}	10.0 lb/KGAL
NO_x	55.0 lb/KGAL
SO_x	392.5 lb/KGAL
CO	5.0 lb/KGAL
VOC	0.28 lb/KGAL

$$E_{PM_{10}} = \frac{(193{,}991 \text{ gal})(10.0 \text{ lb}/10E3 \text{ GAL})}{2000} = 0.97 \text{ TPY}$$

$$E_{NO_x} = \frac{(193.991)(55.0)}{2000} = 5.33 \text{ TPY}$$

$$E_{SO_x} = \frac{(193.991)(392.5)}{2000} = 38.07 \text{ TPY}$$

$$E_{CO} = \frac{(193.991)(5.0)}{2000} = 0.48 \text{ TPY}$$

$$E_{VOC} = \frac{(193.991)(0.28)}{2000} = 0.03 \text{ TPY}$$

∴ Total emission from burning FO#6, NG exempt)
TE = 44.9 TPY products of combustion

Bldg 1012: WB Steam Plant:

source type: Boilers (x3), 2 operating in 1992

material used: Natural Gas (NG)

#6 Fuel oil (F.O)

Equation 1:

$$E = \frac{uf}{2000}$$

∴ Annual usage for NG = 77.7 mmCF

pollutant emitted:	f = for NG
PM_{10}	5.0 lb/mmCF
NO_x	140.0 lb/mmCF
SO_x	0.6 lb/mmCF
CO	35.0 lb/mmCF
VOC	2.8 lb/mmCF

$$E_{PM_{10}} = \frac{(77.7\ mmCF)(5.0\ lb/mmCF)}{2000} = 0.19\ TPY$$

$$E_{NO_x} = \frac{(77.7\ mmCF)(140)}{2000} = 5.44\ TPY$$

$$E_{SO_x} = \frac{(77.7)(0.6)}{2000} = 0.02\ TPY$$

$$E_{CO} = \frac{(77.7)(35.0)}{2000} = 1.36\ TPY$$

$$E_{VOC} = \frac{(77.7)(2.8)}{2000} = 0.11\ TPY$$

So Annual F.O usage = 2352 GAL = 2.352 KGAL

pollutant emitted	f = for FO
PM_{10}	10.0 lb/KGAL
NO_x	55.0 "
SO_x	392.5 "
CO	5.0 "
VOC	[illegible] "

WPNS Power Plant continued

$$E_{PM_{10}}(F.O) = \frac{(2.352)(10)}{2000} = 0.012\,TPY$$

$$E_{NO_X}(F.O) = \frac{(2.352)(55)}{2000} = 0.065\,TPY$$

$$E_{SO_X}(F.O) = \frac{(2.352)(39.25)}{2000} = 0.46\,TPY$$

$$E_{CO}(F.O) = \frac{(2.352)(5.0)}{2000} = .0059\,TPY$$

$$E_{VOC}(F.O) = \frac{(2.352)(0.28)}{2000} = .00033\,TPY$$

∴ $\boxed{\text{Total Emission} = 0.543\,TPY}$ from burning fuel oil, NG exempt, products of combustion

Bldg 193: Dry Cleaning Plant

source type: washers (x 2)

material used: perchloroethylene

operating rate: 8400 lb cloth per wk ⇒ (2)(70 lb cleaners) = 140 lbs/hr; 12 hrs/day (140 lb/hr) = 1680 lb/day; 5 day/wk (1680) = 8400 lb cloth/wk

pollutant emitted (VOC): f = 4.0 lb perc/100 lb clothes

Equation 2:

$$E = \frac{C/f}{2000}$$

E = emission rate (TPY)

C = capacity/output (lb cloth/yr)

2000 = conversion factor

f = AP-42 emission factor

reference factor: (lb perc / 100 lb clothes)

f ⇒ 4.0 lb perc / 100 lb clothes

C = 8400 lb clothes/wk x 52 wk/yr = 436,800 lb clothes/yr

$f(lb) = (436{,}800)\left(\frac{4.0}{100}\right) = 17{,}472\ \frac{lb\ perc}{yr}$

∴

$$E_{perc} = \frac{(8400\ lb\ clothes/wk \times 52\ wk/yr)(4.0\ lb\ perc/100\ lb\ clothes)}{2000}$$

$$\boxed{E_{perc_{VOC}} = 8.74\,TPY}$$

Since perc is also a Hazard Air Pollutant (HAP)

Equation 2a: $E_{HAP} = C_{HAP}\, E_{perc_{VOC}}$

$= (100\%)(8.74\,TPY)$

solvent content perc = 99.5% ≈ 100%

perc density (ρ) = 13.5

$= 8.74\,TPY$

Bldg 450 : FMEO Paint Shop

* Need MSDS sheets for densities and other information

source type : paint spray booth

material used :
- Latex Semigloss = 200gal
- Latex Flat = 25 gal
- white Pgmt Shellac = 200gal
- Industrial Enamel = 50 gal
- Alkyd Undercoat = 25gal
- Polyurethane Varn = 25gal

Use of Solvents/Thinners :
- Varsol 18 = 1000 gal
- Denatured Alcohol = 500gal
- Lacquer Thinner = 50gal

Pollutant emitted :

VOC

PM

HAP : (1) Toluene
(2) Xylene
(3) Ethyl Benzene
(4) 1,1,1 Trichloroethane
(5) Tetrachloroethylene
(6) Ethylene Glycol
(7) methyl Alcohol
(8) Cr (III)

Emission factors = none for all pollutants emitted

Operating rate = 104 hr/yr

Equation 3: for VOC/~~HAP~~ only sources : $E_{VOC} = \frac{UC\rho}{2000}$

E = emission rate (TPY)

U = annual amt of solvent used (gal/yr)

C = Volatile content (%)

ρ = density of solvent (lb/gal)

2000 = conversion factor

C = HAP content (%)

Equation 3a: for PM_{10} only:

$$E_{pm} = \frac{[u\rho(1-c)O][(100-\eta)/100]}{2000}$$

E_{pm} = emission rate of PM (TPY)
u = annual usage of paint (gal/yr)
ρ = density of paint / coating (lb/gal)
c = volatile fraction (%/100)
O = overspray (assume 65%)
η = control efficiency (assume 95%)
2000 = conversion factor to TPY for lb/yr

Latex Semigloss:
u = 200 gal/yr
ρ = 10.29 lb/gal (MSDS inform)
c = 67% (MSDS inform)

$E_{VOC} = (200\ \frac{gal}{yr})(10.29\ \frac{lb}{gal})(.67) = 1{,}379\ lb/yr \Rightarrow \frac{1{,}379}{2000} = .689\ TPY$

$E_{HAP(6)} = \frac{(1{,}379)(.005)}{2000} = .0034$ %wt of HAP(6) = 0.5%

$E_{HAP(6)} \cong .0034\ TPY$

$E_{pm} = (200\ gal/yr)(10.29\ \frac{lb}{gal})(1-.67)(.65)(.95) = 22.07\ lb/yr \div 2000$

$E_{pm} = .011\ TPY$

- Latex Flat:

$u = 25$ gal/yr
$\rho = 11.32$ lb/gal
$C = 61.7\%$
HAP = MSDS sheet

$E_{VOC} = (25 gal/yr)(11.32 \frac{lb}{gal})(.617) = 174.6$ lb/yr $\div 2000$
$E_{VOC} = 0.087$ TPY

$E_{HAP(6)} = (174.6)(.05) = 8.73$ lb/yr $\Sigma wt = 5\%$ HAP(6)
$E_{HAP(6)} = .004$ TPY

$E_{pm} = (25)(11.32)(1-.617)(.65)(.05) = 3.52$ lb/yr
$E_{pm} = .0002$ TPY

- White Shellac:

$u = 200$ gal
$\rho = 9.94$ lb/gal
$C = 68\%$
$E_{VOC} = (200)(9.94)(.68) = 1,352$ lb/yr $\div 2000$
$E_{VOC} = 0.676$ TPY
$E_{HAP(7)} = (1352)(.04) = 54.1$ lb/yr $\Sigma wt = .04$ of HAP(7)
$E_{HAP(7)} = .027$ TPY
$E_{pm} = (200)(9.94)(1-.68)(.65)(.05) = 20.7$ lb/yr
$E_{pm} = .010$ TPY

- Industrial Enamel

$u = 50$ gal/yr
$\rho \approx 9$ lb/gal
$C \approx 67.5\%$

% wt HAP (8) = 2.3

$E_{VOC} = (50)(.675)(9) = 303$ lb/yr
$E_{VOC} = 0.152$ TPY

$E_{pm} = (50)(9)(1-.675)(.65)(.05) = 4.75$ lb/yr
$E_{pm} = .0024$ TPY

$E_{HAP(8)} = (4.75)(.023) = 0.11$ lb/yr
$E_{HAP(8)} = .0001$ TPY

- Alkyd Undercoat

$u = 25$ gal/yr
$\rho = 11.49$ lb/gal
$C = 42.5\%$

$E_{VOC} = (25)(11.49)(.425) = 122$ lb/yr $\div 2000 =$
$E_{VOC} = .061$ TPY

$E_{pm} = (25)(11.49)(1-.425)(.65)(.05) = 5.37$ lb/yr $\div 2000$
$E_{pm} = .003$ TPY

- Polyurethane Varnish

$u = 25$ gal/hr
$\rho = 7.3$ lb/gal
$C = 61.5\%$

$E_{VOC} = (25)(7.3)(.615) = 112.23$ lb/yr $\div 2000$
$E_{VOC} = .056$ TPY

$E_{pm} = (25)(7.3)(1.-.615)(.65)(.05) = 2.28$ lb/yr
$E_{pm} = .001$ TPY

Varsol 18

$u = 1000$ gal/yr
$\rho = (.80)(62.4 \frac{lb}{ft^3})(\frac{ft^3}{7.48 gal}) = 6.67$ lb/gal (specific gravity = .8)
100%

$E_{VOC} = (1000)(6.67)(1) = 6{,}670$ lb/yr $\div 2000 = 3.335$ TPY

$E_{HAP(1)} = (6{,}670)(.4\%) = 26.7$ lb/yr $\div 2000 = .013$ TPY

$E_{HAP(2)} = (6{,}670)(.8\%) = 53.4$ lb/yr $\div 2000 = .027$ TPY

$E_{HAP(3)} = (6{,}670)(.2\%) = 13.34$ lb/yr $\div 2000 = .0067$ TPY

Total HAP = 93.4 lb/yr => .0467 TPY

- <u>Lacquer Thinner</u>

$u = 50$ gal/yr

$\varphi = (.9)(62.4)\left(\frac{1}{7.48}\right) = 7.51$ lb/gal sp. gr. = .9

$C = 100\%$

$E_{VOC} = (50)(7.51)(1) = 375.5$ lb/yr

$E_{VOC} = .188$ TPY

$E_{HAP(1)} = (.45)(375.5) = 168.9$ lb/yr $\div 2000 = .085$ TPY

$E_{HAP(7)} = (.05)(375.5) = 18.78$ lb/yr $\div 2000 = .009$ TPY

<u>Denatured Alcohol</u>

$\varphi = .45\,\rho_{EtOH} + .55\,\rho_{MeOH} = 50.4$ lb/ft^3
$= 6.74$ lb/gal

$u = 500$ gal/yr

$C = 100\%$

$E_{VOC} = (500)(1)(6.74$ lb/gal$) = 3{,}370$ lb/yr
$= 1.685$ TPY

$E_{HAP(7)} = (.55)(3370) = 1854$ lb/yr

$E_{HAP(7)} = 0.93$ TPY

Total VOC = 10,488 lb/yr => 5.2 TPY

Total HAP = 413 lb/yr => .20 TPY

Total PM = 59 lb/yr => .029 TPY

Bldg 6001 – Armory
source • Degreasing Operations
• Use of Cleaners
material used: Safety Kleen solvent

[redacted]: Parts Washer Solvent (mineral spirits)
from MSDS

SG = .8
ρ_{SK} = .8 ρ_w = (.8)(1 kg/L) = 800 g/L
= .8 ρ_w = (.8)(62.4 lb/ft³) = 49.92 lb/ft³ = 6.67 lb/gal

VOC = 795 g/L = 6.62 lb/gal
% volatile = 99.9%

MW = 142

Components:

	85%	$C_9 - C_{13}$ hydrocarbon
(1)	.5%	Toluene (HAP)
(2)	1.0%	Xylene (HAP)
(3)	.5%	Ethyl Benzene (HAP)
	12%	C_8 + aromatics
(4)	.5%	1,1,1 TCE (HAP) (methyl chloroform)
(5)	.5%	TET / Perk (HAP)

[redacted]

CLP = 48 gal/yr Armory
VOC = 26.0%
SG = 0.9
ρ_{CLP} = (.9)(62.4 lb/ft³) = 56.2 lb/ft³ = 7.51 lb/gal
from MSDS

components

	5% n-Butyl Acetate	5% Isopropanol
	7.3% Trichlorotrifluorethane	5% Isobutyl Acetate
(4)	20% 1,1,1 TCE	

Armory

- CLP

$u = 48\ gal/yr$

$E_{VOC} = (48\ gal/yr)(7.51\ lb/gal)(.26) = 93.7\ lb/yr \div 2000$

$E_{VOC} = .0469\ TPY$

- $E_{HAP(4)} = (.20)(93.7) = 18.74\ lb/yr \div 2000 = .009\ TPY$

Safety Kleen solvent

$1100\ gal/yr - 457\ gal/yr = 643\ gal/yr$

ordered — disposed — used annual

$E_{VOC} = (643\ gal/yr)(.999)(6.67\ lb/gal) = 4,285\ lb/yr \div 2000$

$E_{VOC} = 2.14\ TPY$

$E_{HAP(1)} = (4285)(.005) = 21.43\ lb/yr \div 2000 = .0107\ TPY$

$E_{HAP(2)} = (4285)(.01) = 42.85\ lb/yr \div 2000 = .0214\ TPY$

$E_{HAP(3)} = (4285)(.005) = 21.43\ lb/yr \div 2000 = .0107\ TPY$

$E_{HAP(4)} = (4285)(.005) = 21.43\ lb/yr \div 2000 = .0107\ TPY$

$E_{HAP(5)} = (4285)(.005) = 21.43\ lb/yr \div 2000 = .0107\ TPY$

Total HAPs $= .0642\ TPY$

Bldg 864 – Maintenance Tool Shop (TMEC)
source type: Degreaser operation
mat'l used: Safety Kleen solvent

U = 30 gal/yr

E_{VOC} = (30 gal/yr)(.999)(6.67 lb/gal) = 199.89 lb/yr = .0999 TPY
≈ 200 lb/yr ≈ .1 TPY

$E_{HAP(1)}$ = (200 lb/yr)(.005) = .0005 TPY

$E_{HAP(2)}$ = (200)(.01) = .001 TPY

$E_{HAP(3)}$ = (200)(.005) = .0005 TPY
$E_{HAP(4)}$ = (200)(.005) = .0005 TPY
$E_{HAP(5)}$ = (200)(.005) = .0005 TPY

Total HAPs = .003 TPY

Bldg 12 – Auto Hobby Shop:
Degreasing Ops.
Safety Kleen

U = 104 gal

E_{VOC} = (104)(.999)(6.67) = 693 lb/yr = .347 TPY
$E_{HAP(1)}$ = (104)(.005) = .0003 TPY
$E_{HAP(2)}$ = (104)(.01) = .0005 TPY
$E_{HAP(3)}$ = (104)(.005) = .0003 TPY
$E_{HAP(4)}$ = (104)(.005) = .0003 TPY
$E_{HAP(5)}$ = (104)(.005) = .0003 TPY

Total HAPs = .0017 TPY

Bldg 155 - Motor Transport -

source type - Degreasing Ops

mat'l used - safety Kleen solvent

$u = 422$ gal/yr

$E_{VOC} = (422 \text{ gal/yr})(.999)(6.67 \text{ lb/gal}) = 2,812 \text{ lb/yr} \div 2000 = 1.406 \text{ TPY}$

$E_{HAP(1)} = 1.406 (.005) = .007 \text{ TPY}$

$E_{HAP(2)} = 1.406 (.01) = .014 \text{ TPY}$

$E_{HAP(3)} = 1.406 (.005) = .007 \text{ TPY}$

$E_{HAP(4)} = 1.406 (.005) = .007 \text{ TPY}$

$E_{HAP(5)} = 1.406 (.005) = .007 \text{ TPY}$

Total HAPs: .042 TPY

Bldg 765 - Weapons Battalion

source type - Degreasing ops

mat'l used - safety Kleen slvt

$u = 163$ Gal/yr

$E_{VOC} = (163)(.999)(6.67) = .543 \text{ TPY}$

$E_{HAP(1)} = .543 (.005) = .0027 \text{ TPY} \approx .003 \text{ TPY}$

$E_{HAP(2)} = .543 (.01) = .005 \text{ TPY}$

$E_{HAP(3)} = .543 (.005) = .003 \text{ TPY}$

$E_{HAP(4)} = .543 (.005) = .003 \text{ TPY}$

$E_{HAP(5)} = .543 (.005) = .003 \text{ TPY}$

Total HAPs = .017 TPY

Bldg 1075 – WDA-line

source: Degreasing Ops

mat'l: safety klean solvent

U = 2082 gal/yr

$E_{VOC} = (2082\ gal/yr)(.999)(6.67\ lb/gal) = 6.94\ TPY$

$E_{HAP(1)} = 6.94\ TPY\ (.005) = .0347\ TPY$

$E_{HAP(2)} = 6.94\ TPY\ (.01) = .069\ TPY$

$E_{HAP(3)} = 6.94\ (.005) = .0347\ TPY$

$E_{HAP(4)} = 6.94\ (.005) = .0347\ TPY$

$E_{HAP(5)} = 6.94\ (.005) = .0347\ TPY$

Total HAPs: .207 TPY

Bldg 170 – Gov't Vehicle Gas Station:

source type: Refueling ops

mat'l used: Unleaded Gasoline U = 175,000 gal/yr (UL)

Diesel U = 150,000 gal/yr (Diesel)

Equation 4: $E = \frac{T \times f}{2000}$

E = emission rate (TPY)

T = through put (gal/yr)

f = AP-42 emission factor (lb/1000 gal) = 19.3 lb/10^3 gal

2000 = conversion factor

$\Sigma f_i = \underset{\text{sub fill}}{7.3} + \underset{\text{UST Breathing}}{1.0} + \underset{\text{Displacement loss-uncontrolled}}{11.0} = 19.3\ lb/10^3\ gal$

a) $E_{UL} = (175{,}000\ gal/yr)\left(\frac{19.3\ lb}{1000\ gal}\right) = 3377.5\ lb/yr \div 2000 = 1.68\ TPY$

b) $E_{Diesel} = (150{,}000\ gal/yr)\left(\frac{19.3\ lb}{1000\ gal}\right) = 2895\ lb/yr \div 2000 = 1.45\ TPY$

Bldg 404 – Exchange Gas Station
source: Refueling Ops
mat'l: Unleaded Gas (UL) $u = 1162929$ gal/yr

$$E = \frac{T \times f}{2000}$$

$$E_{VOC} = (1{,}162{,}929 \text{ gal/yr})\left(\frac{19.3 \text{ lb}}{1000 \text{ gal}}\right) = 22444.5 \text{ lb/yr}$$

$$E_{VOC} = 11.22 \text{ TPY}$$

Bldg 11: Depot Reprod/Print –
source: Repro / Printing
mat'l used:

Blankrola wash:
$u = 25$ gal/yr
SG = 0.97
$\rho_{sw} = (.97)(62.4)(1/7.48) = 8.09$ lb/gal
VOC = 8.09 lb/gal = 100% volatile

components: 25% perchloroethylene (HAP) (5)
70% aliphatic hydrocarbon
5% aromatic hydrocarbon

Deglazing solvent:
$u = 7$ gal/yr
SG = 1.31
$\rho = (1.31)(62.4)(1/7.48) = 10.93$
VOC = (10.9 lb/gal, NJ)

components:
96% 1,1,1 TCE (HAP) (4)
2% tert-butyl alcohol
2% dimethoxymethane

Black Ink:
$u = 30$ lb/yr = 4.0 gal/yr
VOC = .42 lb/gal
SG = 1
$\rho = 62.4$ lb/ft^3 = 8.34 lb/gal

NO HAPs components.

mat'l used continued:

Dispersant:

$U = 9\ gal/yr$
$SG = .750$ NO HAPs component
$\rho = 6.26\ lb/gal$
$VOC = 6.3\ lb/gal$

Liquid Developer:

$U = 9\ gal/yr$
$SG = .74 \sim .76 \sim .75$
$\rho = 6.26\ lb/gal$
$VOC = 6.2\ lb/gal$ NO HAPs

Bankroll Wash: $E = u \times \rho \times \%\ VOC$

$E_{VOC} = (25\ gal/yr)(8.09\ lb/gal)(1.00) = 202.25\ lb/yr$
$E_{VOC} = .1011\ TPY$
$E_{HAP(s)} = (.1011)(.25) = .025\ TPY$

Deglazing solvent:

$E_{VOC} = (7\ gal/yr)(10.9)(1.00) = 76.3\ lb/yr$
$E_{VOC} = .038\ TPY$
$E_{HAP(4)} = (.96)(.038) = .037\ TPY$

Black Ink:

$E_{VOC} = (9\ gal/yr)(.42\ lb/gal) \div 2000 = .0019\ TPY$

Dispersant:

$E_{VOC} = (9\ gal/yr)(6.3\ lb/gal) \div 2000 = .028\ TPY$

Developer:

$E_{VOC} = (9\ gal/yr)(6.26\ lb/gal) \div 2000 = .028\ TPY$

Emergency Generators:

Equation 5: $E = \frac{f \times P \times H \times LF}{908,000}$ X 2 Generators the size

E = emission rate (TPY)

f = AP-42 emission factor (g/kwh)

fpm = 1.34 g/kwh

fSO_2 = 1.25 g/kwh

fNO_x = 18.8 g/kwh

fCO = 4.06 g/kwh

fVOC = 1.5 g/kwh

P = generator rating (kW)

H = annual op hrs (hr/yr)

LF = Load factor (assume (1.0))

908,000 = conversion factor

Source type: Emergency generator 2 @ 230 kW

mat'l used: Diesel fuel # 2

u = 1045 gal

operating rate = 52 hr/yr

$$E_{pm} = \frac{(1.34)(230)(1.0)(52)}{908,000} = 0.0177 \text{ TPY} \times 2 = .0354 \text{ TPY}$$

$$E_{SO_2} = \frac{(1.25)(230)(1.0)(52)}{908,000} = 0.0165 \text{ TPY} \times 2 = .0330 \text{ TPY}$$

$$E_{NO_x} = \frac{(18.8)(230)(1.0)(52)}{908,000} = .248 \text{ TPY} \times 2 = .496 \text{ TPY}$$

$$E_{CO} = \frac{(4.06)(230)(1.0)(52)}{908,000} = .0535 \text{ TPY} \times 2 = .107 \text{ TPY}$$

$$E_{VOC} = \frac{(1.5)(230)(1.0)(52)}{908,000} = .0198 \text{ TPY} \times 2 = .0396 \text{ TPY}$$

TABLE A-1 EMISSIONS SUMMARY

AIR EMISSION INVENTORY
MCRD PARRIS ISLAND

SOURCE ID #	BLDG #	LOCATION	SOURCE TYPE	MATERIAL/FUEL USED	ANNUAL USAGE	UNITS	OPERATING RATE	UNITS	POLLUTANT EMITTED	EMISSION FACTOR	UNITS	EMISSION RATE (TPY)
01	160	Main Steam Plant	Boiler (x 4)	Natural Gas	6.04E+08	CF			PM	5.0	lb/10E6 CF	1.51
					6.04E+08	CF			NOx	140.0	lb/10E6 CF	42.28
					6.04E+08	CF			SOx	0.6	lb/10E6 CF	0.18
					6.04E+08	CF			CO	35.0	lb/10E6 CF	10.57
					6.04E+08	CF			VOC	2.8	lb/10E6 CF	0.85
				#6 Fuel Oil	193991	GAL			PM	10.0	lb/10E3 GAL	0.97
					193991	GAL			NOx	55.0	lb/10E3 GAL	5.33
					193991	GAL			SOx	392.5	lb/10E3 GAL	38.07
					193991	GAL			CO	5.0	lb/10E3 GAL	0.48
					193991	GAL			VOC	0.28	lb/10E3 GAL	0.03
02	1012	WB Steam Plant	Boiler (x 3)	Natural Gas	7.77E+07	CF			PM	5.0	lb/10E6 CF	0.19
					7.77E+07	CF			NOx	140.0	lb/10E6 CF	5.44
					7.77E+07	CF			SOx	0.6	lb/10E6 CF	0.02
					7.77E+07	CF			CO	35.0	lb/10E6 CF	1.36
					7.77E+07	CF			VOC	2.8	lb/10E6 CF	0.11
				#6 Fuel Oil	2352	GAL			PM	10.0	lb/10E3 GAL	0.01
					2352	GAL			NOx	55.0	lb/10E3 GAL	0.06
					2352	GAL			SOx	392.5	lb/10E3 GAL	0.46
					2352	GAL			CO	5.0	lb/10E3 GAL	5.88E-03
					2352	GAL			VOC	0.28	lb/10E3 GAL	3.29E-04
03	193	Dry Cleaning Plant	Washers (x 2)	Perchloroethylene			8400 lb cloth per wk		VOC	4.0 lb perc/100 lb clothes		8.74
04	450	Paint Shop	Paint Spray Booth	Latex SemiGloss	200	GAL	104	hr/yr	VOC	NONE		0.689
									HAP (6)	NONE		0.034
									PM	NONE		0.011
				Latex Flat	25	GAL	104	hr/yr	VOC	NONE		0.087
									HAP (6)	NONE		0.004
									PM	NONE		0.002
				White Pgmt Shellac	200	GAL	104	hr/yr	VOC	NONE		0.676
									HAP (7)	NONE		0.027
									PM	NONE		0.010
				Industrial Enamel	50	GAL	104	hr/yr	VOC	NONE		0.152
									HAP (8)	NONE		5.05E-06
									PM	NONE		2.19E-04
				Alkyd Undercoat	25	GAL	104	hr/yr	VOC	NONE		0.061
									PM	NONE		0.003
				Polyurethane Varn	25	GAL	104	hr/yr	VOC	NONE		0.056
									PM	NONE		0.001
			Use of Solvents & Thinners	VARSOL 18	1000	GAL			VOC	NONE		3.335
									HAP (1)	NONE		0.013
									HAP (2)	NONE		0.027
									HAP (3)	NONE		0.013
				Denatured Alcohol	500	GAL			VOC	NONE		1.685
									HAP (7)	NONE		0.927
				Lacquer Thinner	50	GAL			VOC	NONE		0.188
									HAP (1)	NONE		0.084
									HAP (7)	NONE		0.009

HAPs are:
(1) Toluene
(2) Xylene
(3) Ethyl Benzene
(4) 1,1,1 Trichloroethane
(5) Tetrachloroethylene
(6) Ethylene Glycol
(7) Methyl Alcohol
(8) Cr(III)

SOURCE ID #	BLDG #	LOCATION	SOURCE TYPE	MATERIAL/FUEL USED	ANNUAL USAGE	UNITS	OPERATING RATE	UNITS	POLLUTANT EMITTED	EMISSION FACTOR	UNITS	EMISSION RATE (TPY)
05	6001	Armory	Degreasing Ops	Safety Kleen Slvnt	643	GAL			VOC	NONE		2.142
									HAP (1)	NONE		0.011
									HAP (2)	NONE		0.021
									HAP (3)	NONE		0.011
									HAP (4)	NONE		0.011
									HAP (5)	NONE		0.011
			Use of Cleaners	CLP	48	GAL			VOC	NONE		0.047
									HAP (4)	NONE		0.009
06	864	Maint. Tool Shop	Degreasing Ops	Safety Kleen Slvnt	30	GAL			VOC	NONE		0.100
									HAP (1)	NONE		5.00E-04
									HAP (2)	NONE		0.001
									HAP (3)	NONE		5.00E-04
									HAP (4)	NONE		5.00E-04
									HAP (5)	NONE		5.00E-04
07	12	Auto Hobby Shop	Degreasing Ops	Safety Kleen Slvnt	104	GAL			VOC	NONE		0.346
									HAP (1)	NONE		0.002
									HAP (2)	NONE		0.003
									HAP (3)	NONE		0.002
									HAP (4)	NONE		0.002
									HAP (5)	NONE		0.002
08	155	Motor Transport	Degreasing Ops.	Safety Kleen Slvnt	422	GAL			VOC	NONE		1.406
									HAP (1)	NONE		0.007
									HAP (2)	NONE		0.014
									HAP (3)	NONE		0.007
									HAP (4)	NONE		0.007
									HAP (5)	NONE		0.007
09	765	Weapons Battalion	Degreasing Ops	Safety Kleen Slvnt	163	GAL			VOC	NONE		0.543
									HAP (1)	NONE		0.003
									HAP (2)	NONE		0.005
									HAP (3)	NONE		0.003
									HAP (4)	NONE		0.003
									HAP (5)	NONE		0.003
10	1075	WB A-Line	Degreasing Ops	Safety Kleen Slvnt	2082	GAL			VOC	NONE		6.937
									HAP (1)	NONE		0.035
									HAP (2)	NONE		0.069
									HAP (3)	NONE		0.035
									HAP (4)	NONE		0.035
									HAP (5)	NONE		0.035
11	170	Govt Vehicle GS	Refueling Ops	Unleaded Gasoline	175000	GAL			VOC	20 lb/10E3 GAL		1.750
				Diesel	150000	GAL			VOC	20 lb/10E3 GAL		1.500
12	404	Exchange Gas St	Refueling Ops	Unleaded Gasoline	1162929	GAL			VOC	20 lb/10E3 GAL		11.629
13	11	Depot Repro/Print	Repro/Printing	Bankrola Wash	25	GAL	2080	hr/yr	VOC	NONE		0.101
									HAP (5)	NONE		0.025
				Deglazing Solvent	7	GAL	2080	hr/yr	VOC	NONE		0.038
									HAP (4)	NONE		0.037
				Ink	4	GAL	2080	hr/yr	VOC	NONE		0.001
				Dispersant	9	GAL	2080	hr/yr	VOC	NONE		0.028
				Developer	9	GAL	2080	hr/yr	VOC	NONE		0.028

SOURCE ID #	BLDG #	LOCATION	SOURCE TYPE	MATERIAL/FUEL USED	ANNUAL USAGE	UNITS	OPERATING RATE	UNITS	POLLUTANT EMITTED	EMISSION FACTOR	UNITS	EMISSION RATE (TPY)
14			EmGen (2@230kW	Diesel Fuel #2	1045	GAL	52	hrs/yr	PM	1.34	g/kWh	0.035
									SO2	1.25	g/kWh	0.033
									NOx	18.8	g/kWh	0.495
									CO	4.06	g/kWh	0.107
									VOC	1.5	g/kWh	0.040
									TOTAL PM	2.75	TPY	
									TOTAL NOx	53.61	TPY	
									TOTAL SOx	38.77	TPY	
									TOTAL CO	12.53	TPY	
									TOTAL VOC	43.18	TPY	
									TOTAL HAP	10.29	TPY	

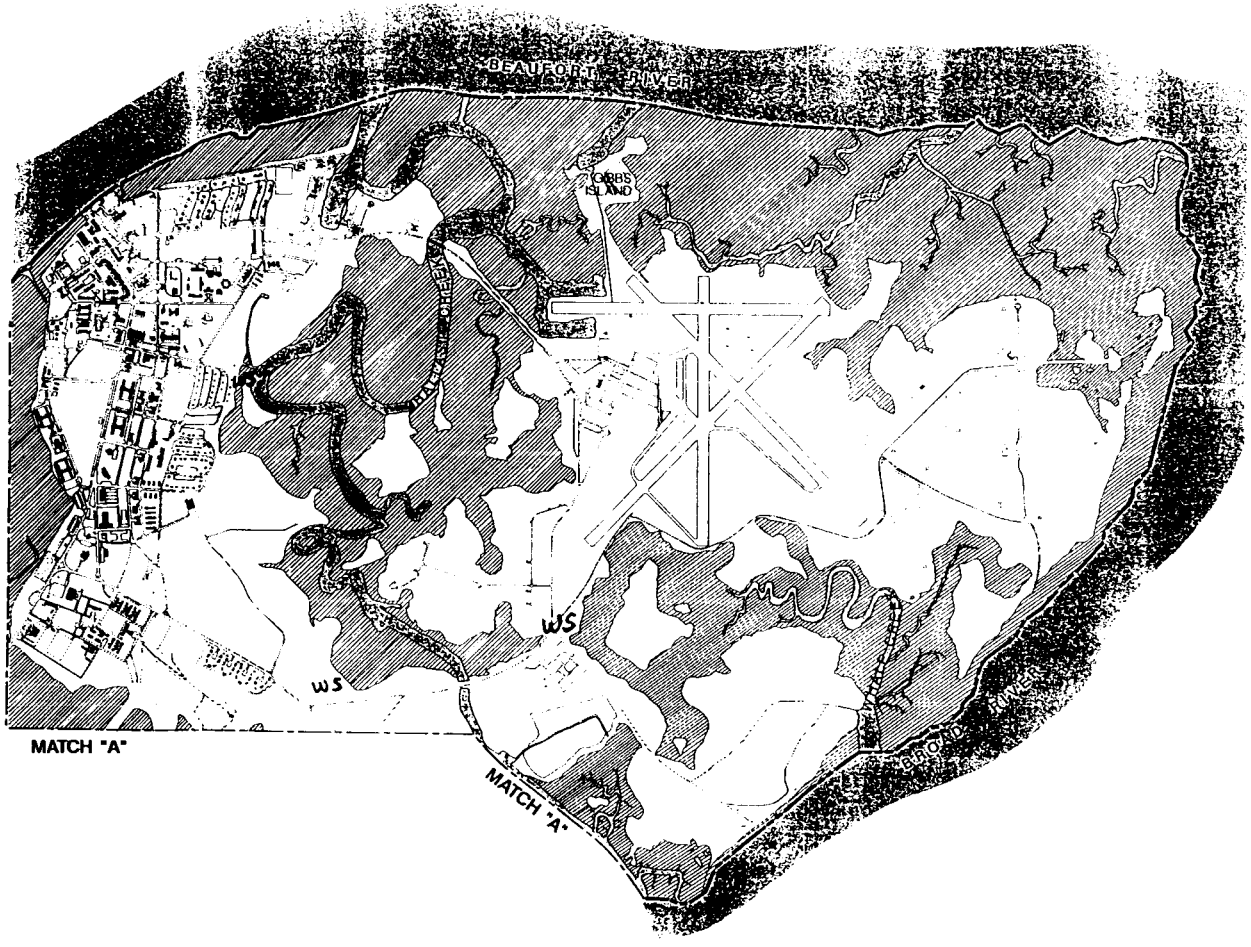
TABLE A-2 BUILDING AND STACK PARAMETERS
MCRD PARRIS ISLAND

BLDG #	LOCATION	LENGTH FT	WIDTH FT	HEIGHT FT	ELEVATION FT	UTM NORTH	UTM WEST	STACK DIAM FT	STACK HEIGHT FT	STACK TEMP DEG F	STACK VEL FPS	RAINCAP
11	DEPOT REPRO	242	50	39	9	322058	804031	N/A	N/A	N/A	N/A	N/A
12	AUTO HOBBY	126	61	31	9	322104	804026	N/A	N/A	N/A	N/A	N/A
155	MOTOR T	20	122	25	9	322135	804005	N/A	N/A	N/A	N/A	N/A
160	MAIN STEAM PLNT	206	98	35	9	322105	804017	4 / 3.5 (#4)	65 / 55 (#4)	425	27.6/36.2	YES
170	GOVT VEH GAS ST	61	20	16	9	322107	804041	N/A	N/A	N/A	N/A	N/A
193	DRYCLEANING	98	41	12	8	322052	804044	1.1	17.5	68	20	YES
404	EXCHANGE GAS ST	130	58	26	14	322202	804121	N/A	N/A	N/A	N/A	N/A
450	MAINTENANCE	205	139	15	10	322114	804139	1 X 2	21	70	62	YES
765	WPNS BATTALION	140	100	17	12	321955	804217	N/A	N/A	N/A	N/A	N/A
864	TOOL SHOP	304	40	19	14	322112	804135	N/A	N/A	N/A	N/A	N/A
1012	WPNS STEAM PLNT	60	40	26	10	321942	804210	1.6 (#11)/2.3	27 (#11)/35	433/425	37.3/25.6	YES
1045	WPNS BATT A-LINE	100	60	19	9	322003	804244	N/A	N/A	N/A	N/A	N/A
6001	ARMORY	140	83	14	10	322057	804114	N/A	N/A	N/A	N/A	N/A

TABLE A-3 MATERIAL DATA
MCRD PARRIS ISLAND

MATERIAL USED	DENSITY LB/GAL	VOC CONTENT	HAP %	SULFUR %	ASH %	HEAT CONTENT	
NATURAL GAS		NE	NE	NE	NE	1031	BTU/CU.FT
FUEL OIL #6	7.9	NE	NE	2.5%	.09%	150,000	BTU/GAL
SAFETY KLEEN	6.67	99.9%	3%	NA	NA	NA	
SEMIGLOSS LATEX	10.29	67%	5%	NA	NA	NA	
FLAT LATEX	11.32	61.7%	5%	NA	NA	NA	
INDUSTRIAL ENAMEL	10.00	60%	2.3%	NA	NA	NA	
WHITE PMT SHELLAC	9.94	68%	0.4%	NA	NA	NA	
POLYURETH VARNISH	7.30	62%	NE	NA	NA	NA	
ALKYD PRIMER	11.49	42.5%	NE	NA	NA	NA	
VARSOL 18	6.67	100%	1.4%	NA	NA	NA	
DENATURED ALCOHOL	6.74	100%	55%	NA	NA	NA	
LACQUER THINNER	7.51	100%	50%	NA	NA	NA	
CLP	7.51	26%	42.3%	NA	NA	NA	
PERCHLOROETHYLENE	13.5	100%	100%	NA	NA	NA	

Figure 2. Locations of Wood Storks seen on MCRD Parris Island, SC.



SITE MAP

PROPERTY BOUNDARY

SALT WATER MARSH

WS = Wood Stork

MASTER PLAN

MARINE CORPS RECRUIT DEPOT

PARRIS ISLAND, SOUTH CAROLINA

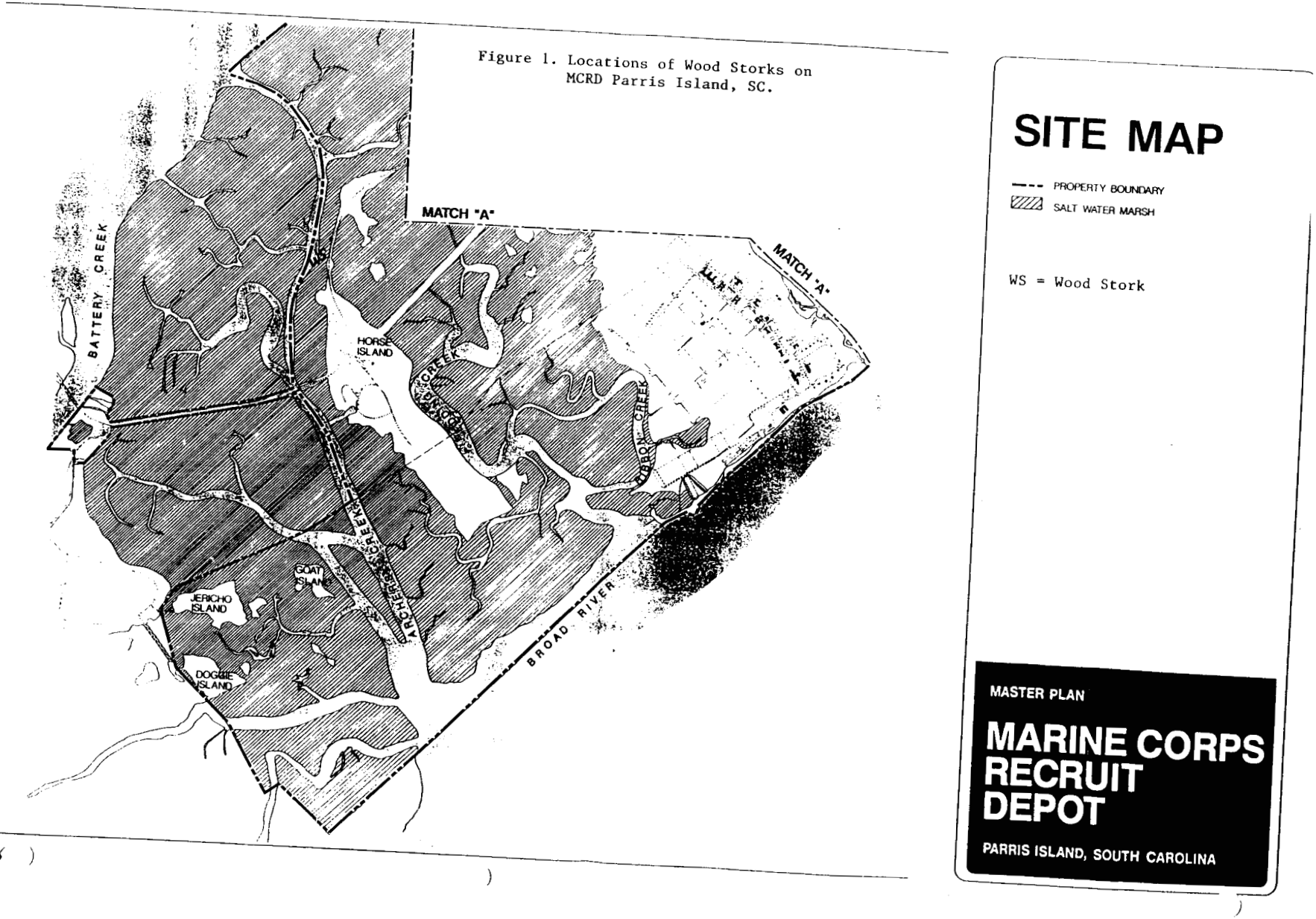


Figure 1. Locations of Wood Storks on MCRD Parris Island, SC.

Figure 3. Locations of Muhlenbergia filipes & Cana flaccida on MCRD Parris Island, SC.

SITE MAP

--- PROPERTY BOUNDARY

SALT WATER MARSH

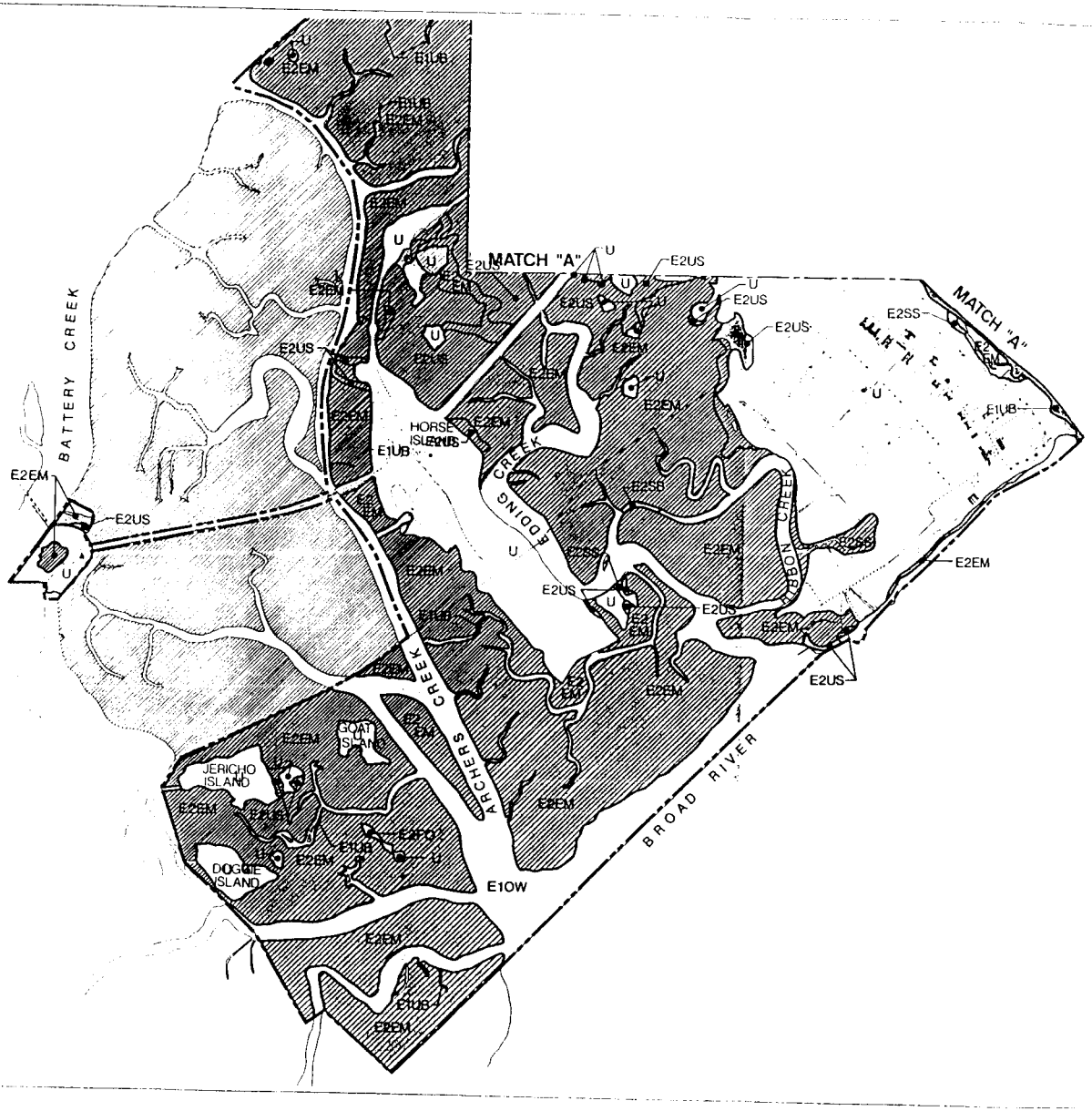
MF = Muhlenbergia filipes

CF = Canna flaccida

MASTER PLAN

MARINE CORPS RECRUIT DEPOT

PARRIS ISLAND, SOUTH CAROLINA



WETLANDS

E2EM	ESTUARINE, INTERTIDAL, EMERGENT
E2US	ESTUARINE, INTERTIDAL, UNCONSOLIDATED SHORE
E2SS	ESTUARINE, INTERTIDAL, SCRUB SHRUB
E2FO	ESTUARINE, INTERTIDAL, FOREST
E1UB	ESTUARINE, SUBTIDAL, UNCONSOLIDATED BOTTOM
E1OW	ESTUARINE, SUBTIDAL, OPEN WATER
E2SB	ESTUARINE, INTERTIDAL, STREAMBED
PEM	PALUSTRINE, EMERGENT
PFO	PALUSTRINE, FOREST
PUB	PALUSTINRE, UNCONSOLIDATED BOTTOM
PSS	PALUSTRINE, SCRUB-SHRUB
U	UPLAND
[ ]	APPROXIMATE COE JURISDICTIONAL AREAS

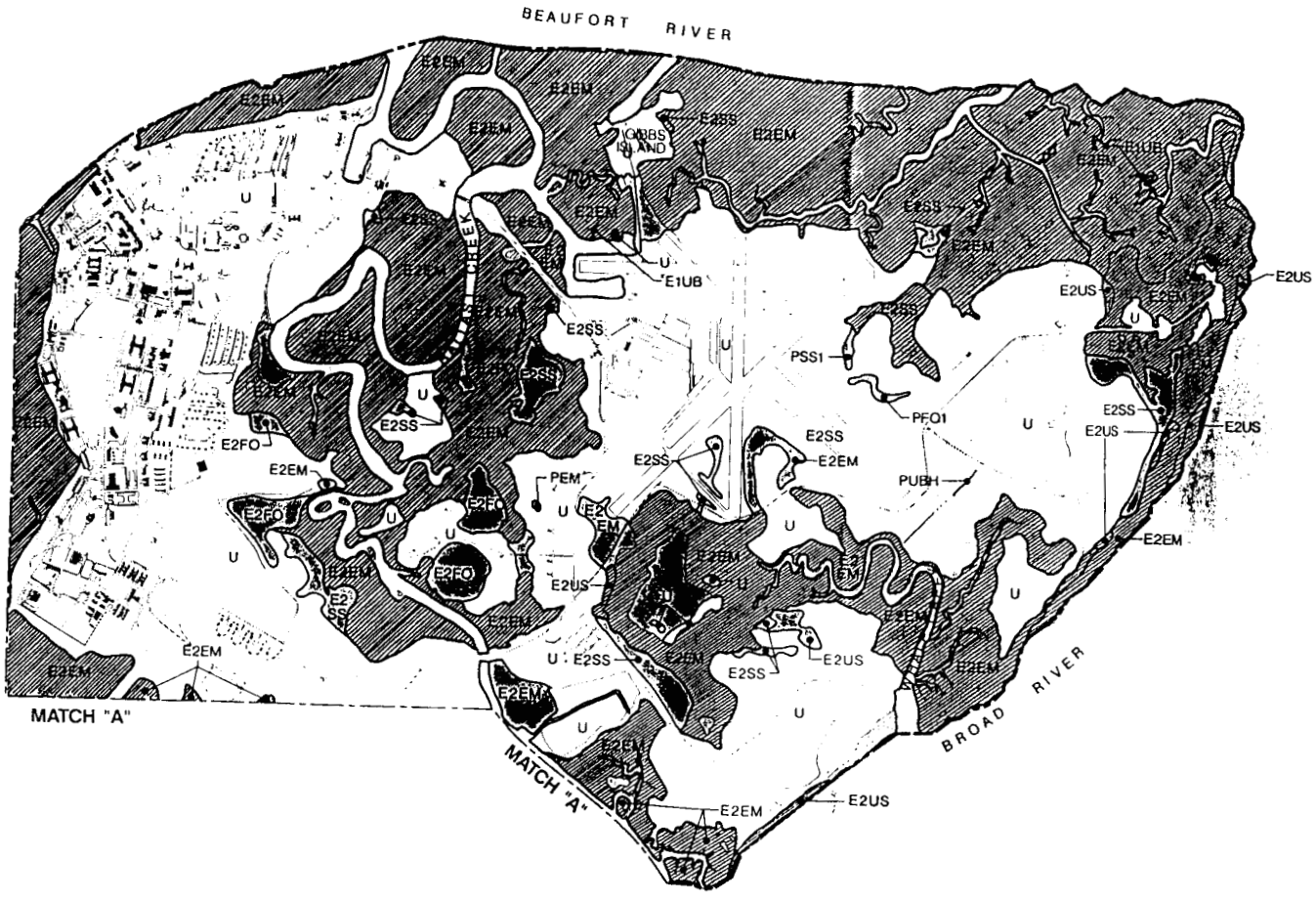
0 500 1000 2000 3000
SCALE IN FEET

Plate III-5W

MASTER PLAN

MARINE CORPS RECRUIT DEPOT

PARRIS ISLAND, SOUTH CAROLINA



WETLANDS

E2EM	ESTUARINE, INTERTIDAL, EMERGENT
E2US	ESTUARINE, INTERTIDAL, UNCONSOLIDATED SHORE
E2SS	ESTUARINE, INTERTIDAL, SCRUB SHRUB
E2FO	ESTUARINE, INTERTIDAL, FOREST
E1UB	ESTUARINE, SUBTIDAL, UNCONSOLIDATED BOTTOM
E1OW	ESTUARINE, SUBTIDAL, OPEN WATER
E2SB	ESTUARINE, INTERTIDAL, STREAMBED
PEM	PALUSTRINE, EMERGENT
PFO	PALUSTRINE, FOREST
PUB	PALUSTINRE, UNCONSOLIDATED BOTTOM
PSS	PALUSTRINE, SCRUB-SHRUB
U	UPLAND
	APPROXIMATE COE JURISDICTIONAL AREAS

0 500 1000 2000 3000
SCALE IN FEET

Plate III-5E

MASTER PLAN

MARINE CORPS RECRUIT DEPOT

PARRIS ISLAND, SOUTH CAROLINA

Calculation For FY93 Air Emission: Reported in FY94

Bldg 160 – Main Power Plant

source: Boilers (x 4)

mat'l used: Natural Gas (NG)

#6 Fuel Oil (F.O.)

Note! NG fired boilers exempt!

Equation 1: $ER = \frac{uf}{2000}$ ER = emission rate

Annual usage = u = NG = 602,093 mmcf

pollutant emitted!

PM_{10}	f = 5.0 lb/mmcf
NO_x	f = 140.0 lb/mmcf
SO_x	f = 0.6 lb/mmcf
CO	f = 35.0 lb/mmcf
VOC	f = 2.8 lb/mmcf

$ER_{PM_{10}NG} = \frac{(602{,}093\ mmcf)(5.0\ lb/mmcf)}{2000} = 1.505\ TPY$

$ER_{NO_x NG} = \frac{(602{,}093)(140)}{2000} = 42.15\ TPY$

$ER_{SO_x NG} = \frac{(602{,}093)(.6)}{2000} = .181\ TPY$

$ER_{CO NG} = \frac{(602{,}093)(35.0)}{2000} = 10.54\ TPY$

$ER_{VOC NG} = \frac{(602{,}093)(2.8)}{2000} = 0.84\ TPY$

Annual usage = u = FO = 1500 gallons

pollutant emitted!

PM_{10}	f = 10 lb/KGAL
NO_x	f = 55.0 lb/KGAL
SO_x	f = 392.5 lb/KGAL)
CO	f = 5.0 lb/KGAL)
VOC	f = 0.28 lb/KGAL

$ER_{PM_{10}FO} = \frac{(1500)(10\ lb/10E3\ gal)}{2000} = .0075\ TPY$

$ER_{NO_x FO} = \frac{(1500)(.055)}{2000} = .041\ TPY$

$ER_{SO_x FO} = \frac{(1500)(.3925)}{2000} = .294\ TPY$

$ER_{CO FO} = \frac{(1500)(.005)}{2000} = .0038\ TPY$

$ER_{VOC FO} = \frac{(1500)(.00028)}{2000} = .0002\ TPY$

Total Emission from burning #6 F.O., NG exempt

TE = .3465 TPY products of combustion

Bldg 1012: WB Steam Plant:

source type: Boilers (x3)

mat'l used: NG = u = 82,871 mcf

#6 FO = u = 588 gallons

Equation: $ER = \frac{uf}{2000}$

pollutant emitted for NG		pollutant emitted for #6 FO:	
PM_{10}	f = 5.0 lb/mmcf	PM_{10}	f = 10 lb/KGAL
NO_x	f = 140.0 lb/mmcf	NO_x	f = 55.0 lb/KGAL
SO_x	f = 0.6 lb/mmcf	SO_x	f = 392.5 lb/KGAL
CO	f = 35.0 lb/mmcf	CO	f = 5.0 lb/KGAL
VOC	f = 2.8 lb/mmcf	VOC	f = 0.28 lb/KGAL

$ER_{PM_{10}NG} = \frac{(82,871)(5)}{2000} = .207$ TPY

$ER_{NO_x NG} = \frac{(82,871)(140)}{2000} = 5.80$ TPY

$ER_{SO_x NG} = \frac{(82,871)(0.6)}{2000} = .0249$ TPY

$ER_{CO_{NG}} = \frac{(82,871)(35)}{2000} = 1.450$ TPY

$ER_{VOC_{NG}} = \frac{(82,871)(2.8)}{2000} = .116$ TPY

$ER_{PM_{10FO}} = \frac{(588)(.01)}{2000} = .0029$ TPY

$ER_{NO_x FO} = \frac{(588)(.055)}{2000} = .0162$ TPY

$ER_{SO_x FO} = \frac{(588)(.3925)}{2000} = .1154$ TPY

$ER_{CO_{FO}} = \frac{(588)(.005)}{2000} = .0015$ TPY

$ER_{VOC_{FO}} = \frac{(588)(.0003)}{2000} = .0001$ TPY

Total Emission from burning #6 FO, NG exempt

TE = .1361 TPY, products of combustion

(3)

(B) Bldg 193: Dry Cleaning Facility

source: washers (x2)

mat'l used: perchloroethylene (HAP)

[redacted]

[redacted] [redacted] FIG3

Equation 2: $ER = \frac{cf}{2000}$ $f = 4.0$ lb per / 100 lb clothes

$(2100 \text{ lb/day})(5 \text{ day/wk})(52 \text{ wk/yr}) = 546{,}000$ lb cloth/yr

$ER_{perc} = \frac{(546{,}000)(4.0/100)}{2000}$

[redacted]

$ER_{HAP} = 10.92$ TPY

since solvent content = 100%

(D) Bldg 450: FMEO Paint Shop: [redacted]

source: paint spray booth

mat'l used: Latex semigloss = u = 7.75 gal/yr

Latex flat = u = 1 gal/y

white shellac = u = 5.75 gal/yr

Industrial enamel = u = 8.0 gal/yr

Alkyd undercoat = u = 9.5 gal/yr

Polyurethane Varnish = u = 5.0 gal/yr

Varsol-18 = u = 20.75 gal/yr

Denatured Alcohol = u = 3.5 gal/yr

Lacquer thinner = u = 2.5 gal/yr

pollutant emitted

VOC — f = none for all pollutant emitted

PM_{10} — need MSDS for ρ & volatile content etc

HAPs : (1) Toluene
(2) Xylene
(3) Ethyl benzene
(4) 1,1,1 Trichloroethane
(5) Tetrachloroethane
(6) Ethylene Glycol
(7) methyl Alcohol
(8) Cr (III)

Equation 3: for VOC / HAPs : $E_{VOC/HAP} = \frac{UC\rho}{2000}$

Equation 3a: for PM_{10} only

$$E_{PM_{10}} = \frac{[U\rho(1-C)O][100-\eta/100]}{2000}$$

• Latex Semigloss

U = 7.75 gal/yr
ρ = 10.29 lb/gal
C = 67%
Sut = .005 HAP(6)
O = 65%
η = 95%

$E_{VOC} = \frac{(7.75)(10.29)(.67)}{2000} = 53.43$ lb/yr ÷ 2000 = .0267 TPY

$E_{HAP(6)} = (.0267)(.005) = .0001$ TPY

$E_{PM_{10}} = (7.75)(10.29)(1-.67)(.65)(.05) = .8553$ lb/yr
= .0004 TPY

• Latex Flat

U = 1 gal/yr
ρ = 11.32 lb/gal
C = 61.7%
wt% HAP(6) = .05

$E_{VOC} = \frac{(1)(11.32)(.617)}{2000} = .0035$ TPY

$E_{HAP(6)} = (.0035)(.05) = .0002$ TPY

$E_{PM_{10}} = \frac{(1)(11.32)(1-.617)(.65)(.05)}{2000} = .0001$ TPY

• White Shellac

$u = 5.75$ gal/yr
$\rho = 9.94$ lb/yr
$c = 68\%$
wt % HAP(7) = .04

$$E_{VOC} = \frac{(5.75)(9.94)(.68)}{2000} = .0194 \text{ TPY}$$

$$E_{HAP(7)} = (.0194)(.04) = .0008 \text{ TPY}$$

$$E_{PM_{10}} = \frac{(5.75)(9.94)(1-.68)(.65)(.05)}{2000}$$

$$E_{PM_{10}} = .0003 \text{ TPY}$$

• Industrial Enamel

$u = 8.0$ gal/yr
$\rho = 9$ lb/gal
$C \approx 67.5\%$
% wt HAP(8) = .023

$$E_{VOC} = \frac{(8.0)(9)(.675)}{2000} = .0249 \text{ TPY}$$

$$E_{HAP(8)} = (.0249)(.023) = .0006 \text{ TPY}$$

$$E_{PM_{10}} = \frac{(8)(9)(1-.675)(.65)(.05)}{2000} = .0004 \text{ TPY}$$

• Alkyd Undercoat

$u = 9.5$ gal/yr
$\rho = 11.49$ lb/gal
$C = 42.5\%$
NO HAPs

$$E_{VOC} = \frac{(9.5)(11.49)(.425)}{2000} = .0232 \text{ TPY}$$

$$E_{PM_{10}} = \frac{(9.5)(11.49)(1-.425)(.65)(.05)}{2000}$$

$$E_{PM_{10}} = .0010 \text{ TPY}$$

Varsol-18

$u = 20.75$ gal/yr
$\rho = (.80)(62.4 \frac{lb}{ft^3})(\frac{ft^3}{7.48 gal}) = 6.67$ lb/gal
SG = .8
$C = 100\%$
wt HAP(1) = 4%
HAP(2) = .8%
HAP(3) = .2%

$$E_{VOC} = \frac{(20.75)(6.67)(1)}{2000} = .0692 \text{ TPY}$$

$$E_{HAP(1)} = (.0692)(.04) = .0028 \text{ TPY}$$

$$E_{HAP(2)} = (.0692)(.008) = .0006 \text{ TPY}$$

$$E_{HAP(3)} = (.0692)(.002) = .0001 \text{ TPY}$$

$E_{PM_{10}}$ = None

Lacquer Thinner

$u = 2.5$ gal/hr
$\rho = 7.51$ lb/gal
$SG = .9$
$C = 100\%$
None = PM_{10}
HAP(1) %wt = .45
HAP(7) %wt = .05

$E_{VOC} = \frac{(2.5)(7.51)(1)}{2000} = .0094$ TPY

$E_{HAP(1)} = (.0094)(.45) = .0042$ TPY
$E_{HAP(7)} = (.0094)(.05) = .0005$ TPY

Denatured alcohol

$\rho = 6.74$ lb/gal
$u = 3.5$ gal/hr
$C = 100\%$
NO PM_{10}
% wt $HAP_{(7)} = .55$

$E_{VOC} = \frac{(3.5)(6.74)(1)}{2000} = .0118$ TPY

$E_{HAP(7)} = (.55)(.0118) = .0065$ TPY

Total VOC = .1881 TPY
PM_{10} = .0049 TPY
HAPs = .0174 TPY

5) Bldg 6001 - Armory

source - Degreasing operations
- Use of Cleaners

mat'l used: • safety klean solvent
• CLP

CLP

U = 15 gal/yr
VOC = 26.0%
SG = .9
ρ = 7.51 lb/gal
wt% HAP(4) = 1,1,1 TCE = 20%

$E_{VOC} = \frac{(15)(7.51)(.26)}{2000} = .0146$ TPY

$E_{HAP(4)} = (.20)(.0146) = .0029$ TPY

safety Klean Solvent

SG = .8
ρ = 6.67 lb/gal
VOC = 6.62 lb/gal
% volatile = 99.9%
mw = 142
% wt HAP(1) = .5%
(2) = 1.0%
(3) = .5%
(4) = .5%
(5) = .5%

U = 747 gal/yr

$E_{VOC} = \frac{(747)(.999)(6.67)}{2000} = 2.489$ TPY

$E_{HAP(1)} = (2.489)(.005) = .0124$ TPY
$E_{HAP(2)} = (2.489)(.01) = .0249$ TPY
$E_{HAP(3)} = (2.489)(.005) = .0124$ TPY
$E_{HAP(4)} = (2.489)(.005) = .0124$ TPY
$E_{HAP(5)} = (2.489)(.005) = .0124$ TPY
Total HAPs = .0745 TPY

This general information on safety klean solvent to be used at #5 → 10 sources.

Bldg 864 - Maintenance Tool Shop (EMEC)

mat'l used: Safety Klean solvent

u = 30 gal/yr

$$E_{VOC} = \frac{(30)(.999)(6.67)}{2000}$$

$$= .0999 \text{ TPY}$$

$E_{HAP(1)} = (.0999)(.005) = .0005$ TPY

$E_{HAP(2)} = (.0999)(.01) = .0010$ TPY

$E_{HAP(3)} = (.0999)(.005) = .0005$ TPY

$E_{HAP(4)} = (.0999)(.005) = .0005$ TPY

$E_{HAP(5)} = (.0999)(.005) = .0005$ TPY

Total HAPs = .003 TPY

Bldg 12 - Auto Hobby Shop

mat'l: Safety Klean Solvent

u = 110 gal/yr

$$E_{VOC} = \frac{(110)(.999)(6.67)}{2000} = .3665 \text{ TPY}$$

$E_{HAP(1)} = (.3665)(.005) = .0018$ TPY

$E_{HAP(2)} = (.3665)(.01) = .0037$ TPY

$E_{HAP(3)} = (.3665)(.005) = .0018$ TPY

$E_{HAP(4)} = (.3665)(.005) = .0018$ TPY

$E_{HAP(5)} = (.3665)(.005) = .0018$ TPY

Total HAPs = .0109 TPY

Bldg 155 - Motor Transport

mat'l used: Safety Klean Solvent

u = 235 gal/yr

$$E_{VOC} = \frac{(235)(.999)(6.67)}{2000} = .7829 \text{ TPY}$$

$E_{HAP(1)-HAP(3)(4)(5)} = (.005)(.7829) = .0039$ TPY

$E_{HAP(2)} = (.01)(.7829) = .0078$ TPY

E(

Total HAPs = (.0039)(4) + .0078 = .02[illegible] TPY

9) Bldg 765 – Weapons Battalion

mat'l – Safety Klean solvent

$u = 22$ gal/yr

$$E_{VOC} = \frac{(22)(.999)(6.67)}{2000} =$$

$= .0733$ TPY

$E_{HAP(1)} = (.0733)(.005) = .0004$ TPY

$E_{HAP(2)} = (.0733)(.01) = .0007$ TPY

$E_{HAP(3)} = (.0733)(.005) = .0004$ TPY

$E_{HAP(4)} = (.0733)(.005) = .0004$ TPY

$E_{HAP(5)} = (.0733)(.005) = .0004$ TPY

Total HAPs = .0023 TPY

10) Bldg 1045 – WB A-line

mat'l – Safety Klean Solvent

$u = 1233$ gal/yr

$$E_{VOC} = \frac{(1233)(.999)(6.67)}{2000} = 4.107 \text{ TPY}$$

$E_{HAP(1)-(3)(4)(5)} = (.005)(4.107) = .0205$ TPY

$E_{HAP(2)} = (.01)(4.107) = .0411$ TPY

Total HAPs = $(4)(.0205) + (.041) = .1231$ TPY

Bldg 170 – Gov't Vehicle Gas Station

source: refueling ops

mat'l: Unleaded Gas (UL) $u = 119{,}070$ gal

Diesel $u = 78{,}155$ gal

$f = 19.3$ lb/gal 10^3

Equation 4: $E = \frac{T \times f}{2000}$

$$\therefore E_{UL\,VOC} = \frac{(119{,}070)\left(\frac{19.3 \text{ lb}}{10^3 \text{ gal}}\right)}{2000} = 1.149 \text{ TPY}$$

$$E_{Diesel\,VOC} = \frac{(78{,}155)\left(\frac{19.3 \text{ lb}}{10^3 \text{ gal}}\right)}{2000} = .7542 \text{ TPY}$$

2) Bldg 404 – Exchange gas station
mat'l - UL gas $u = 948{,}419$ gal

$$E_{VOC} = \frac{(948{,}419\ \text{gal/yr})\left(\frac{19.3\ \text{lb}}{103\ \text{gal}}\right)}{2000} = 9.15\ \text{TPY}$$

Bldg 11 – Reproduction/Printing
mat'ls used: • Bunkrola = $u = 10$ gal/yr
Equation 5: $E = \frac{u \times \rho \times \%VOC}{2000}$
SG = .97
$\rho = 8.09$ lb/gal
VOC = 100%
% wt HAP (5) = 2.5%

• Black Ink
$u = 2.0$ gal/yr
VOC = .42 lb/gal
$\rho = 8.34$ lb/gal
No HAPS

• Deglazing solvent =
$u = 2.0$ gal/yr
$\rho = 10.93$
VOC = 10.9 lb/gal
% wt HAP (4) = 96%

• Dispersant: $u = 3.0$ gal/yr
$\rho = 6.26$ lb/gal
VOC = 6.3 lb/gal
No HAPS

Liquid Developer: $u = 3.0$ gal/yr
$\rho = 6.26$ lb/gal
VOC = 6.2 lb/gal
No HAPS

• Bunkrola: $E_{VOC} = \frac{(10\ \text{gal/yr})(8.09\ \text{lb/gal})(1.00)}{2000} = .4045$ TPY
$E_{HAPS(5)} = (.25)(.4045) = .1011$ TPY

Deglazing solvent:
$E_{VOC} = \frac{(2)(10.93)(10.9)}{2000} = .1191$ TPY $E_{HAP(4)} = (.96)(.1191) = .1144$ TPY

Black Ink: $E_{VOC} = \frac{(2.0\ \text{gal/yr})(8.34)(.42)}{2000} = .0035$ TPY

Dispersant: $E_{VOC} = \frac{(3.0)(6.26)(6.3)}{2000} = .0592$ TPY
$E_{VOC} = \frac{(3.0)(6.26)(6.2)}{2000} = .0582$ TPY

Emergency Generators

Equation 6: $E = \frac{f \times P \times H \times LF}{908{,}000} \times$ Number of same size generators

2 @ 150 kWh	$u_{Total} = 6{,}481$ gal	$H_T = 925.9$
2 @ 276 kWh	$u_{Total} = 3288$ gal	$H_T = 365.4$
1 @ 137.5 kWh	$u = 125$ gal	$H = 25.0$
1 @ 200 kWh	$u = 212$ gal	$H = 23.6$

$f_{pm_{10}} = 1.34$ g/kWh

$f_{SO_2} = 1.25$ g/kWh

$f_{NO_x} = 18.8$ g/kWh

$f_{CO} = 4.06$ g/kWh

$f_{VOC} = 1.5$ g/kWh

LF = 1

2 @ 150

$$E_{pm} = (2 @ 150) = \frac{(1.34)(150)(925.9)(1)}{908{,}000} \times 2 = \boxed{.4099 \text{ TPY}}$$

$$E_{SO_2} = (2 @ 150) = \frac{(1.25)(150)(925.9)(1)}{908{,}000} \times 2 = \boxed{.3824 \text{ TPY}}$$

$$E_{NO_x} = (2 @ 150) = \frac{(18.8)(150)(925.9)(1)}{908{,}000} \times 2 = \boxed{5.75 \text{ TPY}}$$

$$E_{CO} = (2 @ 150) = \frac{(4.06)(150)(925.9)(1)}{908{,}000} \times 2 = \boxed{1.242 \text{ TPY}}$$

$$E_{VOC} = (2 @ 150) = \frac{(1.5)(150)(925.9)(1)}{908{,}000} \times 2 = \boxed{.458 \text{ TPY}}$$

2 @ 276

$$E_{pm} = \frac{(1.34)(276)(365.4)(1)(2)}{908{,}000} = .2977 \text{ TPY}$$

$$E_{SO_2} = \frac{(1.25)(276)(365.4)(1)(2)}{908{,}000} = .2777 \text{ TPY}$$

$$E_{NO_x} = \frac{(18.8)(276)(365.4)(1)(2)}{908{,}000} = 4.176 \text{ TPY}$$

$$CO = \frac{(4.06)(276)(365.4)(1)(2)}{908{,}000} = .9019 \text{ TPY}$$

$$E_{VOC} = \frac{(1.5)(276)(365.4)(1)(2)}{908{,}000} = .3332 \text{ TPY}$$

1 @ 137.5

$$E_{pm} = \frac{(1.34)(137.5)(25)(1)(1)}{908{,}000} = .0051 \text{ TPY}$$

$$E_{SO_2} = \frac{(1.25)(137.5)(25)(1)(1)}{908{,}000} = .0047 \text{ TPY}$$

$$E_{NO_x} = \frac{(18.8)(137.5)(25)(1)(1)}{908{,}000} = .0712 \text{ TPY}$$

$$E_{CO} = \frac{(4.06)(137.5)(25)(1)(1)}{908{,}000} = .0154 \text{ TPY}$$

$$E_{VOC} = \frac{(1.5)(137.5)(25)(1)(1)}{908{,}000} = .0057 \text{ TPY}$$

@ 200

$$E_{pm} = \frac{(1.34)(23.6)(200)(1)(1)}{908{,}000} = .0070 \text{ TPY}$$

$$E_{SO_2} = \frac{(1.25)(200)(23.6)(1)(1)}{908{,}000} = .0065 \text{ TPY}$$

$$E_{NO_x} = \frac{(18.8)(200)(23.6)(1)(1)}{908{,}000} = .0977 \text{ TPY}$$

$$E_{CO} = \frac{(4.06)(200)(23.6)(1)(1)}{908{,}000} = .0211 \text{ TPY}$$

$$E_{VOC} = \frac{(1.5)(200)(23.6)(1)(1)}{908{,}000} = .0074 \text{ TPY}$$

Totals for FY93 Air Emission =

Total PM_{10}	=	3.294	TPY
NO_x	=	58.102	TPY
SO_2	=	1.287	TPY
CO	=	74.176	TPY
VOC	=	21.586	TPY
$HAPs$	=	11.312	TPY

Document Separator

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

J. W. Klimp
NAME (Please type of print)

Signature

Commanding General
Title

27 May 94
Date

Marine Corps Recruit Depot/Eastern Recruiting Region
Activity : Parris Island, South Carolina
Data Call # 33

Data Call 33
MCRD PARRIS ISLAND, SC

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.
NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

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
NAME (Please type or print) DEPUTY CHIEF OF STAFF FOR INSTALLATIONS AND LOGISTICS _____ Signature _____

Title _____ Date 9/12/94

BRAC-95 CERTIFICATION

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

Suzanne Sanborn Rushing
NAME (Please type or print)

Suzanne Sanborn Rushing
Signature

Deputy NREAO
Title

May 24, 1994
Date

Natural Resources Environmnetal Affairs
Division

AC/S G-4 USMC
Department

MCRD/ERR Parris Island, SC
Activity

Data Call #33

Enclosure (1)

Document Separator

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DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Marine Corps Recruit Depot, Parris Island, South Carolina
UIC:	M00263
Host Activity Name (if response is for a tenant activity):	N/A
Host Activity UIC:	N/A

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

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

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

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

*** see attached graph on following page ***

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)

Activity Name: MCRD PISC (see attached page) | **UIC:** M00263

Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	2,210	7,193	9,403
1b. Minor Construction	141	0	141
1c. Sub-total 1a. and 1b.	2,351	7,193	9,544
2. Other Base Operating Support Costs:			
2a. Utilities	1,968	1,205	3,173
2b. Transportation	86	1,488	1,574
2c. Environmental	437	357	794
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	451	670	1,121
2f. Bachelor Quarters	11	208	219
2g. Child Care Centers	20	393	413
2h. Family Service Centers	4	150	154
2i. Administration	364	2,918	3,282

DATA CALL 66
INSTALLATION RESOURCES

2j. Other (Specify) Security Band Supply Operations Food Services Legal Assistance Communications Safety Ordnance ADP Support TQL Education Substance Abuse Public Affairs Religious Ministries Fire Protection Engineering Support Audiovisual Support Fiscal Operations Command & Control FECA	931	24,982	25,913
2k. Sub-total 2a. through 2j:	4,272	32,371	36,643
3. Grand Total (sum of 1c. and 2k.):	6,623	39,564	46,187

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:

Appropriation	Amount ($000)
O&MMC	26,012

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 2l., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

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

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INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: (N/A - no DBOF activities)		**UIC:**	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)			
1b. Real Property Maintenance (<$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			

2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :			

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: MCRD PISC	**UIC:M00263**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	246
Material and Supplies (including equipment):	3,074
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0

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INSTALLATION RESOURCES

Other Purchases (Contract support, etc.):	3,303
Total:	6,623

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: MCRD PISC	**UIC:M00263**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	358.65
Facilities Support:	43
Mission Support:	51
Procurement:	179
Other:*	8
Total Workyears:	639.65

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

Other: Engineering support and technical services for the preparation of construction contract plans and specifications.

DATA CALL 66
INSTALLATION RESOURCES

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

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

540.65

2) Estimated number of workyears which would be eliminated:

14 + 85* = 99

*PW workyears to be eliminated, assuming the receiving site would not require the same construction as Parris Island

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):

0

DATA CALL 66
INSTALLATION RESOURCES

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

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
28	Household moving services/dry cleaning services/bus services
42	Maintenance agreement contracts and recreational support contracts
Total: 70	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
None	N/A

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: MCRD/ERR PARRIS ISLAND SC.

PAGE (S): ALL

BSWG REVIEW OFFICIAL

W. J. WALLENHORST
NAME (Please type or print)

Signature

Fiscal Division
Title

31 OCT 1994
Date

MCRD/ERR PARRIS ISLAND

DATA CALL 66

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

NEXT ECHELON LEVEL (if applicable)

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
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

NAME (Please type or print _____ Signature _____

Title _____ Date 10/21/94

Document Separator

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DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Activity Name:	MCRD Parris Island, South Carolina
UIC:	M00263
Major Claimant:	Headquarters, U.S. Marine Corps

General Instructions/Background:

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze

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

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

by the certifying official to clearly document the source of any non-DoD information submitted for this data call.
General Instructions/Background (Continued):

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

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

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

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

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

1. Workforce Data

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

Average Appropriated Fund Civilian Salary Rate:	$31,178.40

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.a. Salary Rate):DCPDS/Joanne Niemiec
AC/S, Comptroller, Maj D.A. Brabant

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			
Beaufort	SC	1996	381	.80	10	20
Charleston	SC	14	8	.02	67	90
Colleton	SC	11	23	.05	40	55
Jasper	SC	6	22	.05	20	30
Hampton	SC	20	21	.044	25	35
Other	SC / GA	7	19	.036	80	100

2528 = 100% 474 = 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: Beaufort County

Source of Data (1.b. 1) & 2) Residence Data):Depot HRO - Joanne Niemeic/Housing - Rose Raber/CSSF(G-1) - Maj Linn

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)
Savannah, GA	Chatham	47
Charleston, SC	Charleston	58
Columbia, SC	Richland	136
Charlotte, NC	Mecklenburg	240
Jacksonville, FL	Duval	180

Source of Data (1.c. Metro Areas):Greater Beaufort Chamber of Commerce and
Rand McNally Road Atlas/Joanne Niemiec

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	o	0
20 - 24 Years	3	1%
25 - 34 Years	82	17%
35 - 44 Years	186	39%
45 - 54 Years	147	31%
55 - 64 Years	53	11%
65 or Older	3	1%
TOTAL	474	100 %

Source of Data (1.d.) Age Data):DCPDS - Joanne Niemiec

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	31	6%
12th Grade or High School Equivalency	230	49%
1-3 Years of College	147	31%
4 Years of College (Bachelors Degree)	48	10%
5 or More Years of College (Graduate Work)	18	4%
TOTAL	474	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.)	35
Associate Degree	37
Bachelor Degree	50

Masters Degree	13
Doctorate	1

Source of Data (1.e.1) and 2) Education Level Data):DCPDS - Joanne Niemiec

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	147	31.01
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	5	1.05
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	5	1.05
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	67	14.14
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	4	.85

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4f. Communications	48	5	1.05
4g. Utilities	49	41	8.65
Sub-Total 4a. through 4g.	40-49	117	24.69
5. Services	70-89		
5a. Lodging Services	70	3	.63
5b. Personal Services (includes laundry and funeral services)	72	27	5.70
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	9	1.90
5d. Automotive Repair and Services	75	11	2.32
5e. Other Misc. Repair Services	76	3	.63
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	1	.21
5h. Health Services	80	1	.21
5i. Legal Services	81	3	.63
5j. Educational Services	82	0	0
5k. Social Services	83	21	4.43
5l. Museums	84	2	.42

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	12	2.54
5n. Other Misc. Services	89	0	0
Sub-Total 5a. through 5n.:	70-89	93	19.62
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	40	8.44
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	42	8.86
6c. Public Finance	93	11	2.32
6d. Environmental Quality and Housing Programs	95	19	4.01
Sub-Total 6a. through 6d.		112	23.63
TOTAL		474	100 %

Source of Data (1.f.) Classification By Industry Data):DCPDS - Jeff Foley

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	17	3.59
2. Professional Specialty		
2a. Engineers	6	1.27
2b. Architects and Surveyors	2	.42
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	11	2.32

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	1	.21
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	1	.21
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	21	4.43
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	14	2.95
Sub-Total 3a. and 3b.:	14	2.95
4. Administrative Support & Clerical	88	18.56
5. Services		
5a. Protective Services (includes guards, firefighters, police)	43	9.07
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	18	3.80
Sub-Total 5a. through 5d.	61	12.87
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	94	19.83
8. Construction Trades	101	21.31
9. Production Occupations	8	1.69
10. Transportation & Material Moving	49	10.34
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	21	4.43
TOTAL	474	100 %

Source of Data (1.g.) Classification By Occupation Data):DCPDS - Jeff Foley

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.

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:	57.2%
2. Percentage of Military Spouses Who Work Outside of the Home:	44%
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:	10.4%
3b. Employed "On-Base" - Non-Appropriated Fund:	8.3%
3c. Employed "Off-Base" - Federal Employment:	3.3%
3d. Employed "Off-Base" - Other Than Federal Employment	78%

Source of Data (1.h.):July 94 survey, Depot G-1 - Maj Linn

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.

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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	B	B
Schools - Public see Note 1.	A	B	C
Schools - Private see Note 2.	A	B	C
Public Transportation - Roadways Note 3.	A	A	A
Public Transportation - Buses/Subways	A	A	B
Public Transportation - Rail	A	A	A
Fire Protection	A	A	A
Police	A	B	B
Health Care Facilities see Note 4.	A	A	C
Utilities:			
Water Supply	A	A	A
Water Distribution	A*	A*	A*
Energy Supply	A	A	B
Energy Distribution	A	A	B
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
Recreational Activities see Note 5.	A	A	B.

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.

Note 1. Schools - Public: A new elementary school (Shanklin Elementary) in the Laurel Bay area is under construction and scheduled to open in the Fall of 1994. Middle schools and high schools will require substantial monies for land acquisition and construction of new school buildings. A 100% increase in personnel requires substantial local funding to acquisition additional land and build new schools.

Note 2. Schools - Private: Laurel Bay Schools (DOD Section 6 schools) require one new school with a 50% increase. Land is available, however, the time required to build depends upon approval of congressional appropriations for school funds. A 100% increase requires two new schools. Land is available, however, the time required to build depends upon approval of congressional appropriations for school funds.

Note 3. Public Transportation - Roadways: The new Battery Creek Bridge (Marine Corps Crossing) has been opened and major improvements to five thoroughfares (U.S./State highways) are nearing completion with five more scheduled for the next 3 - 5 years.

Note 4. Health Care Facilities: A 100% increase in personnel cannot be accommodated due to physical limitations and will require expansion of current staffing and facilities. This increase would require a substantial investment in construction and remodeling in order to service both the active duty and dependent populations. Beaufort Memorial Hospital has expanded and also increased the size of its medical staff. A new retirement care and nursing home has been built in the town of Port Royal.

Note 5. Recreational Activities: Employees and their families will have residence in Beaufort County. Recreational facilities will be provided for the most part by Beaufort County. Local pool facilities, ball fields, recreational areas and youth programs within Beaufort County are somewhat limited. It will require a substantial investment by the County to support an increase of 100% in additional employees and families.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (2.a. 1) & 2) - Local Community Table):Chamber of Commerce/Beaufort County Planning Board/Supe DOD Scools - Dr. Flanagan/Depot Housing - Rose Raber, MT Div Chief - Ssgt Brown, Fire Dept - Chief Jones, PMO - Lt Szarmach, BNH - LT Connor, FMEO - Robbie Bell, NREAO - Suzanne Rushing, MWR - Paul Smith, Beaufort City and Port Royal police Chiefs, Beaufort County Detention Facility

b. Ta/ble 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	B	B
Schools - Public Note 1.	A	B	C
Schools - Private Note 2.	A	B	C
Public Transportation - Roadways Note 3.	A	A	B
Public Transportation - Buses/Subways Note 4.	A	A	B
Public Transportation - Rail Note 5.	A	A	A
Fire Protection Note 6.	A	A	A
Police Note 7.	A	A	A
Health Care Facilities Note 8.	A	A	C
Utilities:			
Water Supply Note 9.	A	A	A
Water Distribution Note 9.	A*	A*	A*
Energy Supply Note 10.	A	A	A

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Category	20% Increase	50% Increase	100% Increase
Energy Distribution Note 10.	A	A	A
Wastewater Collection Note 11.	A*	A*	A*
Wastewater Treatment Note 11.	A*	A*	A*
Storm Water Collection	A*	A*	A*
Solid Waste Collection and Disposal Note 12.	A	A	A
Hazardous/Toxic Waste Disposal Note 13.	A	A	A
Recreation Facilities Note 14.	A	A	B

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

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

Note 1. Schools - Public: A new elementary school (Shanklin Elementary) in the Laurel Bay area is under construction and scheduled to open in the Fall of 1994. Middle schools and high schools will require substantial monies for land acquisition and construction of new school buildings.

Note 2. Schools - Private: Land is available, however, the time required to build depends upon approval of congressional appropriations for school funds.

Note 3. Public Transportation - Roadways: The public roadways can handle, without difficulty, increases up to approximately 80%. A 100% increase will require a number of road and bridge improvements within the region. Within the last three years, a new Battery Creek Bridge has been completed and opened and there are improvements to five major thoroughfares (U.S./State highways) nearing completion.

Note 4. Public Transportation - Buses/Subways: There are no subways in the region. Greyhound provides interstate bus service to the area. The Lowcountry Regional Transportation Authority (LRTA) provides buses to the five-county area (Beaufort, Jasper, Colleton, Hampton, and Allendale) on the major thoroughfares with its main destination as Hilton Head Island. A 100% increase would require additional vehicles for transport.

Note 5. Public Transportation - Rail: The Amtrak station is located in the town of Yemassee, SC, with the railroad tracks serving as the dividing corporate limits between Hampton County and Beaufort County, SC. This rail service also serves as a station for Colleton, Jasper, and Allendale Counties. The Amtrak station is located 22 miles north of the City of Beaufort, which is approximately the same distance from the Marine Corps Air Station, Parris Island Recruit Depot, and the U.S. Naval Hospital. This puts the railroad station closer to the Beaufort military installations than the railroad stations in many metropolitan areas. The Amtrak line at Yemassee has two northbound and two southbound trains daily. The line can add additional passenger and/or passenger vehicle (cars and trucks) railcars as needed.

Note 6. Fire Protection: Beaufort County has constructed four new fire stations within the last 12 to 18 months. However, any regional increase exceeding 50% would require additional firefighters and equipment. Increases of 100% or more, especially in the rural areas, would require additional facilities. Regional rural areas have an I.S.O. classification of 7/9. Class 7 is for all residential structures and

businesses within 4.3 miles of a fire station. All others are classified as a Class 9. When a classification changes from 9 to 7, the residents' insurance premiums of that area drop approximately 42%.

Note 7. Police: A new State prison has been constructed in Jasper County. This facility will open in FY 95 and will save the regional counties from having to transport prisoners to and from Columbia for trials, and/or other court and law enforcement functions. Additional law enforcement personnel have been added in the region in the last year.

Note 8. Health Care Facilities: A 100% increase in personnel cannot be accomodated due to physical limitations and will require expansion of current staffing and facilities at Parris Island. This increase would require a substantial investment in construction and remodeling in order to provide both the active duty and dependent populations. The U.S. Naval Hospital also serves a substantial number of retired military personnel from all branches of service in the region. Beaufort Memorial Hospital has expanded and also increased the size of its medical staff. It can handle any overflow that cannot be taken care of on base with the exception of complicated cases requiring highly sophisticated specialization. These specialized services are available in Savannah, GA. A new retirement and nursing home has been built in the Town of Port Royal next to the U.S. Naval Hospital. Regionally, there has been a cutback in EMS in Jasper County within the last year.

Note 9. Water Supply and Distribution: Bids are expected to be let for a new water supply and distribution system in eastern Jasper County and southwestern Beaufort County in the Fall of 1994. A new 20 inch distribution line is being constructed within one quarter mile of the U.S. Naval Hospital that will serve the eastern islands of Beaufort County.

Note 10. Energy Supply and Distribution: Plans are underway to construct a new natural gas transmission line to eastern Jasper and southwestern Beaufort Counties within the next 12 months.

Note 11. Wastewater Collection and Treatment: Plans are underway to provide wastewater collection and treatment to the Beaufort County Industrial Park directly east of the Marine Corps Air Station. New wastewater collection and treatment facilities are expected to go to bids before the end of Calendar Year 1994 for a wastewater collection system and treatment plant for eastern Jasper County and southwestern Beaufort County. The system is being designed to have an excess capacity.

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Note 12. Solid Waste Collection and Disposal: Although not permanent military personnel, the recruit population is considered to contribute significantly to the volume of waste generated. Therefore, a population of 6,000 was used as a baseline for Parris Island in this category. Currently, the Beaufort County landfill has a lifespan of 60 years, incorporating a 5% growth in the county population. Additionally, the Depot's waste minimization and recycling efforts reduce the impact on the local and regional infrastructure.

Note 13. Hazardous/Toxic Waste Disposal: Beaufort County has a HAZMAT Team and the equipment to handle hazardous and chemical spills and discharges. The program is coordinated with the State Department of Health and Environmental Control for handling and disposal, in conjunction with mutual support agreements with local bases.

Note 14. Recreational Activities: Recreational facilities for off-base military residents will be provided for the most part by Beaufort County and to some extent by the surrounding counties. A wide variety of opportunities exists for golfing, hunting, fishing, boating, tennis and other outdoor recreational activities. Local pools, ballfields, and some specialized youth programs within the region are somewhat limited due to location and lack of transportation. It will require a substantial investment to support an increase of greater than 50% in the region. Within the last 12 months, a new State Park has opened in Jasper County.

Source of Data (2.b. 1) & 2) - Regional Table):Chamber of Commerce/Beaufort County Planning Board/DOD Supe Schools - Dr. Flanagan/ Depot Housing - Rose Raber, MT Div Chief - SSgt Brown, Fire Dept - Chief Jones, PMO - Lt Szarmach, BNH - LT Connor, FMEO - Robbie Bell, NREAO - Suzanne Rushing, MWR - Paul Smith, Beaufort City and Port Royal Police Chiefs, Beaufort County Detention Center

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: 5%

Units for Sale: 3%

Source of Data (3.a. Off-Base Housing):Depot Housing - Rose Raber; Beaufort County Board of Realtors

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	
Laurel Bay	Beaufort	2	0	0	1162	1525	24 to 1	30 to 1	yes
Public	Beaufort	16	3	3	14,542	16,274	16 to 1	25 to 1	yes
Private	Beaufort	13	10	8	1,592	2,000	20 to 1	20 to 1	yes
(Other counties not included as per page 2, Note 2.)									

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

Source of Data (3.b.1) Education Table):Beaufort County Planning Board

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

Laurel Bay #1 and #2 -1,162 students enrolled.

Source of Data (3.b.2) On-Base Schools):DOD Supe Schools - Dr. Flanagan

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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 :

(Other counties besides Beaufort were not included per page 2, Note 2.)

PARK COLLEGE

BACHELOR OF SCIENCE:

- Computer Based Information Systems
- Criminal Justice Administration
- Business Management
- Aviation Management
- Computer Information Systems Management
- Health Care Management
- Human Resources Management
- Social Psychology

ASSOCIATE OF SCIENCE:

- Computer Science
- Criminal Justice Administration
- Business Management
- Aviation Management
- Social Psychology

UNIVERSITY OF SOUTH CAROLINA AT BEAUFORT

BACHELOR OF SCIENCE AND ARTS:

- Business Administration
- Nursing
- Early Childhood Education
- Interdisciplinary Studies

ASSOCIATE DEGREES:

- Liberal Arts
- Associate of Arts
- Associate of Science

WEBSTER UNIVERSITY - GRADUATE DEGREES

- MA in Business
- MA in Management
- Master in Business Administration

LIMESTONE COLLEGE

Source of Data (3.b.3) Colleges):MCAS S-1, MGYSGT COHEE

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:

TECHNICAL COLLEGE OF THE LOWCOUNTRY
Associate Degrees in 13 Technical Categories:

Automotive Technology
Computer Technology
Business/Hospitality
Legal Technology
Criminal Justice
Nursing
General Technology
Building Construction
Tennis Management
Heating and AC
Electronics Technology
General Business
Office Systems

Source of Data (3.b.4) Vo-tech Training):MCAS S-1, MGYSGT COHEE

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):Chamber of Commerce

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 is located at Yemassee, SC 22 miles north of Beaufort.

Source of Data (3.c.2) Transportation):Chamber of Commerce

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.

Savannah International Airport, Savannah, GA is located 45 miles south of Beaufort.

Source of Data (3.c.3) Transportation):Omega World Travel Agency

4) How many carriers are available at this airport?

Five: Delta, United, American, USAir, and Value Jet.

Source of Data (3.c.4) Transportation):Omega World Travel Agency

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

I-95 Northbound is accessed 28 miles from Beaufort, SC. I-95 Southbound is accessed 36 miles from Beaufort, SC. (There is no local single interchange or on-ramp accessing I-95 in both directions.)

Source of Data (3.c.5) Transportation):Depot Motor Transport Division - SSgt Brown

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.)

Even during peak periods, the quality and capacity of road systems providing access to Parris Island are adequate. One set of four lanes leads in from the south and one set of two lanes leads in from the north. If one set is closed off, all personnel can access the other set of roads without causing undue congestion or traffic problems. The new Marine Corps Crossing (Bell Memorial Bridge) completed within the past 12 months
guides only Parris Island traffic to the Depot gate. This means extraneous traffic never crosses the Parris Island access road or off-ramp. The Depot has one gate located at the end of the off-ramp of Marine Corps Crossing.

b) Do access roads transit residential neighborhoods? No.

c) Are there any easements that preclude expansion of the access road system? No.

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)? No. Within the past 12 months, the two lane road approaching Parris Island from the south expanded to four lanes with turn lanes and an additional traffic light. The old Battery Creek Bridge has been completely removed and replaced with the Bell Memorial Bridge.

Source of Data (3.c.6) Transportation):SC State Highway Department

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.

A mutual aid agreement exists between MCRD and all major fire departments in Beaufort County. A separate mutual aid agreement/ISSA exists between MCRD and MCAS for both fire and hazardous materials incidents. The agreements specify response of the closest available, capable station to any incident in Beaufort County. MCAS has the primary responsibility to handle hazardous materials incidents. MCRD is a first responder for HAZMAT incidents aboard the Depot. MCRD assists MCAS whenever an incident occurs at MCRD.

Source of Data (3.d. Fire/Hazmat):Parris Island Fire Chief Jones; ISSA

e. **Police Protection.**

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

There are three types of jurisdiction governing Marine Corps Recruit Depot, Parris Island: (1) exclusive jurisdiction of the Federal Government, (2) concurrent jurisdiction of both the Federal Government and the State of South Carolina, and (3) proprietary jurisdiction, the Federal Government having ownership and control during operational hours, but no jurisdiction. The type of jurisdiction applied generally depends upon when the parcel of land was acquired.

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.

The Federal Government has exclusive jurisdiction over the "Main Gate", to include South Carolina Highway 280, the Causeway (100 feet on both sides of the

centerline), the Burton Well Field, and Parris Island proper and contiguous islands to the high water mark. The exception to the majority of Parris Island being exclusive jurisdiction are eight parcels of land acquired after 1908 which are concurrent jurisdiction. These parcels are located within the historic district of Parris Island (Quarters #1, Dry Dock, Steam Plant, etc.) The parcels designated as the rifle and pistol range impact areas are proprietary jurisdiction.

There are no agreements for local law enforcement protection.

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

No. However, there is a policy directive by the County of Beaufort in which the Detention Center will make every effort to cooperate with military authorities to ensure proper accountability of service members who are incarcerated.

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

Not applicable.

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.

Not applicable. The only law enforcement officials providing support to Parris Island are the U.S. Federal Marshals and the Department of Justice. The Depot utilizes the U.S. Marshals to turn over civilians committing crimes aboard the Depot. However, the DOJ appoints a Special Assistant U.S. Attorney (Judge Advocate) to prosecute these civilians and provides support through supervisory assistance of the U.S. Attorneys in Charleston, SC. No written agreement exists covering these services.

Source of Data (3.e. 1) - 5) - Police):Depot PMO - Lt Szarmach/SJA - Capt Schemerhorn and Col Bengier/Real Estate Summary Map (Jurisdiction) undtd and prepared by DON (SODIVNAVFAC)/FEC DWG No. 5104824/Beaufort County policy Directive for Handling Military Inmates

f. **Utilities.**

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.

Water - The Depot has a contract with the Beaufort - Jasper Water Authority, negotiated by SOUTHDIVNAVFAC, to receive water on demand without restriction. The Depot can receive double its current demand without complications.

Sludge and housing refuse - The Depot has a contract with Laidlaw to remove sludge and housing refuse on demand without restriction.

Electricity - The Depot has a contract with SCE&G, negotiated by SOUTHDIVNAVFAC, to receive electricity on demand without restriction.

Natural gas - The Depot has an interruptible contract with SCE&G, negotiated by SOUTHDIVNAVFAC, to receive natural gas.

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):Depot FMEO - Robbie Bell, SCE&G

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.MCAS Beaufort	Military	3,575
2.MCRD Parris Island	Military - Recruit Training	2,666
3.Beaufort County School District	Elementary and Secondary Schools	2,000
4.County of Beaufort	Executive, Legislative and General Governmrent	780
5.Beaufort Naval Hospital	Medical/Surgical Hospital	634
6.Hyatt Hotels	Hotel Chain	575
7.Sea Pines Plantation Company	Hotel, Restaurants, Recreation	537
8.Beaufort Memorial Hospital	Medical/Surgical Hospital	520
9.The Westin Resort	Hotel	505
10.Technical College of the Lowcountry	Technical/Vocational Training Center	468

Source of Data (4. Business Profile):Beaufort Employment Security Commission

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:

Although the area has not had a loss of a major employer in the past five years, 36 retail businesses closed. 28 of these closed during the time of Desert Shield/Storm.

b. Introduction of New Businesses/Technologies:

In the past five years, 41 new retail businesses have opened. Completion of a new sewer system can now support new industries. An enhanced Emergency 911 telephone capability is in place in the Greater Beaufort area. New construction plans are underway for a Beaufort County Library, Beaufort City Hall, Federal Court Building and a waterfront Park Place. Walmart opened a new 90,000 sq ft store creating 200 new jobs. Del Webb Retirement Communities created 83 new jobs with a two million dollar payroll. 6,385 homes are planned over the next 17 years, with a projected total combined construction and personnel payroll of $329.7M creating 1,130 construction and maintenance jobs.

c. Natural Disasters:

Hurricane Hugo hit the Charleston, SC area on 19 September 1989. Beaufort County was not declared a disaster area and incurred no major financial losses or damage.

d. Overall Economic Trends:

The annual payroll of military/direct and indirect civilian personnel is 37% ($295 million) of the total annual payroll of Beaufort County, affecting over 10,690 jobs. This represents 26% of the total employment in Beaufort County, and 42% in the main impact area of Northern Beaufort County. The average civilian salary at the military installations is 42% higher than the average salary in Beaufort County, 94% higher than the main impact area of Northern Beaufort County.

Minorities and women comprise 71% of the civilian employees at the three tri-command bases.

Source of Data (5. Other Socio/Econ):Beaufort Employment Security Commission;South Carolina Budget and Control Board, Economic Research Section

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

The Marine Corps Recruit Depot, Parris Island, is visited by over 70,000 people annually. Visitors include families of graduating recruits, recruiting station visits and military reunions. Local hotel/motel facilities and restaurants benefit substantially from this steady influx of visitors to the Greater Beaufort Area.

Parris Island's recreational and club facilities are used extensively by local civic, religious, educational and government organizations to support events such as high school proms, Boy Scout tours and camping visits, and the Beaufort Memorial Hospital annual benefit ball. The South Carolina Institute of Archeology conducts annual digs at the Santa Helena site aboard the Depot. Depot personnel provide support for the Beaufort Marine Institute, a local juvenile rehabilitation center. The Depot Band and color guard support numerous local and regional events. The Depot has the only indoor swimming pool in the local area, and it is used by the Beaufort Swim Club. The large retired community from all services is served by military funeral and burial details. Local law enforcement agencies are supported by Depot small arms ranges. Extensive program support is provided for civic environmental programs such as recycling, environmental clean-up and preservation.

Source of Data (6. Other):Depot NREAO - Mr. Dean Bradley/G-4 - Capt Lambert G-3 - Capt Johnson/PAO/Visitors Center/Beaufort Chamber of Commerce

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

J. J. KISPERT
NAME (Please type of print)

J. J. Kispert
Signature

COMMANDER
Title

7.14.94
Date

MCRD PISC
Activity

HEADQUARTERS UNITED STATES MARINE CORPS
CERTIFICATION FOR DATA CALL SIXTY-FIVE
MCRD PARRIS ISLAND

DEPUTY CHIEF OF STAFF (INSTALLATIONS AND LOGISTICS)

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

Signature **Date** 8/24/94

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

Document Separator

CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
TRAINING CENTER/SCHOOL: _Marine Corps Recruit Depot,
Parris Island, SC

Category . . . . . Education and Training

Subcategory . . . . . Training Centers and Schools
Types . . . . . Navy and Marine Corps Training Centers and Navy Schools

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

NAVY TRAINING CENTERS AND SCHOOLS LISTING:

Type	Title	Location
School	U.S. Naval Academy	Annapolis, MD
School	Naval War College	Newport, RI
School	Naval Postgraduate School	Monterey, CA
School	Surface Warfare Officers School Command	Newport, RI
School	Navy Supply Corps School	Athens, GA
School	Navy Submarine School	New London, CT
Training Center	Naval Education and Training Center	Newport, RI
Training Center	Naval Training Center	Great Lakes, IL
Training Center	Trident Training Facility	Bangor, WA
Training Center	Trident Training Facility	Kings Bay, GA
Training Center	Naval Nuclear Power Training Unit	Balston Spa, NY
Training Center	Naval Nuclear Power Training Unit	Idaho Falls, ID
Training Center	Naval Technical Training Center	Corry Station, FL
Training Center	Naval Technical Training Center	Meridian, MS
Training Center	Naval Air Technical Training Center (Millington)	Pensacola, FL
Training Center	Fleet Combat Training Center, Atlantic	Virginia Beach, VA
Training Center	Fleet Combat Training Center, Pacific	San Diego, CA
Training Center	Naval Amphibious School	Little Creek, VA
Training Center	Naval Amphibious School	Coronado, CA
Training Center	Fleet Training Center	Norfolk, VA
Training Center	Fleet Training Center	Mayport, FL
Training Center	Fleet Training Center	San Diego, CA
Training Center	Fleet Anti-Submarine Warfare Training Center, Atlantic	Norfolk, VA
Training Center	Fleet Anti-Submarine Warfare Training Center, Pacific	San Diego, CA
Training Center	Fleet Mine Warfare Training Center (Charleston)	Ingleside, TX
Training Center	AEGIS Training Center	Dahlgren, VA

MARINE CORPS TRAINING CENTERS LISTING:

Type	Title	Location
Training Center	Marine Corps Combat Development Command	Quantico, VA
Training Center	Marine Corps Air Ground Combat Center	Twentynine Palms, CA
Training Center	Marine Corps Recruit Depot	Parris Island, SC
Training Center	Marine Corps Recruit Depot	San Diego, CA

Data For Capacity Analysis

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Introduction

1. Purpose. This introduction provides general instructions for replying to this data call; individual questions and footnotes give specific instructions for completion of tables, computations, etc.

2. References

a. Use projected promotion and retention rates and the Base Force Structure as outlined in the JCS Memorandum dated 7 February 1994 re: 1995 Base Realignments and Closures Force Structure Plan to determine future training mission requirements.

b. Refer to the NAVFAC P-72 for Facility Category Code Numbers (CCNs).

c. NAVFAC P-80 provides a discussion of the general nature of each CCN; use it to delineate "types" of facilities that share a common CCN.

d. Refer to NAVFACINST 11010.44E for definition of adequate, substandard, and adequate facilities.

e. Use the DoD Military Training Report FY 1993 definitions of types of training to classify the training and education conducted by the school or training center.

3. Definition of Terms. For purposes of this data call the following apply:

a. A **Formal School** is an activity that sponsors one or more programmed courses of instruction (i.e. Chaplain's School, Service Schools Command, Weapons Training Battalion).

b. A **Course of Instruction** (i.e. Boiler Technician "A," Scout Sniper Instructor) comprises one or more individual contact periods (classes).

c. A **Combined Arms Exercise** (CAX) is training that units are programmed to undergo at the Marine Corps Air Ground Combat Center, Twentynine Palms, CA.

d. An **Educational Institution** is an activity that grants either an undergraduate or postgraduate degree(s) (i.e. U.S. Naval Academy).

e. A **Degree** requires the completion of an established curriculum.

f. A **Curriculum** comprises one or more courses of instruction.

g. A **Facility** is a space (e.g. a room), a defined area (e.g. a range), a structure (e.g. a building), or a structure other than a building (e.g. an obstacle course); it is possible for a building to house one or more facilities of different types.

h. **Recruit Training** is training upon initial enlistment or induction which provides a general indoctrination to the service, teaches skills and knowledge in basic military subjects, and prepares the recruit for early adjustment to military life. For the Navy, this is Class "R" training.

i. **Officer Acquisition Training** consists of training and education programs leading to a commission. For the Marine Corps, this includes the Marine Enlisted Commissioning Education Program (MECEP); for the Navy, this is class "P" training.

j. **Apprentice Training** is fundamental training in one of four basic skills areas (Seaman, Fireman, Airman, Construction man) that enlisted personnel, who are not yet slated for a rating, receive immediately after recruit training. For the Navy, this is class "AA" training.

k. **Initial Skill Training** includes all formal training following recruit training or commissioning and leading toward the award of a military occupational specialty (MOS) or rating at the lowest level. For the Navy, this includes all class "A" (except "AA") and class "M" training (subcategories "M3" and "M4" only).

l. **Skill Progression Training** is training servicemembers receive after initial skill training, and normally after having gained experience through actual work in their specialty, through which is gained the knowledge to perform at higher skill levels, in a supervisory position, and to assume increased responsibilities. For the Navy, this is class "C," "G," and "M" (subcategories "M1" and "M2" only) training.

m. **Functional Training** is training in subject areas that cut across the scope of MOSs/ratings and provides additional required skills without changing the servicemember's primary specialty or skill level. For the Navy, this is class "F" training.

n. **Team Training** provides team functional skill training to increase proficiency required by Fleet or Type Commanders. For the Navy, this is class "T" training.

o. **Professional Development Education** (PDE) provides training and education to career military personnel, enlisted and officer, to prepare them to perform increasingly complex responsibilities as they progress in their military careers. PDE may or may not lead to an academic degree. For the Navy, this is class "D" and "E" training.

4. Coordinating Instructions

a. Enter the primary UIC *of the data call respondent* (identified in the preceding listings of Navy and Marine Corps schools and training centers) at the top of each page of the response; ensure that additional pages created include this identifier.

b. Where information about current facilities available is requested, include MILCON projects that are not BRAC related, which have been authorized and appropriated and for
which contracts are to be awarded by 30 September 1994; *do not* include projects submitted in the FY 95 Presidential Budget. Proposed MILCON projects in support of previous BRAC decisions should be included in response by gaining activities.

c. If any of the information requested is subject to change between now and the end of Fiscal Year 2001 due to known redesignation, realignments/closures or other action, provide current and projected data and so annotate.

d. Use the codes listed below to respond to questions where the "Type of Training" is requested.

Code	Type of Training
RT	Recruit Training
OA	Officer Acquisition Training
AA	Apprentice
IS(E)	Enlisted Initial Skill Training
IS(O)	Officer Initial Skill Training
SP(E)	Enlisted Skill Progression Training
SP(O)	Officer Skill Progression Training
FE	Enlisted Functional Training
FO	Officer Functional Training
TT	Functional Team Training
PD	Professional Development Education

Introduction (Cont.)

e. Where "Course Identifier" is requested, educational institutions shall indicate the department and time period concerned (e.g. English/1st Semester, Wargaming Center); formal schools shall use course identification numbers, either CIN or CID; and the Marine Corps Air Ground Combat Center shall indicate CAX types (e.g. USMC BLT, USMCR RLT).

f. Tenant activities of a school or training center that use space must be accounted for under the host UIC for all courses taught and classroom space utilized.

g. Unless specified otherwise, "throughput" figures should include that from all sources (DON, other DoD, active and reserve components, and non-DoD).

h. Use "N/A" to respond to a question and/or table that does not apply; provide the reason(s) why it is not applicable.

i. Provide best estimates where projections of future peacetime or mobilization requirements are requested.

j. Delete the examples in bold type (provided in various tables to facilitate understanding on how to present the data requested) in responding to the questions.

Mission Requirements

UIC: M00263

A. Courses of Instruction and CAXs. Respond to the following eleven questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

	EDUCATIONAL INSTITUTION:	Marine Corps Recruit Depot, Parris Island, SC
	FORMAL SCHOOL:	Male/Female Recruit Training; Drill Instructors School
	CAX	N/A

1. Training and Education. List all of the departments, courses taught, and CAX types conducted at this school/activity. For each course identifier provide the type of training using the codes listed in the Introduction; the course length (total calendar days); the actual time under-instruction (days in which training occurs); and the past, current, and projected number of course convening (including the number projected to support FY 2001 mobilization requirements). For departments, indicate course length in terms of quarters, trimesters, semesters, or ATRAMIDs, etc.). List CAX types in terms of size and component of units scheduled (e.g. USMC BLT, USMCR RLT, etc.). **Examples provided in bold type.**

Course Identifier	Type Training[1]	Course or CAX Length (days)	Days Under Instruction[2]	Number of Convening[3] (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Male	**RT**	**82**	**57**	**47**	**45**	**43**	**49**	**49**	**49**	**49**	**52**
Female	**RT**	**89**	**63**	**17**	**17**	**17**	**18**	**18**	**18**	**18**	**18**
DI School	**FE**	**81**	**56**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
RTOOC*	**FO**	11	9	11	11	12	12	12	12	12	12

*** Recruit Training Officers Orientation Course**

[1]Formal schools and educational institutions only

[2]For CAXs indicate the actual number of training days

[3]For educational institutions the number of convening should be the total number of section offerings per course.

R

Mission Requirements. Training and Education

a. Course Length Male Recruits:

57	training days
7	service week days
5	days receiving
3	days forming
9	Sundays
1	Outpost Day
82	Total Calendar Days

Course Length Female Recruits:

63	training days
7	service week days
5	days receiving
3	days forming
10	Sundays
1	Outpost Day
89	Total Calendar Days

Drill Instructor School:

56	training days
4	check-in days
1	admin day
20	weekend days
81	Total Calendar Days

1. Training and Education. List all of the departments, courses taught, and CAX types conducted at this school/activity. For each course identifier provide the type of training using the codes listed in the Introduction; the course length (total calendar days); the actual time under-instruction (days in which training occurs); and the past, current, and projected number of course convening (including the number projected to support FY 2001 mobilization requirements). For departments, indicate course length in terms of quarters, trimesters, semesters, or ATRAMIDs, etc.). List CAX types in terms of size and component of units scheduled (e.g. USMC BLT, USMCR RLT, etc.). **Examples provided in bold type.**

Course Identifier	Type Training[1]	Course or CAX Length (days)	Days Under Instruction[2]	Number of Convening[3] (Fiscal Year)							
				1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Male	**RT**	**77**	**57**	**47**	**45**	**43**	**49**	**49**	**49**	**49**	**52**
Female	**RT**	**84**	**63**	**17**	**17**	**17**	**18**	**18**	**18**	**18**	**18**
DI School	**FE**	**81**	**56**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
RTOOC*	**FO**	11	9	11	11	12	12	12	12	12	12

*** Recruit Training Officers Orientation Course**

[1]Formal schools and educational institutions only

[2]For CAXs indicate the actual number of training days

[3]For educational institutions the number of convening should be the total number of section offerings per course.

Revised pg

2. Course Size. For each course listed in the previous table, give the optimum, maximum, and mobilization class size for planning purposes in terms of number of students per convening.

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization (2001)
Male RT	408	432/576 (see note 1)	528/704 (see note 1)
Female RT	80	104	124
DI School	120	160	210 (see note 2)
RTOOC	12	20	20

Note 1. Maximum male class size is a function of squadbay capacity. Each class (Company) is generally allotted six squadbays with a capacity of 72 each, based on the DOd standard of 72 sqft per recruit. However, for 1/3 of the classes the maximum size will be 360, based on smaller squadbays. The mobilization capacity is based on waiving the DOD standard (72sqft) and allowing each recruit only 60 sqft. At certain times within the annual training schedule, 8 squadbays can be made available for a company, increasing the maximum to 576.

Note 2. Class size is a function of classroom size at DI School.

3. Throughput. For each course and CAX type listed in the response to question 1, give the annual student (or CAX participant) throughput for the fiscal years indicated. For formal school students, throughput is the total number of students programmed to attend each course per fiscal year.

2. Course Size. For each course listed in the previous table, give the optimum, maximum, and mobilization class size for planning purposes in terms of number of students per convening.

CIN or CID	Students per Course Convening		
	Optimum	Maximum	Mobilization (2001)
Male RT	408	432/576 (see note 2)	528/704 (see note 2)
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DI School	100	160	210 (see note 2)
RTOOC	12	20	20

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3. Throughput. For each course and CAX type listed in the response to question 1, give the annual student (or CAX participant) throughput for the fiscal years indicated. For formal school students, throughput is the total number of students programmed to attend each course per fiscal year.

Revised pg

Course Identifier	Student or CAX Participant Throughput[4] (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Male RT	17,574	18,951	18,382	18,785	18,845	17,626	17,636	38,311
Female RT	1,705	1,703	1,682	1,925	2,325	2,915	2,915	2,915
DI Sch FE	497	325	382	382	382	382	382	462
RTOOC	35	38	40	40	40	40	40	57

[4]CAX Participant Throughput is the total number of exercise personnel (i.e., CE, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

Course Identifier	Student or CAX Participant Throughput[4] (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Male RT	17,574	18,951	18,382	19,576	20,530	19,462	19,827	38,311
Female RT	1,705	1,703	1,682	1,814	2,000	2,000	2,000	2,000
DI Sch FE	497	325	382	382	382	382	382	462
RTOOC	35	38	40	40	40	40	40	57

[4]CAX Participant Throughput is the total number of exercise personnel (i.e.,CE, GCE, ACE, and CSSE) of all CAXs convened or to be convened during a fiscal year.

4. Average on Board (AOB).

a. Provide the monthly student AOB (or CAX participant AOB of exercising units) for the fiscal years indicated. The AOB should be based on calendar days and reflect all students (or CAX participants) -- including those non-effective for training (e.g., students awaiting instruction).

AOB	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY 1992												
Male RT	3831	3612	3877	3913	3630	3279	3500	3080	3732	3787	4206	4640
Female	386	344	324	326	325	305	320	320	337	352	376	440
DI Sch	110	105	105	90	83	81	128	113	111	100	89	88
RTOOC	5	5	5	5	5	5	5	5	5	5	5	5
FY 1993												
Male RT	3921	3752	3923	4103	4163	3972	3694	3337	3733	4566	4916	5056
Female	393	357	328	368	368	334	353	359	373	394	385	374
DI Sch	72	63	63	74	68	67	53	47	46	74	68	67
RTOOC	5	5	5	5	5	5	5	5	5	5	5	5

b. If level loading cannot be accomplished, provide the reason(s) why not.

AOB is the result of shipping into the Depot. Shipping numbers are directed by HQMC. They are established as a result of MOS school seat availability and the cyclic nature of recruiting. As there are more high school graduates available during the summer than there are high school graduates available during the winter and spring, shipping tends to peak during the summer/early fall.

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UIC: M00263

5. Billeting. If on-base billeting is mandatory for students (or CAX participants); provide the past, present, and future billeting requirements in terms of the average annual number of students (or CAX participants) on board requiring billeting. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. Do not include billeting requirements for permanent/support personnel in this table. Table A is for male personnel; table B is for female personnel.

a. Male Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit	3745	3998	4130	4220	4233	3960	3962	8083
E-1 thru E-4	2	2	1	1	1	1	1	1
E-5	58	39	53	47	47	47	47	32 (AOB drops despite increase in throughput due to class length reduction of 5.6 wks.)
E-6	18	15	17	18	18	18	18	12
E-7	13	5	3	7	7	7	7	5
E-8 thru E-9	none							
Midshipmen/ Officer Candidates	none							
W1 thru W5 & 01 thru 02	none							
03 thru 09	none							

5. Billeting. If on-base billeting is mandatory for students (or CAX participants); provide the past, present, and future billeting requirements in terms of the average annual number of students (or CAX participants) on board requiring billeting. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. Do not include billeting requirements for permanent/support personnel in this table. Table A is for male personnel; table B is for female personnel.

a. Male Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit	3745	3998	3878	4129	4331	4106	4183	8083
E-1 thru E-4	2	2	1	1	1	1	1	1
E-5	71	48	53	47	47	47	47	32 (AOB drops despite increase in throughput due to class length reduction of 5.6 wks.)
E-6	20	17	17	18	18	18	18	12
E-7	14	5	3	7	7	7	7	5
E-8 thru E-9	none							
Midshipmen/ Officer Candidates	none							
W1 thru W5 & 01 thru 02	none							
03 thru 09	none							

Mission Requirements UIC: M00263

b. Female Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit	392	392	417	417	460	460	460	460

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Mission Requirements UIC: __M00263__

b. Female Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit	392	392	410	469	566	710	710	710
E-1 thru E-4	1	1	1	1	1	1	1	1
E-5	12	6	6	5	5	5	5	5
E-6	6	3	3	4	4	4	4	4
E-7	1	1	2	1	1	1	1	1
E-8 thru E-9	0	0	0	1	1	1	1	1
Midshipmen/ Officer Candidates	none							
W1 thru W5 & 01 thru 02	none							
03 thru 09	none							

c. If segregation of billeting by gender is required, what are the restrictions/limitations by pay grade?

Recruits are separated by gender in separate squadbays/buildings. Female Drill Instructor students (E4-E9) are billeted in same BEQ building as males, but separated by gender in individual rooms.

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b. Female Personnel:

Pay Grade	Annual AOB Billeting Requirements (Fiscal Year)							
	1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
Recruit	392	392	387	417	460	460	460	460
E-1 thru E-4	1	1	1	1	1	1	1	1
E-5	12	6	6	5	5	5	5	5
E-6	6	3	3	4	4	4	4	4
E-7	1	1	2	1	1	1	1	1
E-8 thru E-9	0	0	0	1	1	1	1	1
Midshipmen/ Officer Candidates	none							
W1 thru W5 & 01 thru 02	none							
03 thru 09	none							

c. If segregation of billeting by gender is required, what are the restrictions/limitations by pay grade?

Recruits are separated by gender in separate squadbays/buildings. Female Drill Instructor students (E4-E9) are billeted in same BEQ building as males, but separated by gender in individual rooms.

E-1 thru E-4	19	10	11	11	11	11	11	11
E-5	12	6	6	5	5	5	5	5
E-6	6	3	3	4	4	4	4	4
E-7	1	1	2	1	1	1	1	1
E-8 thru E-9	0	0	0	1	1	1	1	1
Midshipmen/ Officer Candidates	none							
W1 thru W5 & 01 thru 02	none							
03 thru 09	none							

c. If segregation of billeting by gender is required, what are the restrictions/limitations by pay grade?

Recruits are separated by gender in separate squadbays/buildings. Female Drill Instructor students (E4-E9) are billeted in same BEQ building as males, but separated by gender in individual rooms.

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6. Messing. If messing in a government operated dining facility is mandatory for students (or CAX participants); provide the past, present, and future messing requirements in terms of the average annual number of students (or CAX participants) on board. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. Do not include messing requirements for permanent/support personnel in this table.

Annual AOB Messing Requirements (Fiscal Year)							
1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
3745 392 110	3998 392 72	4130 410 85	4220 469 85	4233 566 85	3960 710 85	3962 710 85	8082 710 50

Note: AOB drops despite increase in throughput due to reduction in class length by 5.6 wks.
Note: Above figures are for Male (RT), Female (RT) and DI School respectively.

6. Messing. If messing in a government operated dining facility is mandatory for students (or CAX participants); provide the past, present, and future messing requirements in terms of the average annual number of students (or CAX participants) on board. Compute annual AOB by summing the course length times course throughput divided by 365 for each course. Do not include messing requirements for permanent/support personnel in this table.

Annual AOB Messing Requirements (Fiscal Year)							
1992	1993	1994	1995	1997	1999	2001	Mobilization Requirement (2001)
3745 392 110	3998 392 72	3878 387 85	4129 417 85	4331 460 85	4106 460 85	4183 460 85	8082 460 50

Note: AOB drops despite increase in throughput due to reduction in class length by 5.6 wks.
Note: Above figures are for Male (RT), Female (RT) and DI School respectively.

7. Major Equipment. Identify major equipment (tanks, trucks, training craft, aircraft, etc.), if any, used in training at this school/activity that require special facilities for storage and maintenance (21x-xxand 4xx-xxCCNs, etc.), and give the types and sizes of those facilities needed. Do not include training facilities (171-xxand 179-xxCCNs). Add other types of equipment as needed. Provide facility requirements in terms of square feet (SF) unless another measure is appropriate; indicate alternate unit of measure if used.

Type of Equipment	Number by Type	CCN:		CCN:		CCN:	
		Number of Facilities	Total SF Required	Number of Facilities	Total SF Required	Number of Facilities	Total SF Required
Tanks	none						
LAVs	none						
AAVs	none						
Trucks	none						
Artillery Guns	none						

7. Major Equipment (Cont.)

Type of Equipment	Number by Type	CCN:		CCN:		CCN:	
		Number of Facilities	Total SF Required	Number of Facilities	Total SF Required	Number of Facilities	Total SF Required
Landing Support Heavy Equipment	none						
Engineer Support Heavy Equipment	none						
Training Craft	none						
Aircraft	none						

8. Training Facilities. In the following tables provide the training facility requirements for each course identifier per convening. Create additional tables so as to include all applicable 171-xx, 179-xx, and any other CCNs of facilities in which training occurs. List facility types more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the facility is required to support the course identifier, i.e. include instructor set-up and rehearsal, range maintenance, etc. **Examples are provided in bold type**.

CCN: 171-10

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**General (Bldg 6005)**	**23**	**23**
Female RT	**General (Bldg 933 and 938)**	**38 (19 ea bldg)**	**38 (19 ea bldg)**
DI School	General (DI School Class)	191.5	126

Note: Training indicates hours designated for each class. Class size for males is a company. Class size for females is a series. Listed is the total time the facility is required to support the course identifier.

8. Training Facilities. In the following tables provide the training facility requirements for each course identifier per convening. Create additional tables so as to include all applicable 171-xx,179-xx, and any other CCNs of facilities in which training occurs. List facility types more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the facility is required to support the course identifier, i.e. include instructor set-up and rehearsal, range maintenance, etc. **Examples are provided in bold type.**

CCN: 171-10

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**General**	**23**	**23**
Female RT	**General**	**38**	**38**
DI School	General	191.5	126

CCN: 171-20

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**General Bldg 602** **AS 26**	***26** ***22**	**26** **22**
	Gas Chamber **Weapons Sheds**	***4.0** **34.5**	**4.0** **34.5**
Female RT	General Bldg 602 AS 26	2.0 7.5	2.0 7.5
Female RT	Gas Chamber Weapons Sheds	4.0 34.5	4.0 34.5
DI School	AS 26 Gas Chamber	7.5 4.0	5.0 3.0
Band Facility	Bldg 920 Instrument Repair	1300 (per year)	1300 (per year)
Band Facility	Bldg 921 Library	780 (per year)	780 (per year)
Band Facility	Rehearsal Hall	1924 (per year)	1924 (per year)

Note:

1. Practice areas are used daily to include weekends. The numbers given are estimates of actual time used.
2. The band will get an additional building in October for use as a practice facility. Rooms have not been designated as of yet.

Note: Training indicates hours designated for each class. Class size for mailes is a company. Class size for females is a series. Listed is total time that the facility is required to support the course identifier.

*Two male series in a company each receive this instruction separately for half the time indicated. i.e. Bldg 602, 13 hours for lead series and 13 hours for follow series.

CCN: 171-35

Mission Requirements UIC: M00263

CCN: 171-25

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**Auditorium**	**4.0**	**4.0**
Female RT	Auditorium	2.0	2.0

Note: Females use facility concurrently with a Male Series.

Mission Requirements

UIC: M00263

CCN: 171-20

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**General**	**86.5**	**86.5**
Female RT	General	47	47
DI School	General	11.5	8.0

CCN: 171-35

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**Indoor Simulated Marksmanship Trainer**	**6**	**6**
Female RT	**Indoor Simulated Marksmanship Trainer**	6	6

CCN: 179-40

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**KD range**	45	45
	Field firing course #1	*44	44
Female RT	**Field firing course #2**	*20	20
	KD range	45	45
	Field firing course #1	22	22
	Field firing course #2	14	14
DI School	**Field firing course #1**	7.5	5.0

Note: Training hours indicates total time facility is used for each class. *Indicates that the two series of a male company received this training separately for half the time listed. i.e. Field firing couse #1 is done for 22 hours by lead series and 22 hours by follow series.

CCN: 179-45

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	Mock Ups	5	5
Female RT	Mock Ups	29	29
DI School	Mock Ups	2	1

R

d. CCN: 179-50. Mission Requirements. Training Courses.

Course ID	Facility Type		
Male RT	Grenade range	14	14
	Obstacle course	6	6
	Confidence course	8	8
	*Day mvmt course	9	9
	*Combat Assault course	8	8
	PT field	48	48
	Leatherneck Square	16	16
	Rappel Tower	8	8
Female RT	Grenade range	5	5
	Obstacle course	2	2
	Confidence course	4	4
	*Day mvmt course	4	4
	*Combat Assault course	4	4
	PT field	49.5	49.5
	Combat Town	24	24
	Rappel Tower	5	5
DI School	Grenade range	21	21
	Obstacle course	3	3
	Confidence course	4.5	4.5
	*Combat Assault course	3	3
	PT field	30	30
	Leatherneck Square	4.5	4.5
RTOOC	Obstacle course	2	2
	Confidence course	2	2

Note: Training hours listed indicate total time facility is required for the class. Class for males is a company. Class for females is a series. All male training in this CCN is done by series for half the time indicated with the exception of PT which is done by the company.
*Day mvmt course utilizes the AAV mockup during this period for approximately 3.0 hrs.
*Combat Assault Course utilizes the Helo mockup during this period for approximately 2.0 hrs.

232 R

Mission Requirements - Small Arms Ranges CCN 179-40

There are four KD ranges (one is used almost exclusively for Transitional Rifle Course (TRC firing), one light MG/field firing range and two pistol ranges.

Male:	Field Firing	10 Hrs
	TRC	22 Hrs
	KD	45 Hrs
Female:	Field Firing	14 Hrs
	TRC	22 Hrs
	KD	45 Hrs
DI School:	Field Firing	7.5 Hrs

Mission Requirements - Mock-ups CCN 179-45

Male:	Helo	2.5 hrs
	AAV	2.5 hrs
	CAC	6 hrs
Female:	Helo	2 hrs
	CAC	3 hrs
DI School:	Helo	1 hr
	CAC	1 hr

Mission Requirements UIC: M00263

CCN: 179-40

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**Small Arms Ranges**	**77**	**77**
Female RT	**Small Arms Ranges**	**81**	**81**
DI School	**Small Arms Ranges**	**7.5**	**5.0**

CCN: 179-45

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	Mock Ups	5	5
Female RT	Mock Ups	29	29
DI School	Mock Ups	2	1

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Mission Requirements

UIC: M0026

CCN: 179-55

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	Training Courses	109	109
Female RT	Training Courses	68.5	68.5
DI School	Training Courses	47	29
RTOOC	Training Courses	4	4

CCN: 179-60

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	Drill Field	50	50
Female RT	Drill Field	50	50
DI School	Drill Field	84	51

CCN: 179-55

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	Swimming Pool	32	32
Female RT	Swimming Pool	16	16
DI School	Swimming Pool	4	4
RTOOC	Swimming Pool	4	4

Note: Training indicates hours designated for each class. Class for male RT is a company. Class for female RT is a series. Male swim training is done by series for half the time indicated.

CCN: 179-60

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	Drill Field	50	50
Female RT	Drill Field	50	50
DI School	Drill Field	84	51

CCN: 179-55

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	Training Courses	109	109
Female RT	Training Courses	68.5	68.5
DI School	Training Courses	30.0	20
RTOOC	Training Courses	4	4

CCN: 179-60

Course Identifier	Facility Type(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	Drill Field	50	50
Female RT	Drill Field	50	50
DI School	Drill Field	84	55

9. Training Areas. Provide the land and water training area requirements for each course identifier per convening; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas. List training areas more than once if used by more than one course identifier. Peacetime and Mobilization Requirements should include the total time that the training area is required to support the course identifier, i.e. include exercise set-up, stage ammunition, etc. **Examples are provided in bold type.**

Course Identifier	Training Area(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)
Male RT	**TA-1**	**8**	**8**
	TA-2	**15**	**15**
	TA-3 **BWT Classroom**	**15** **20**	**15** **20**
Female RT	**TA-1** **TA-2** **TA-4** **BWT Classroom**	**5.5** **12.5** **39.5** **15.0**	**5.5** **12.5** **39.5** **15.0**
DI School	**TA-1**	**1.5**	**1.0**
	TA-2	**4.5**	**3.0**

10. Airspace. For those courses or CAX types that require special-use-airspace (SUA) or airspace-for-special-use, give the type(s) of airspace required and the number of hours it is needed per convening.

None.

Course Identifier	Type(s) Airspace	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

11. Airfields. For those courses or CAX types that require use of an airfield, list the airfield(s) used and the number of hours needed per convening.

None.

Course Identifier	Airfield(s)	Peacetime Requirement (Hours per Course Identifier)	Mobilization Requirement (Hours per Course Identifier)

B. Other Training at Educational Institutions and Formal Schools. Each educational institution and formal school is required to fill out the two questions in this section. Other usage requirements for training must be derived from another formal school's requirements; or that are required to maintain readiness of permanent/support personnel; tenant and non-tenant active duty Fleet/FMF; and non-operational units/shore activities, reserves, and other DoD organizations; or that necessary to satisfy other non-DoD training requirements. Examples of training conducted in the educational institution's or formal schools facilities to be reported in this section include, but are not limited to: 1 hour of annual sexual harassment training for permanent personnel, permanent personnel annual weapons requalification, reserve unit training on weekends, coast guard classes.

	EDUCATIONAL INSTITUTION:	Marine Corps Recruit Depot, Parris Island, SC
	FORMAL SCHOOL:	Male/Female Recruit Training; Drill Instructors Sch.

Mission Requirements

UIC: M00263

1. Training Facilities. By Facility CCN, provide the usage requirements for training during the fiscal years indicated, other than programmed courses of instruction. Include all applicable 171-xx,179-xx, and other CCNs of facilities in which training occurs. **The example in bold type below illustrates a response by a formal school that in one building has a total of four general academic classrooms, one of which seats 20 students, another seats 30, and two others that each seat 40 students. Permanent personnel and a reserve unit used all of them to varyingdegrees throughout fiscal years 1992 and 1993; their anticipated usage requirements for FY 2001 are best estimates.**

CCN: 171-10

Type of Training Facility	Design Capacity (PN)[5] per Type	Number	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
General Academic	**50**	**1**	**364**	**364**	**364**
	500	**1**	**224**	**224**	**224**
	35	**1**	**312**	**312**	**312**
	130	1	224	224	224
	100	1	116	116	116

Mission Requirements

Note: The following information is provided outside of formatted table; not able to access table cells.

This data represents hours required to qualify permanent personnel on the rifle range, professional military education for permanent personnel, MOS-related classes and annual training requirements such as ethics, sexual harassment, etc. Also included is the training each Drill Instructor team goes through prior to beginning a new recruit cycle.

Type of Training Facility PN Number FY92 Reqr FY93 Reqr FY2001 Reqr

[5]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

Mission Requirements

Note: The following information is provided outside of formatted table; not able to access table cells.

This data represents hours required to qualify permanent personnel on the rifle range, professional military education for permanent personnel, MOS-related classes and annual training requirements such as ethics, sexual harassment, etc. Also included is the training each Drill Instructor team goes through prior to beginning a new recruit cycle.

Type of Training Facility	PN	Number	FY92 Reqr	FY93 Reqr	FY2001 Reqr
CCN: 171-25 Auditorium	995	1	144	144	144
CCN: 171-20 Applied Instruction					
SNAP IN SHEDS	72	21	90	97.5	105
BLDG 1044	100	1	438	467	525
CCN: 179-40 Small Arms Ranges					
KD Ranges	300	4	1697	1493	1924
Pistol Range	80	2	600	600	600

Notes: a. MCRD PISC does have one (100 seat) CCN: 171-20 applied instruction facility to satisfy permanent personnel or reserve unit training. Bldg #1044 common-use facility.

b. MCRD does have four KD ranges. One is currently being used to as a field firing range vice KD. It is also setup to accommodate a KD course of fire. Of the three ranges used for KD, two of them have 49 firing points and one has 50 firing points. Total firing points = 148. Normally, six relays are fired on each range per day.

KD Range	Firing Points	Relays	Shooters/day
Chosin	49	6	294
Starlite	49	6	294
Inchon	50	6	300

c. MCRD does have two pistol ranges. Range one has 30 firing points and range two has twenty firing points. Total firing points equals 50.

Auditorium	995	1	144	144	144

CCN: 171-20 Applied Instruction

72	21	90	97.5	105
1	100	462	491	520

CCN: 179-40 Small Arms Ranges

KD Ranges	300	4	1697	1493	1924
Pistol Range	80	2	600	600	600

2. Training Areas. For each land and water training areas used by the educational institution or formal school, provide the usage requirements for training during the fiscal years indicated, other than their programmed courses of instruction; include landing zones (LZs) and gun firing positions (GPs) that are scheduled individually, and impact areas.

Again, we are unable to access the table provided. The following data for training areas is provided:

Training area	FY92 REQR	FY93 REQR	FY2001 REQR
TA-1	96	96	96
TA-2	96	96	96
TA-3	96	96	96

Training Area	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
TA-1	96	96	96
TA-2	96	96	96
TA-3	96	96	96

Again, we are unable to access the table provided. The following data for training areas is provided:

Training area	FY92 REQR	FY93 REQR	FY2001 REQR
TA-1	96	96	96
TA-2	96	96	96
TA-2	96	96	96

Training Area	FY 1992 Requirements (Hrs/Yr)	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

C. Other Training at the Marine Corps Air Ground Combat Center. In addition to information provided in response to Mission Requirements Section B, respond to the following four questions with regard to the training facilities and training areas used to support CAXs. Other usage requirements for training must be derived from another formal school's requirements, or that required to maintain readiness of permanent/support personnel and other military units, or to satisfy other non-DoD training requirements.

1. Units/Users Supported. Complete the following tables (1.a through 1.e) for units/users that conducted training at the Training Center not in conjunction with a programmed CAX.

a. List all active duty FMF units which were tenants of the Training Center as of 1 April 1994; list other unit types as necessary.

Unit Type	Current Manning Level	Number of Units	# of units capable of being supported at this time?[6]	FY 1997 Manning Level	Number of Units	FY 1999 Manning Level	Number of Units	FY 2001 Manning Level	Number of Units
AGSE									
HqCo, Inf Regt									
Inf Bn (entire Bn)[7]									
Arty Bn (entire Bn)									
LAI Bn (entire Bn)									
Tank Bn (entire Bn)									

[6]Do all units, even while deployed, have facilities set aside for their occupancy?

[7]"(entire Bn)" = all companies, including H&S Co or Hqtrs Btry, antiarmor plat, if applicable

Unit Type	Current Manning Level	Number of Units	# of units capable of being supported at this time?	FY 1997 Manning Level	Number of Units	FY 1999 Manning Level	Number of Units	FY 2001 Manning Level	Number of Units
SRIG Det									
AAV Co									
CSSG									
MEB Cmd Elem									
Other (specify)									

b. Complete the following table for all non-tenant active duty FMF unit (ground and air) types which trained at the Training Center during the fiscal years indicated.

Unit Type	Fiscal Year 1992		Fiscal Year 1993	
	Manning Level	Number of Units	Manning Level	Number of Units

c. Complete the following table for all reserve unit (ground and air) types (from all services) which trained at the Training Center during the fiscal years indicated.

Unit Type	Unit Service	Fiscal Year 1992		Fiscal Year 1993	
		Manning Level	Number of Units	Manning Level	Number of Units

d. Complete the following table for all other active duty DOD unit types (not included in the previous tables, i.e. classes of students from formal schools not tenants of the Training Center) which trained at the Training Center.

Unit Type	Unit Service	Fiscal Year 1992		Fiscal Year 1993	
		Manning Level (Average)	Number of Units	Manning Level (Average)	Number of Units

e. Complete the following table for all non-DoD user types which trained at the Training Center.

User Size	Fiscal Year 1992		Fiscal Year 1993	
	Manning Level (Average)	Number of Users	Manning Level (Average)	Number of Units

2. Tenant Unit Major Equipment. Complete the following tables (2.a through 2.h) for each tenant active duty ground and aviation FMF unit type identified in response to question C.1.a to provide facility (21x-xxand 4xx-xxCCNs, etc.) minimum requirements in terms of square feet (SF) or some other unit of measure (identify) to support their major equipment authorized. Do not include training facilities. Create additional columns, rows, and tables as needed.

Unit Type:

a. Major Equipment: **Tanks**

Type of Tank	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

b. Major Equipment: **Light Armored Vehicles**

Type of LAV	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

c. Major Equipment: **Assault Amphibious Vehicles**

Type of AAV	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

d. Major Equipment: **Trucks**

Type of Truck	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

e. Major Equipment: **Artillery Guns**

Type of Gun	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

f. Major Equipment: **Landing Support Heavy Equipment**

Type of Equipment	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

g. Major Equipment: **Engineer Support Heavy Equipment**

Type of Equipment	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

Mission Requirements

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h. Major Equipment: _____

Type of Equipment	Number by Type	CCN:		CCN:		CCN:		CCN:		CCN:	
		Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure	Total	Unit of Measure

Mission Requirements

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3. Training Facilities. By Facility CCN, provide the usage requirements of each of the unit types/user sizes identified in response to question C.1 for the fiscal years indicated. Include all applicable 171-xx,179-xx,and other CCNs of facilities in which training occurs. For ranges, ensure that at the minimum, the following types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), machine gun, anti-armor, tank/LAV, hand grenade, CAS/gunnery, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range and its name/number.

a. Historical Usage Requirements

CCN:_____

Type of Training Facility	Design Capacity (PN)[8] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Hours Used in FY 1991	Hours Used in FY 1992	Fiscal Year 1993	
							Hours Used	Avg Number of Firing Positions Used per Hour[9]

Mission Requirements

UIC: _____

b. Projected Usage Requirements

CCN:_____

[8]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[9]Ranges only

Type of Training Facility	Design Capacity (PN)[10] per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Usage Requirements		
					FY 1994	**FY 1995**	**FY 1997**

Type of Training Facility	Design Capacity (PN) per Type	Number per Type & Design Capacity	Unit Type/ User Size	Unit Service	Usage Requirements		
					FY 1999	**FY 2001**	**Mobilization Requirement (2001)**

Mission Requirements

UIC: _____

4. Training Areas. Provide the land and water training area (include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually and impact areas) usage requirements of each of the unit types/user sizes identified in response to question C.1 for the fiscal years indicated.

a. Historical Usage Requirements

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted[11]	Usage Requirements (Hours Used per FY)		
				FY 1991	FY 1992	FY 1993

[10]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[11]Provide a general description (e.g., day/night; offensive/defensive tactics; squad assault; fire and maneuver; etc.)

b. Projected Usage Requirements

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted	Usage Requirements		
				FY 1994	**FY 1995**	**FY 1997**

Training Area	Unit Type/ User Size	Unit Service	Kind of Training Conducted	Usage Requirements		
				FY 1999	**FY 2001**	**Mobilization Requirement (2001)**

D. Academic Research. Respond to the following two questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box. Academic research is funded (except for 6.xand O&MN direct funded research) or non-funded scholarly activity by students in addition to required course work, by faculty above and beyond curriculum development, or conducted by others. For CAXs, "Student Users" and "Faculty Users" equate to CAX participants and Training Center permanent personnel, respectively.

Note: Section D. is not applicable to the Recruit Depot.

	EDUCATIONAL INSTITUTION:	Marine Corps Recruit Depot, Parris Island, SC
	FORMAL SCHOOL:	Male/Female Recruit Training; DI School
	CAX	

1. Training Facilities. By Facility CCN, provide the usage requirements for academic research during the fiscal years indicated. Create additional tables so as to include all applicable 171-xx,179-xx, and other CCNs of facilities in which this research occurs. Place an "S,""F,""S/F,"or "O" in the User(s) column to indicate research conducted by students only, faculty only, both students and faculty, or someone else, respectively. **The example in bold type illustrates a formal school supporting research in two of its classrooms with respective seating capacities of 30 and 10 students, that was conducted in support of their courses offered.**

a. Provide the usage requirements for research conducted in conjunction with or in support of programmed courses of instruction or CAXs.

CCN: **171-10**

Type of Training Facility	Design Capacity (PN)[12] per Type	Number	User(s)	Curriculum/ Formal School/ CAX Supported	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
General Academic	**30**	**1**	**S/F**	**History**	**50**	**50**
	10	**1**	**S**	**English**	**80**	**80**

[12]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

b. Provide the usage requirements for research conducted by students, faculty, or someone else not in conjunction with or in support of programmed courses of instruction or CAXs.

CCN: _____

Type of Training Facility	Design Capacity (PN) per Type	Number	User(s)	Project/ Program and Sponsor	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

2. Training Areas. Provide the usage requirements for academic research during the fiscal years indicated, for each land and water training area (include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually and impact areas) used by the educational institution, formal school, or CAX and in which research is conducted.

a. Provide the usage requirements for research conducted by students and faculty in conjunction with or in support of programmed courses of instruction or CAXs.

Training Area	User(s)	Curriculum/ Formal School/ CAX Supported	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

Mission Requirements UIC: _____

b. Provide the usage requirements for research conducted by students, faculty, or someone else not in conjunction with or in support of programmed courses of instruction or CAXs.

Training Area	User(s)	Project/Program and Sponsor	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

E. RDT&E Support. Respond to the following two questions for each educational institution, formal school, and CAX that uses Training Center/School facilities; preceding each set of answers, identify the activity by placing an "X" in the appr

opriate left hand box and, except for CAXs, providing its name in the right hand box. RDT&E support is activity conducted with 6.xor O&MN direct funding. For CAXs, "Student Users" and "Faculty Users" equate to CAX participants and Training Center permanent personnel, respectively.

	EDUCATIONAL INSTITUTION:	
	FORMAL SCHOOL:	
	CAX	

Note: Section E is not applicable to the recruit Depot.

1. Training Facilities. By Facility CCN, provide the usage requirements for RDT&E support during the fiscal years indicated. Create additional tables so as to include all applicable 171-xx,179-xx,and other CCNs of facilities used for this support role. Place an "S,""F,""S/F,"or "O" in the User column to indicate research conducted by students only, faculty only, both students and faculty, or someone else, respectively. **The example in bold type illustrates a formal school supporting RDT&E in two of its ranges, one with five gun firing positions, the other with 10, that was conducted in conjunction with their courses offered.**

a. Provide the usage requirements for RDT&E projects and programs in which students and faculty participated in conjunction with or in support of programmed courses of instruction or CAXs.

CCN: **179-30**

Type of Training Facility	Design Capacity (PN)[13] per Type	Number	User(s)	Curriculum/ Formal School/ CAX Supported	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)
Range 601	**5**	**1**	**S**	**Ballistics**	**60**	**90**
Range 602	**10**	**1**	**S**	**Ballistics**	**50**	**100**

Note: This section does not apply to MCRD PISC. We could not access the cell to erase the bold type information.

[13]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, e.g. ranges. Design Capacity (PN) must reflect current use and configuration of the facilities.

b. Provide the usage requirements for RDT&E projects and programs in which students, faculty, or someone else participated not in conjunction with or in support of programmed courses of instruction or CAXs.

CCN: _____

Type of Training Facility	Design Capacity (PN) per Type	Number	User(s)	Project/ Program and Sponsor	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

2. Training Areas. Provide the usage requirements for RDT&E support during the fiscal years indicated, for each land and water training area used by the educational institution, formal school, or CAX and in this supporting role; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

a. Provide the usage requirements for RDT&E projects and programs in which students and faculty participated in conjunction with or in support of programmed courses of instruction or CAXs.

Training Area	User(s)	Curriculum/ Formal School/ CAX Supported	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

Mission Requirements UIC: _____

b. Provide the usage requirements for RDT&E projects and programs in which students, faculty, or someone else participated not in conjunction with or in support of programmed courses of instruction or CAXs.

Training Area	User(s)	Project/Program and Sponsor	FY 1993 Requirements (Hrs/Yr)	FY 2001 Requirements (Hrs/Yr)

A. Courses of Instruction and CAXs. Respond to the following nine questions for each educational institution's, formal school's, and CAX's facilities, training areas, airspace, and airfields; preceding each set of answers, identify the activity by placing an "X" in the appropriate left hand box and, except for CAXs, providing its name in the right hand box.

	EDUCATIONAL INSTITUTION:	MCRD Parris Island South Carolina
	FORMAL SCHOOL:	Male/Female RT; DI School
	CAX	

1. Training Facilities

a. Complete the following tables for all of the educational institution's, formal school's, or CAX's training facilities. The degree of detail used to list the types of training facilities in the succeeding tables should correspond with that used to identify course identifier facility requirements/usage in the Mission Requirements Section of this Data Call. Reproduce the tables at sub-paragraphs 1.f, 1.l, and 1.m so as to include all 171-xx,179-xx,and any other applicable CCNs of facilities in which training occurs. Do not include any inadequate facilities. 24 hours per day availability is presumed for all facilities; in the "Non-Availability" column indicate when the facility cannot be scheduled; and in the "Normally Scheduled for Use" column provide facility usage based on the normal peacetime work schedule in force.

b. CCN: 171-10 (Academic Instruction)

(1) For each general type of training facility, list individually and identify those that are specialized, i.e. designed to support a particular course or courses. For spaces that can be reconfigured through partitioning, list them based on their maximum practicable design capacity (i.e. without partitioning). **The example provided in bold type illustrates a formal school where its five 10 seat classrooms are closed to training one hour per week for cleaning/maintenance, and are scheduled for classes eight hours per day, five days per week.**

Type of Training Facility	Design Capacity (PN)[14] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General Academic Space (Bldg 6005)	**500**	**1**	**N**	**0**	**3.3**	**315**
General (Bldg 933/939)	**100**	**3**	**N**	**0**	**2.9**	**204**
General (DI School)	**200**	**1**	**N**	**0**	**4**	**224**
General (RTOOC)	**12**	**1**	**N**	**0**	**8**	**99**

[14]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

b. CCN: 171-10 (Academic Instruction)

(1) For each general type of training facility, list individually and identify those that are specialized, i.e. designed to support a particular course or courses. For spaces that can be reconfigured through partitioning, list them based on their maximum practicable design capacity (i.e. without partitioning). **The example provided in bold type illustrates a formal school where its five 10 seat classrooms are closed to training one hour per week for cleaning/maintenance, and are scheduled for classes eight hours per day, five days per week.**

Type of Training Facility	Design Capacity (PN)[14] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General Academic Space	**500**	**1**	**N**	**0**	**3.3**	**315**
General	**100**	**3**	**N**	**0**	**2.9**	**204**
General	**200**	**1**	**N**	**0**	**4**	**224**
General	**12**	**1**	**N**	**0**	**8**	**99**

[14]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

(2) Complete the following table for all types of training facilities listed in the proceeding table (question 1.b(1)) that can be reconfigured through subdivision by demountable partitioning. **The example provided in bold type illustrates a formal school where four of its 45 seat classrooms are outfitted with demountable partitioning so as to be reconfigurable; two of the three classrooms can be reconfigured in the same way (the two possible reconfiguration produce the same design capacities). Each of the first two 45 seat classrooms can be subdivided once to produce two classrooms, one to seat 30 students, the other to seat 15; also in each case a second reconfiguration is possible by subdividing the original space twice to produce three classrooms to seat 15 students each. The third 45 seat classroom can be subdivided in only one way to produce two classrooms seating 25 and 20 students respectively. The fourth 45 seat classroom can also only be subdivided in one other way (into two 20 seat classrooms), but in the process loses some of its original seating capacity.**

Type of Training Facility	Design Capacity	Number	Reconfiguration #1	Reconfiguration #2	Reconfiguration #3
			Subdivision Design Capacities	Subdivision Design Capacities	Subdivision Design Capacities
General Academic Space	**500**	**1**	**250,250**	**N/A**	**N/A**
	100	**3**	**50,50**	**N/A**	**N/A**
	200	**1**	**100,100**	**N/A**	**N/A**

c. CCN: 171-20 (Applied Instruction). For both general and special applied instruction spaces, list individually and identify those that are specialized, i.e. designed to support a particular course or courses (e.g. a band practice facility is a specialized applied instruction facility).

Type of Training Facility	Design Capacity (PN)[15] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General:Bldg 602, Applied Instruction	200	2	N	0	3.0	99
Bldg 602	100	4	N	0	3.0	99
Special:AS-26 Applied Instru Bldg as Gas Chamber/NBC	200	1	N	0	6.6	169
Snap-in Sheds	72	21	N	0	6.8	310
Gas Chamber	30	1	N	0	4	107
Bldg 920	280	1	N	0	5.0	260
Bldg 921 Library	40	1	N	0	3.0	260
Reh Hall	-	1	N	0	5.3	360
Bldg 1044	100	1	N	0	6.0	100

[15]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

c. CCN: 171-20(Applied Instruction). For both general and special applied instruction spaces, list individually and identify those that are specialized, i.e. designed to support a particular course or courses (e.g. a band practice facility is a specialized applied instruction facility).

Type of Training Facility	Design Capacity (PN)[15] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General:Bldg 602, Applied Instruction	200	2	N	0	3.0	99
Bldg 602	100	4	N	0	3.0	99
Special:AS-26 Applied Instru Bldg as Gas Chamber/NBC	200	1	N	0	6.6	169
Snap-in Sheds	72	21	N	0	6.8	310
Gas Chamber	30	1	N	0	4	107

[15]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

d. CCN: 171-35 (Operational Trainer)

Type of Training Facility	Design Capacity (PN)[16] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
Indoor Simulated Marksmanship Trainer	4 firing points	2	N	0	2.5	260

[16]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

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d. CCN: 171-25

Type of Training Facility	Design Capacity (PN)[1] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
Auditorium	500		N	0	4.0	98

[1]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

d. CCN: 171-35 (Operational Trainer)

Type of Training Facility	Design Capacity (PN)[16] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					Average Training Hrs/Day	Average Training Days/Yr
Indoor Simulated Marksmanship Trainer	4 firing points	2	N	0	2.5	260

[16] Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

e. CCN: 171-60 (Recruit Processing Facility)

Type of Training Facility	Design Capacity (PN)[17] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
Recruit Receiving	300	1	Y	0	24(see note 1)	135

Note 1: The Recruit Receiving Facility includes the receiving barracks, therefore it is manned 24 hours per day. Recruit processing takes place 5 days a week from 0530-1800and on Saturdays from 0530-1100.

[17]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

R

B. Mission Requirements - Recruit Processing Facility CCN 171-60

In a 24 hr period, the max number of recruits that can be received and processed within this facility, with no other restrictions such as training battalion rack space, is 700. Currently, recruits are received and processed as they form groups of approximately 40. Processing is linear and groups are approximately 45 minutes apart. (Technically, the entire company can be described as round-robin since different events are going on simultaneously.) The first recruit to ship will arrive Monday at approximately 1800 and drop to training Thursday at 1000 (64 hrs). The last recruit to ship will arrive Thursday as late as 2300 and will drop Saturday at 1100 (36 hrs).

The current limitation on processing is the Branch Medical Clinic (BMC) which can only process 88 recruits at a time.

The facility can simultaneously handle in excess of the maximum class sizes of 432 males and 104 females (as reported in Mission Requirements, 2. Course Size) within the same shipping period. (Per the note provided in the data call, these maximums are based on the numbers that currently be dropped into a training company/series squadbay at 72 sq ft per recruit.)

Receiving squadbays currently accommodate 360 (4x90) and the OIC can utilize another squadbay of 340 (4x85) if shipping numbers cause the number of processing recruits to exceed the facility's resident squadbay. Also, the standard 360 load does not include the extra racks that can be added by waivering to 60 sq ft per recruit.

Previous in-house expansion studies show that Parris Island can receive and process more than double the current load without an additional facility specifically for this purpose. Since receiving and processing are basically a matter of scheduling and operational support, the facility is efficient but not unique to its purpose. As long as the personnel and equipment are in place and a schedule is set, processing will occur.

D. Facility - Auditorium CCN 121-25

Parris Island's one auditorium seats 1012.

E. Bldg. 602 does not have permanent room dividers/partitions for its 100 seat classrooms.

g. CCN: 179-10 (Aircraft Gunnery, Bombing and Rocket Range). Ensure that at the minimum, ranges used for close air support training (CAS), if available, are identified; list each separately in "Type of Training Facility" column indicating type of range and its name/number.

Type of Training Facility	Design Capacity (PN)[18] per type	Number	Location[19]	Size[20] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
	none							

[18]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[19]Applies to ranges only; indicate camp or grid coordinate

[20]Applies to ranges only; include range fan

h. CCN: 179-30 (Surface Projectile Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: heavy machine gun, anti-armor, tank/LAV, hand grenade, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range and its name/number.

Type of Training Facility	Design Capacity (PN)[21] per type	Number	Location[22]	Size[23] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Grenade Range	216	1	Depot	46	N	0	4	107

[21]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[22]Applies to ranges only; indicate camp or grid coordinate

[23]Applies to ranges only; include range fan

i. CCN: 179-40 (Small Arms Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), and small caliber (light) machine gun; list each separately in "Type of Training Facility" column indicating type of range and its name/number.

Type of Training Facility	Design Capacity (PN)[24] per type	Number	Location[25]	Size[26] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
KD range	49	3	Depot	24	N	416	9	225
Light Machine gun range	216	1	Depot	31	N	0	5	180
Field firing range	49	1	Depot	24	N	416	12	225
Pistol Range	1-30 1-20	2	Depot	1	N	260	4	120

Note: One pistol range was damaged during a wind storm in March 93 and unavailable for the remainder of FY 93. This range will be operational in FY 94.
Note: Ranges are not used during federal holidays. One weekend per quarter ranges are utilized for reserve unit training.
Note: Normally these ranges are not used at night due to safety reasons.

j. CCN: 179-50 (Training Course) List all obstacle courses, circuit courses, PFT/PRT courses, confidence courses, etc.

[24]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[25]Applies to ranges only; indicate camp or grid coordinate

[26]Applies to ranges only; include range fan

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i. CCN: 179-40 (Small Arms Range). Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), and small caliber (light) machine gun; list each separately in "Type of Training Facility" column indicating type of range and its name/number.

Type of Training Facility	Design Capacity (PN)[24] per type	Number	Location[25]	Size[26] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
KD range	300	4	Depot	24	N	0	9	225
Light Machine gun range	216	1	Depot	31	N	0	5	180
Pistol Range	80	2	Depot	1	N	Note	4	120

Note: One pistol range was damaged during a wind storm in March 93 and unavailable for the remainder of FY 93. This range will be operational in FY 94.

Facilities UIC: M00263____

j. CCN: 179-50 (Training Course) List all obstacle courses, circuit courses, PFT/PRT courses, confidence courses, etc.

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[24]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[25]Applies to ranges only; indicate camp or grid coordinate

[26]Applies to ranges only; include range fan

Type of Training Facility	Design Capacity (PN)[27] per type	Number	Location[28]	Size[29] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Obstacle Course	216	7	Depot	Note 1	N	104	1	180
Confidence Course	216	1	Depot	9.7	N	208	2	214
Day Movement	216	1	Depot	71	N	250	2	214
Combat Assault	216	1	Depot	7.4	N	520	4	107
PT Fields	432	6	Depot	64.6	N	104	2	310
Leatherneck Square (note)	216	1	Depot	13.8	N	260	2	270
Circuit courses	216	5	Depot	Note 1	N	52	1	Note 2
Combat Town	216	1	Depot		N	208	4	312
Rapple Tower	216	1	Depot		N	208	4	134

Note: Leatherneck Square is a multipurpose area where hitting skills, pugil sticks and the LINE (Linear In-fighting Neurological Engagement) program are taught.
Note 2: Circuit courses are located on 5 of 6 PT fields. Their usage is included in the PT field usage. The circuit course can support one half of a 432 - male recruit class while the other half of the

[27]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[28]Applies to ranges only; indicate camp or grid coordinate

[29]Applies to ranges only; include range fan

Type of Training Facility	Design Capacity (PN)[27] per type	Number	Location[28]	Size[29] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Obstacle Course	216	7	Depot	Note 1	N	0	1	180
Confidence Course	216	1	Depot	9.7	N	0	2	214
Day Movement	216	1	Depot	71	N	0	2	214
Combat Assault	216	1	Depot	7.4	N	0	4	107
PT Fields	432	6	Depot	64.6	N	0	2	310
Leatherneck Square (note)	216	1	Depot	13.8	Y	0	2	270
Circuit courses	216	5	Depot	Note 1	N	0	1	Note 2

Note: Leatherneck Square is a multipurpose area where hitting skills, pugil sticks and the LINE (Linear In-fighting Neurological Engagement) program are taught.

Note 2: Circuit courses are located on PT fields. Their usage is included in the PT field usage.

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[27]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[28]Applies to ranges only; indicate camp or grid coordinate

[29]Applies to ranges only; include range fan

class uses the remaining acreage of the PT field simultaneously.
Note 3: The nonavailability is based on maintenance requirements only and is an average of the actual time used.

Type of Training Facility	Design Capacity (PN)[30] per type	Number	Location[31]	Size[32] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Combat Training Pool/Tank	432	1	Depot		N	208	8	235

[30]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[31]Applies to ranges only; indicate camp or grid coordinate

[32]Applies to ranges only; include range fan

k. CCN: 179-60 (Parade and Drill Field)

Type of Training Facility	Design Capacity (PN)[30] per type	Number	Location[31]	Size[32] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Drill Fields	432	7	Depot	21.7 total	N	0	2	360

[30]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[31]Applies to ranges only; indicate camp or grid coordinate

[32]Applies to ranges only; include range fan

1. CCN: 179-40

Type of Training Facility	Design Capacity (PN)[33] per type	Number	Location[34]	Size[35] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr
Combat Town	150	1	Depot	3	N	0	24	17
Rappel Tower	216	1	Depot	1	N	0	5	107

UIC: M00263

[33]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[34]Applies to ranges only; indicate camp or grid coordinate

[35]Applies to ranges only; include range fan

n. Describe any investment you see that could significantly increase your training capacity; include costs and indicate what additional capacity, in terms of training hours per year could be gained.

To increase training capacity, we first must be able to increase the number of recruits we can billet. Training assets are essentially adequate to handle double the current recruit load. The cost to build new squadbays, an additional male recruit training complex and infrastructure (additional barracks, housing, medical space, etc.) is approximately $220M.

o. What major factors preclude full utilization of classroom spaces, e.g.,scheduling inefficiencies for classroom, empty seats due student/instructor ratio, etc.? Historically, what percentage of classroom space is vacant because of these factors? -0-%

Classroom time is a relatively small portion of recruit training. Essentially, classroom spaces are empty when recruits are engaged in training at the rifle range, in the field, at physical training, at drill, or at combat skills.

Historically, Parris Island classrooms are vacant approximately 50% of the time. These are planned vacancies due to the training schedule. Additionally, some redundancy in classroom facilities exists due to changing throughput. During periods of increased recruit accession (national crisis or mobilization) classrooms are fully utilized.

p. In the following table list courses supported by each operational trainer/simulator.

Operational Trainer/Simulator	Courses Supported by CIN
Indoor Simulated Marksmanship Trainer	Male and Female Recruit Training

2. Training Areas. List all of the educational institution's, formal school's, or CAX's land and water training areas; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

Training Area	Size (Acres)	Design Capacity ((PN) or Unit Size per Event)[36]	Non-Availability (FY 1993) (Hrs/Yr)
TA-1	218	432	0
TA-2	28	432	0
TA-3	12	432	0
TA-4	21	150	0

[36]Training area Design Capacity is the average number of personnel or unit type (size) the area can accommodate, based on historical precedent, for quality training of the kind(s) generally attempted in the training area, to safely occur.

3. Airspace. Define the educational institution's, formal school's, or CAX's airspace.

Airspace Name	Dimensions	Scheduling Agency	Controlling Agency
none			

4. Airfields. Complete the following table for each of the educational institution's, formal school's, or CAX's airfields.

Page Field is a WWII era airfield located aboard the Depot. It has been inactive for 40+ years. The area surrounding the old runways and taxiways is used for field training.

Airfield	Location (camp or coordinates)	Ownership (Service/non-DoD)
none		

5. Billeting

a. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN ORGANIZATION/LOCATION	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

5. Billeting

a. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

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

CCN 721-15 (recruit) BLDG #'s								
589 1stBn/Mainside	864	12	864	119,242				
591 1stBn/Mainside	864	12	846	119,242				
599 2ndBn/Mainside	864	12	864	119,242				
601 2ndBn/Mainside	864	12	864	119,242				
416 3rdBn/Mainside	180	3	180	21,375				
417 3rdBn/Mainside	180	3	180	21,375				
418 3rdBn/Mainside	180	3	180	21,375				
419 3rdBn/Mainside	180	3	180	21,375				
420 3rdBn/Mainside	180	3	180	21,375				
421 3rdBn/Mainside	180	3	180	21,375				
422 3rdBn/Mainside	180	3	180	21,375				
423 3rdBn/Mainside	180	3	180	21,375				
424 3rdBn/Mainside	180	3	180	21,375				
737 Wpns Bn/Wpns Bn	180	3	180	21,375				
738 Wpns Bn/Wpns Bn	180	3	180	21,375				
739 Wpns Bn/Wpns Bn	180	3	180	21,375				
751 Wpns Bn/Wpns Bn	180	3	180	21,375				
7001 Wpns Bn/Wpns Bn	180	3	180	21,375				
7003 Wpns Bn/Wpns Bn	756	9	756	94,800				
934 4thBn/Mainside	204	3	204	27,915				
938 4thBn/Mainside	204	3	204	28,423				
931 4thBn/Mainside	204	3	204	28,423				
6000 Rec Brks/Mainside	300	4	300	82,000				
6004 STC/Mainside	576	8	576	71,386				
172 Casual/Mainside	84	2	84	17,684				
CCN 721-12/13 Bldg 300 E5-E9	192	96	192	30,320				

Note: Last three entries are new. Each battalion has the ability to billet 8-10 grad hold recruits. The areas are not designated billeting areas and are also used for Recruits Awaiting Disposition.

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means."

CCN 721-15 (recruit)								
BLDG #'s								
589	864	12	864	119,242				
591	864	12	846	119,242				
599	864	12	864	119,242				
601	864	12	864	119,242				
416	180	3	180	21,375				
417	180	3	180	21,375				
418	180	3	180	21,375				
419	180	3	180	21,375				
420	180	3	180	21,375				
421	180	3	180	21,375				
422	180	3	180	21,375				
423	180	3	180	21,375				
424	180	3	180	21,375				
737	180	3	180	21,375				
738	180	3	180	21,375				
739	180	3	180	21,375				
751	180	3	180	21,375				
7001	180	3	180	21,375				
7003	756	9	756	94,800				
934	204	3	204	27,915				
938	204	3	204	28,423				
931	204	3	204	28,423				
CCN 721-12/13								
Bldg 300 E5-E9	192	96	192	30,320				

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

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?

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

c. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., Recruit, E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

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

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CCN 721-15 (recruit) BLDG #'s								
589	864	12	864	119,242				
591	864	12	846	119,242				
599	864	12	864	119,242				
601	864	12	864	119,242				
416	180	3	180	21,375				
417	180	3	180	21,375				
418	180	3	180	21,375				
419	180	3	180	21,375				
420	180	3	180	21,375				
421	180	3	180	21,375				
422	180	3	180	21,375				
423	180	3	180	21,375				
424	180	3	180	21,375				
737	180	3	180	21,375				
738	180	3	180	21,375				
739	180	3	180	21,375				
751	180	3	180	21,375				
7001	180	3	180	21,375				
7003	756	9	756	94,800				
934	204	4	204	27,915				
938	204	4	204	28,423				
931	204	4	204	28,423				
CCN 721-12/13 Bldg 300 E5-E9	192	96	192	30,320				

CCN 721-15 (recruit)								
BLDG #'s								
589	864	12	864	119,242				
591	864	12	846	119,242				
599	864	12	864	119,242				
601	864	12	864	119,242				
416	180	3	180	21,375				
417	180	3	180	21,375				
418	180	3	180	21,375				
419	180	3	180	21,375				
420	180	3	180	21,375				
421	180	3	180	21,375				
422	180	3	180	21,375				
423	180	3	180	21,375				
424	180	3	180	21,375				
737	180	3	180	21,375				
738	180	3	180	21,375				
739	180	3	180	21,375				
751	180	3	180	21,375				
7001	180	3	180	21,375				
7003	756	9	756	94,800				
934	204	3	204	27,915				
938	204	3	204	28,423				
931	204	3	204	28,423				
CCN 721-12/13								
Bldg 300 E5-E9	192	96	192	30,320				

e. Provide data on the BOQs and BEQs *currently allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e.,E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
CCN 721-12 Bldg 144	100	40	100	53,517				
145	134	54	134	48,808				
146	137	55	146	53,517				
929	72	36	72	14,343				
930	24	12	24	9,420				
931	72	36	72	14,343				
700	133	56	133	73,332				
332	72	72	72	35,688				
CCN 721-13 Bldg 331	72	72	72	35,688				
CCN 724-12 Bldg 289	22	22	17	20,995			5	6,175

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

(1) FACILITY TYPE/CODE: 724-12 BOQ
(2) WHAT MAKES IT INADEQUATE? Rooms do not have individual head facilities.
(3) WHAT USE IS BEING MADE OF THE FACILITY? BOQ
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $38,000
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None.
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Yes. HQMC project to renovate five rooms.
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A for USMC

g. Provide data on the BOQs and BEQs *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for billeting its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. #, & CCN	Total No. of Beds	Total No. of Rooms/ Squadbays	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
CCN 721-12 Bldg 144	100	40	100	53,517				
145	134	54	134	48,808				
146	137	55	146	53,517				
929	72	36	72	14,343				
930	24	12	24	9,420				
931	72	36	72	14,343				
700	133	56	133	73,332				
332	72	72	72	35,688				
CCN 721-13 Bldg 331	72	72	72	35,688				
CCN 724-12 Bldg 289	22	22	17	20,995			5	6,175

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

(1) FACILITY TYPE/CODE: 724-12 BOQ
(2) WHAT MAKES IT INADEQUATE? Rooms do not have individual head facilities.
(3) WHAT USE IS BEING MADE OF THE FACILITY? BOQ
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $38,000
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None.

(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Yes. HQMC project to renovate five rooms.
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A for USMC

6. Messing

a. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX, for feeding its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
CCN 722-10 Bldg 590 1st Bn	23,777	425						975
600 2d Bn	23,189	544						1,000
410 3d Bn	26,052	420						1,000
9264th Bn 769 Wpns Bn	10,022 17,651	426 495						293 1,000

Note 1: Drill Instructors eat at H&S Bn Chow Hall which is Bldg. 149 and is identified in paragraph g of section 6 under CCN: 722-10.
Note 2:
a: The normal hours of operation for the facilities listed is as follows:
Breakfast 0500-0630
Lunch 1100-1300
Dinner 1630-1800
Note: Wpns Bn chow hall serves earlier due to firing requirements.
b: Average time a student spends in the facility is 30 minutes. 20 minutes to consume each meal.

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

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?

6. Messing

a. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX, for feeding its *students or CAX participants*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
CCN 722-10 Bldg 590	23,777	425						975
600	23,189	544						1,000
410	26,052	420						1,000
926 769	10,022 17,651	426 495						293 1,000

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

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

c. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *students or CAX participants in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
CCN 722-10 Bldg 590	23,777	425						975
600	23,189	544						1,000
410 926 769	26,052 10,022 17,6551	420 426 495						1,000 293 1,000

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

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

e. What are your normal hours of operation in the facilities listed above for each meal for students or CAX participants? N/A

f. What is the average time a student or CAX participant spends in the facility (from arrival to departure) per meal? N/A

Facilities UIC: M00263____

g. Provide data on the messing facilities *currently allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support*

personnel, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
CCN 722-10 bldg 149	28,374	372						325

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

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

i. Provide data on the messing facilities *projected to be allotted/dedicated* to the educational institution, formal school, or CAX for feeding its *permanent/support personnel in FY 1997*, either as plant account holders themselves or under a standing agreement with another plant account holder (identify the other plant account holder beneath the table).

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
CCN 722-10 149	28,374	372						325

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

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

k. What are your normal hours of operation in the facilities listed above for each meal for permanent/support personnel?

Breakfast 0530 - 0700, Lunch 1130 - 1300, Dinner 1630 - 1800

l. What is the average time per person spent in the facility (from arrival to departure) per meal? 30 minutes

7. Maintenance and Storage Facilities

a. For each facility CCN listed in the following table allotted/dedicated for use by each educational institution, formal school, or CAX, indicate the average age of the facilities and provide the amount of space available.

CCN	Type of Facility	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	-Ships & Spares	N/A	SF				
214-xx	-Tank,Automotive	48 yrs	"	11304	27749	0	39053
215-xx	Small Arms Shop	see 143-45	"	0	0	0	0
216-xx	Maintenance- Ammo,Explo,Tox	N/A	"	0	0	0	0
217-xx	-Elec & Comm Equipment	see 131-40	"	0	0	0	0
218-xx	-Misc Procured items & equipment	45	"	9059	0	0	9050
219-xx	-Installation Repair & Operation	46	"	50955	0	4465	55420
421-xx	Ammo Storage-Installation	52	"	7080	0	0	7080
441-xx	General Supply Storage -Covered	50	"	187477	6778	250097	444352
451-xx	General Supply Storage -Open	30	"	7452	0	0	7452
143-45 131-40 431-10	Armory Telephone office Cold Storage	11 11 39	0 0 0	11620 5851 0	0 0 0	0 0 26676	11620 5810 26676'
Total	xxxxxx	xxx	xxx	290798 Total SF	34527 Total SF	281238 Total SF	606563 Total SF
411-xx	Liquid Storage Bulk	none	BL	0	0	0	

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b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

Note: Requirements taken from the Basic Facilities Requirements (BFR)

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
213-xx	-Ships & Spares	0	0	0	0	0	0
214-xx	-Tank,Automotive	9720	9720	9720	9720	9720	9720
215-xx	Small Arms Shop	0	0	0	0	0	0
216-xx	Maintenance- Ammo,Explo,Tox	0	0	0	0	0	0
217-xx	-Elec & Comm Equipment	0	0	0	0	0	0
218-xx	-Misc Procured items & equipment	7307	7307	7307	7307	7307	7307
219-xx	-Installation Repair & Operation	29719	29719	29719	29719	29719	29719
421-xx	Ammo Storage-Installation	6216	6216	6216	6216	6216	6216
441-xx	General Supply Storage -Covered	418790	418790	418790	418790	418790	418790
451-xx	General Supply Storage Open	0	0	0	0	0	0
143-45 131-40 431-10	Armory Telephone Office Cold Storage	10000 26676	10000 5851 26676	10000 5851 26676	10000 5851 26676	10000 5851 26676	10000 5851 26676
411-xx Total	Liquid storage Bulk	0 514279	0 514279	0 514279	0 514279	0 514279	0 514279

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

Note: Requirements taken from the Basic Facilities Requirements (BFR)

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
213-xx	-Ships & Spares	0	0	0	0	0	0
214-xx	-Tank,Automotive	9720	9720	9720	9720	9720	9720
215-xx	Small Arms Shop	0	0	0	0	0	0
216-xx	Maintenance- Ammo,Explo,Tox	0	0	0	0	0	0
217-xx	-Elec & Comm Equipment	0	0	0	0	0	0
218-xx	-Misc Procured items & equipment	7307	7307	7307	7307	7307	7307
219-xx	-Installation Repair & Operation	29719	29719	29719	29719	29719	29719
421-xx	Ammo Storage-Installation	6216	6216	6216	6216	6216	6216
441-xx	General Supply Storage -Covered	333431	333431	333431	333431	333431	333431
451-xx	General Supply Storage Open	0	0	0	0	0	0
143-45 131-40 431-10	Armory Telephone Office Cold Storage	11620 5851 26676	11620 5851 26676	11620 5851 26676	11620 5851 26676	11620 5851 26676	11620 5851 26676
411-xx Total	Liquid storage Bulk	0 403864	0 430540	0 430540	0 430540	0 430540	0 430540

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8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of facilities designated or used for administrative purposes by each educational institution, formal school, or CAX.

Type of Facility	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10	50	119820	1733	6245	127,798
Automated data processing installation	610-20	52	8179	0	0	8179
Legal services	610-40	50	16861	0	0	16861
TOTAL	NA	51	144860	1733	6245	152838

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office	86250	60712	60712	60712	60712	
610-20	Automatic data processing installation	8180	8180	8180	8180	8180	
610-40	Legal Services	7653	11500	11500	11500	11500	

8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of facilities designated or used for administrative purposes by each educational institution, formal school, or CAX.

Type of Facility	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10	50	119820	1733	6075	127,628
Automated data processing installation	610-20	20	8179	0	0	8179
Legal services	610-40	50	16861	0	0	16861
TOTAL	NA	NA	144860	1733	6075	152668

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office	60712	60712	60712	60712	60712	
610-20	Automatic data processing installation	8180	8180	8180	8180	8180	
610-40	Legal Services	11500	11500	11500	11500	11500	

9. Library. For each facility, respond to the following three questions. Do not include MWR/on base recreational libraries unless they are used to support courses of instruction.

a. Provide the number of volumes maintained: 33,000

b. Provide the total seating capacity: 50

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	800
Stack Area	5360
Film/Videotape Storage	100
Film/Video Viewing Room	0
Staff Area	421
Classified Material Storage	0
Total:	6681

This section is N/A. All facilities, training area etc. have been included in responses to questions in facilities section A.

B. Other Training Center/School Facilities. Respond to the following nine questions regarding all other facilities, training areas, airspace, and airfields *not included* in response to questions in Facilities Section A.

1. Training Facilities

a. By Facility CCN, complete the following table *for all facilities not reported in Facilities Section A* in which training is conducted. Create additional tables so as to include all 171-*xx*, 179-*xx*, and any other applicable CCNs of facilities in which training occurs. Do not include any inadequate facilities. For CCN 171-20, indicate general or specialized instruction facilities. Ensure that at the minimum, the following range types, if available, are identified under the applicable CCN: pistol, known distance, rifle (field firing), machine gun, anti-armor, tank/LAV, hand grenade, CAS/gunnery, and indirect fire; list each separately in "Type of Training Facility" column indicating type of range *and* its name/number. 24 hours per day availability is presumed for all facilities; in the "Non-Availability" column indicate when the facility cannot be scheduled; and in the "Normally Scheduled for Use" column provide facility usage based on the normal peacetime work schedule in force.

b. CCN: 171-10

Type of Training Facility	Design Capacity (PN)[41] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr

[41]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

c. CCN: 171-20

Type of Training Facility	Design Capacity (PN)[42] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr
General:						
Special						

[42]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

d. CCN: 171-35

Type of Training Facility	Design Capacity (PN)[43] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr

[43]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

e. CCN: 171-

Type of Training Facility	Design Capacity (PN)[44] per type	Number	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
					AverageTraining Hrs/Day	Average Training Days/Yr

[44]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

f. CCN: 179-30

Type of Training Facility	Design Capacity (PN)[45] per type	Number	Location[46]	Size[47] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[45]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[46]Applies to ranges only; indicate camp or grid coordinate

[47]Applies to ranges only; include range fan

g. CCN: 179-

Type of Training Facility	Design Capacity (PN)[48] per type	Number	Location[49]	Size[50] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[48]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[49]Applies to ranges only; indicate camp or grid coordinate

[50]Applies to ranges only; include range fan

h. CCN:

Type of Training Facility	Design Capacity (PN)[51] per type	Number	Location[52]	Size[53] (Acres)	Unique to the Training Center/ School (Y/N)	Non-Availability (FY 1993) (Hrs/Yr)	Normally Scheduled for Use (FY 1993)	
							Average Training Hrs/Day	Average Training Days/Yr

[51]Training facility Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings; e.g. ranges. Design capacity (PN) must reflect current use and configuration of the facilities.

[52]Applies to ranges only; indicate camp or grid coordinate

[53]Applies to ranges only; include range fan

Facilities

i. Describe any investment you see that could significantly increase your capacity to accomplish the training mission; include costs and indicate what additional capacity, in terms of training hours per year could be gained.

j. What major factors preclude full utilization of classroom spaces, e.g., scheduling inefficiencies for classroom, empty seats due student/instructor ratio, etc.? Historically, what percentage of classroom space is vacant because of these factors?

2. Training Areas

a. List all of the Training Center's/School's land and water *training areas not previously reported in Facilities Section A*; include landing zones (LZ)s, gun firing positions (GP)s, etc. that are scheduled individually, and impact areas.

Training Area	Size (Acres)	Design Capacity ((PN) or Unit Size per Event)[54]	Non-Availability (FY 1993) (Hrs/Yr)

[54]Training area Design Capacity is the average number of personnel or unit type (size) the area can accommodate, based on historical precedent, for quality training of the kind(s) generally attempted in the training area, to safely occur.

3. Airspace. Define the Training Center's/School 's *airspace not previously reported in Facilities Section A.*

Airspace Name	Dimensions	Scheduling Agency	Controlling Agency

4. Airfields. Complete the following table for each of the Training Center's/School's airfields *not previously reported in Facilities Section A.*

Airfield	Location (camp or coordinates)	Ownership (Service/non-DoD)

5. Billeting

a. Provide data on the Training Center's/School's BOQs and BEQs *currently allotted* to billet permanent/support *personnel not assigned to an educational institution, formal school, or CAX* (not reported in Facilities Section A). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

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

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

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

c. Provide data on the BOQs and BEQs *projected to be allotted* to billet permanent/support *personnel not assigned to an educational institution, formal school, or CAX in FY 1997* (not reported in Facilities Section A). The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

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

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

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

6. Messing

a. Provide data on the Training Center's/School's messing facilities *currently allotted* to feed permanent/support personnel *not assigned to an educational institution, formal school, or CAX* (not reported in Facilities Section A).

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

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

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

c. Provide data on the Training Center's/School's messing facilities *projected to be allotted* to feed permanent/support personnel *not assigned to an educational institution, formal school, or CAX in FY 1997* (not reported in Facilities Section A).

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

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

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

e. What are the normal hours of operation in the facilities listed above for each meal ?

f. What is the average time per person spent in the facility (from arrival to departure) per meal?

Facilities UIC: _____

7. Maintenance and Storage Facilities

a. For each facility CCN listed in the following table which exists at the Training Center/School and *not previously reported in Facilities Section A*,

indicate the average age of the facilities and provide the amount of space available.

CCN	Type of Facility	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	-Ships & Spares		SF				
214-xx	-Tank,Automotive		"				
215-xx	Small Arms Shop		"				
216-xx	Maintenance- Ammo,Explo,Tox		"				
217-xx	-Elec & Comm Equipment		"				
218-xx	-Misc Procured items & equipment		"				
219-xx	-Installation Repair & Operation		"				
421-xx	Ammo Storage-Installation		"				
441-xx	General Supply Storage -Covered		"				
451-xx	General Supply Storage -Open		"				
xxx-xx	Other						
Total	xxxxxx	xxx	xxx	Total SF	Total SF	Total SF	Total SF
411-xx	Liquid Storage Bulk		BL				

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
213-xx	-Ships & Spares						
214-xx	-Tank,Automotive						
215-xx	Small Arms Shop						
216-xx	Maintenance- Ammo,Explo,Tox						
217-xx	-Elec & Comm Equipment						
218-xx	-Misc Procured items & equipment						
219-xx	-Installation Repair & Operation						
421-xx	Ammo Storage-Installation						
441-xx	General Supply Storage -Covered						
451-xx	General supply Storage Open						
xxx-xx	Other						
Total	xxxxxxxxxxxxxxxxxxxxxx						
411-xx	Liquid storage Bulk						

8. Administrative Spaces

a. In the following table, indicate the average age and total space available, of Training Center/School facilities designated or used for administrative purposes and *not previously reported in Facilities Section A*.

Building type	CCN	Average Age	Adequate	Substandard	Inadequate	Total
Administrative Office	610-10					
Automatic data processing installation	610-20					
Legal services	610-40					
TOTAL	NA	NA				
MEF/MEB/MEU Headquarters	610-xx					
Regiment/Group Headquarters	610-71					
Battalion[55]/Squadron Headquarters	610-72					
TOTAL	NA	NA				

[55]Include company/battery administrative spaces

Facilities

UIC: M00263

b. Complete the following table for **current and projected future requirements** in SF for each facility CCN listed in the preceding table.

CCN	Type of Facility	Current Requirement	FY 1995 Requirement	FY 1997 Requirement	FY 1999 Requirement	FY 2001 Requirement	Mobilization Requirement (FY 2001)
610-10	Administrative office						
610-20	Automatic data processing installation						
610-40	Legal Services						
610-xx	MEF/MEB/MEU Headquarters						
610-71	Regiment/Group Headquarters						
610-72	Battalion/Squadron Headquarters						

9. Library. For each facility *not reported in Facilities Section A*, respond to the following three questions. Include MWR/on base recreational libraries not listed in reply to Facilities question A.9.

a. Provide the number of volumes maintained:

b. Provide the total seating capacity:

c. In the following table provide the total square footage for the areas indicated:

Library Spaces	Square Footage
Reading Area	
Stack Area	
Film/Videotape Storage	
Film/Video Viewing Room	
Staff Area	
Classified Material Storage	
Total:	

Features and Capabilities

A. Expansion[56]

N/A

[56]Applies to Marine Corps Air Ground Combat Center only

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

J. W. KLIMP
NAME (Please type of print)

Signature

Commanding General
Title

3 JUN 94
Date

MCRD/ERR Parris Island

Data Call # 22

Data Call 22, UIC: M00263
MCRD/ERR Parris Island SC

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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)

R. K. RIGGS
Acting Deputy Chief of Staff
for Installations and Logistics

NAME (Please type or print) _____ Signature _____

Title _____ 20 MAY 1994 Date

MCRD PARRIS ISLAND DATA CALL 22, CHANGE 1

pg 6, 10, 17, 66, 75, 76

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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)

R. K. RIGGS
NAME (Please type or print)
Acting Deputy Chief of Staff
for Installations and Logistics
Title

Signature

SEP 1 1994
Date

Data Call 22

BRAC-95 CERTIFICATION P9

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

DATA CALL: TWENTY-TWO

ACTIVITY: MCRD/ERR PARRIS ISLAND

PAGE (S): 6, 10, 17, 66, 75, 76

BSWG REVIEW OFFICIAL

G. W. MOORE
NAME (Please type or print)

MAJOR, LFL-3
Title

GW Moore
Signature

1 SEP 94
Date

DATA CALL 22 PARRIS ISLAND, CHANGES TO PAGES 7, 9, 10, and 11

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
INSTALLATIONS & LOGISTICS

NAME (Please type of print

Signature

Title

Date 9/20/94

BRAC-95 CERTIFICATION

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

DATA CALL: 22

ACTIVITY: MCRD PARRIS ISLAND

PAGE (S): 7, 9 10, 11

BSWG REVIEW OFFICIAL

G. W. MOORE
NAME (Please type or print)

Major (LFL-3)
Title
(Based on MCRC Statistician certified input)

G W Moore
Signature

19 Sept 94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

J. W. KLIMP
Name (Please type of print)

Commanding General
Title

MCRD PISC
Activity

Signature

7 Sep '94
Date

DATA CALL 22 REVISION
MCRD/ERR PARRIS ISLAND

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 (Please type of print

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

Signature

Ti

Date 11/24/94

DATA CALL 22 PAGE CHANGES MCRD/ERR PARRIS ISLAND

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

11/28/94

Date

BRAC-95 CERTIFICATION

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

DATA CALL: 22

ACTIVITY: MCRD/ERR PARRIS ISLAND

PAGE (S): 16B, 51A, SUPPLEMENTAL

BSWG REVIEW OFFICIAL

G.W. MOORE, MAJOR
NAME (Please type or print)

LONG RANGE LAND USE PLANNER
Title

G W Moore
Signature

28 NOV 94
Date

Document Separator

232

R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**PARRIS ISLAND SC MCRD**
Unit Identification Code (UIC):	**M00263**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1995	270	RECRUIT TRAINING FACILITY	MCON	5,800
1995	310	CHILD DEVELOPMENT CENTER	MCON	2,550
		Sub-Total - 1995		**8,350**
1999	018	BATTALION OPS CENTER	MCON	2,360
1999	048	GENERAL WAREHOUSE	MCON	9,300
		Sub-Total - 1999		**11,660**
2001	201	TARGET FACTORY	MCON	1,800
		Sub-Total - 2001		**1,800**
		Grand Total		**21,810**

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON
NAME (Please type or print)

MDThornton
Signature

CDR, CEC, USN
Title

9 Dec 94
Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

MAJOR CLAIMANT LEVEL

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

Signature

COMMANDER
Title

12/9/94
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

12/7/94
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	PARRIS ISLAND SC MCRD
Unit Identification Code (UIC):	M00263 #232
Major Claimant:	MARCORPS

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1995	310	CHILD DEVELOPMENT CENTER	MCON	1,352
		Sub-Total - 1995		**1,352**
1997	270	RECRUIT TRAINING FAC	MCON	4,890
		Sub-Total - 1997		**4,890**
1999	018	BATTALION OPS CENTER	MCON	2,360
1999	048	GENERAL WAREHOUSE	MCON	9,300
		Sub-Total - 1999		**11,660**
2001	201	TARGET FACTORY	MCON	1,800
		Sub-Total - 2001		**1,800**
		Grand Total		**19,702**

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

7/13/94
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

7/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)

Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

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

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,

2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,

3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

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

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

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

Projects with projected CWE amount greater than $15M.

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

Document Separator

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

232

Table 2: **Family Housing Construction Projects.**

Installation Name:	MCRD PARRIS ISLAND, SC
Unit Identification Code (UIC):	M00263
Major Claimant:	HQMC

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
96	PIH-9604M2	HISTORIC REPAIR PH I	FHSG	193
		SUB TOTAL-1996		193
97	PIH-9602M2	WHR 77 UNITS	FHSG	3,055
97	PIH-9702M2	WHR 4 UNITS	FHSG	335
97	PIH-9703M2	HISTORIC REPAIR PH II	FHSG	273
		SUBTOTAL-1997		3,663
		GRAND TOTAL		3,856

232

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Installation Name:	MCRD PARRIS ISLAND
Unit Identification Code (UIC):	M00263
Major Claimant:	HQMC

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1997	P-270	RECRUIT TRAINING FACILITY	MCON	4,890
	Sub Total	1997		4,890
1999	P-018	RECRUIT BTN OPERATIONS CENTER	MCON	2,360
1999	P-048	GENERAL WAREHOUSE STORAGE	MCON	9,300
	Sub Total	1999		11,660
2001	P-201	TARGET FACTORY	MCON	1,800
	Sub Total	2001		1,800
	Grand Total			18,350

Data Call 64

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 or print

Signature

Title

7/28/94

Date

Document Separator

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	Marine Corps Recruit Depot, Parris Island, SC
Unit Identification Code (UIC):	M00263
Major Claimant:	Headquarters, USMC

Percentage of Military Families Living On-Base:	39%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	2,805 (see Note 1.)
Total Number of Officer Housing Units:	116 (see Notes 2. and 4.)
Total Number of Enlisted Housing Units:	470 (see Notes 3. and 4.)

Note 1. - In addition to housing aboard Parris Island, the Depot shares housing with MCAS Beaufort at Laurel Bay, SC. The Parris Island FY96 Housing budget is $1,269M; the Depot's prorated share of Laurel Bay Housing is 355 units with a budget of $1,536M.

Note 2. - 61 units aboard Parris Island; 55 units aboard Laurel Bay under CO, MCAS.

Note 3. - 170 units aboard Parris Island; 300 units aboard Laurel Bay under CO, MCAS.

Note 4. - Officer and enlisted housing unit numbers do not reflect 125 fully-utilized mobile home spaces aboard Parris Island. These spaces are first come, first served to all ranks and are not designated as assignment to government quarters. Mobile home residents pay a monthly lot rent of $40.50 to HQMC (in order to amortize the mobile home park over 25 years) and a flat rate services fee of $50.40 to Depot Housing to cover water, sewage, refuse, recycling and maintenance. Residents pay their own electric bills.

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

Enclosure (1)

DATA CALL 63 for PARRIS ISLAND

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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 8/8/94

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

J. J. KISPERT
NAME (Please type of print)

J. J. Kispert
Signature

COMMANDER (ACTING)
Title

7.14.94
Date

MCRD PISC
Activity

Data Call #63

Document Separator

DATA CALL 1: GENERAL INSTALLATION INFORMATION

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

- Name

Official name	*Marine Corps Recruit Depot/Eastern Recruiting Region, Parris Island*
Acronym(s) used in correspondence	*MCRD/ERR, PISC*
Commonly accepted short title(s)	*Marine Corps Recruit Depot, Parris Island*

- Complete Mailing Address

  Marine Corps Recruit Depot/Eastern Recruiting Region
  P.O. Box 19001
  Parris Island, South Carolina 29905-9001

- PLAD CG MCRD ERR PARRIS ISLAND SC

- PRIMARY UIC: M00263 (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: N/A

2. PLANT ACCOUNT HOLDER:

- Yes x No _____ (check one)

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

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

- Yes ___X___ No _____ (check one)

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

- Yes _____ No ___X___ (check one)
- Primary Host (current) UIC: ___N/A___
- Primary Host (as of 01 Oct 1995) UIC: ___N/A___
- Primary Host (as of 01 Oct 2001) UIC: ___N/A___

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

- Yes _____ No ___X___ (check one)

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

Name	Location	UIC
N/A	N/A	N/A

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

Name	UIC	Location	Host name	Host UIC
N/A	N/A	N/A	N/A	N/A

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

No.

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

- Recruit and train male and female recruits.
- Train Drill Instructors
-
-
-
-

Projected Missions for FY 2001

- No projected changes.
-
-
-
-

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

- No unique missions.
- No National Command Authority or classified missions.
-

Projected Unique Missions for FY 2001

- None projected.
-
-

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
Commandant of the Marine Corps	M00027
• Funding Source	UIC
Commandant of the Marine Corps	M00027

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	198	1720	474
Tenant Command	53	200	116

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian
(Appropriated)			
• Reporting Command	201	1847	461
• Tenants (total)	55	162	119

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
• Commanding General			
Brigadier General J. W. KLIMP			
Office	DSN 832-2535		
FAX	DSN 832-3980		
Home	The CG can be reached via the Command Duty Officer DSN 832-3712		
• Duty Officer DSN 832-3712			
• BRAC-95 POC's:	Colonel F. L. TURNER, AC/S, G-4, DSN 832-2511		
	Captain S. W. MATTHEWS, G-4 OPSO, DSN 832-2511		

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
Defense Commissary Agency (DECA)	HQCSKP	-0-	-0-	35
Defense Accounting Service (DFAS)	HQO141	-0-	4	18
Defense Reutilization & Marketing Office (DRMO)	SYP194	-0-	-0-	5
Human Resources (HRO)	00146	-0-	-0-	21
Naval Criminal Investigative Service (NIS)	42934	-0-	1	8
Branch Medical Clinic	61337	16	84	5
Naval Facilities Engineering Command	62467	4	-0-	15
Naval Dental Clinic	68411	35	71	12
Total		55	162	119

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
N/A				

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
N/A					

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
N/A					

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

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
Marine Corps Air Station	Beaufort SC	Retail supply & storage operation for clothing, maintenance & utilities for microwave tower, subsistence storage, laundry services, maintenance & repair of ordnance equipment, rifle ranges for annual requalifications, corrections facility for confinement of personnel. ISSA
USMC Security Forces	Kings Bay, GA Charleston SC	These Security Forces use the Depot's rifle ranges for annual requalifications. When here, billeting, messing and weapons repair/maintenance is provided. ISSA
USMC Reserve Units	Albany, GA Marietta GA Augusta GA Savanah GA Columbia SC Jacksonvil le, FL Greenville SC	The reserve units listed use the Depot's rifle ranges for annual requailifications. Additionally, billeting, messing and weapons repair/maintenance is provided. ISSA
continued		

USMC Recruiting Station	*Jacksonville, FL*	*Housing for recruiters working in the Beaufort area. ISSA*
U.S. Army	*Fort Stewart, GA*	*Confinement of personnel in the Depot's corrections facility. ISSA*
USA Corps of Engineers	*Charleston SC*	*Utilities for Tower ISSA*

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

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

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map

should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

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

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

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

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)

NAME (Please type or print) _____ Signature RA. Tiwl

Title _____ Date 18 FEB 1994

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

BGen J. W. KLIMP
NAME (Please type or print)

Signature

Commanding General
Title

Date 8 Feb 94

Marine Corps Recruit Depot/
Eastern Recruiting Region, Parris Island
Activity

UNITED STATES MARINE CORPS
MARINE CORPS RECRUIT DEPOT/EASTERN RECRUITING REGION
PARRIS ISLAND, SOUTH CAROLINA 29905-5001

11011
G-4

From: Commanding General, Marine Corps Recruit Depot/Eastern Recruiting Region, Parris Island
To: Commandant of the Marine Corps (LFL)

Subj: BASE CLOSURE AND REALIGNMENT ACT DATA CALL NUMBER ONE FOR 1995 SELECTION PROCESS

REF: (a) CMC ltr 11011 LFL/B-200 of 14 Jan 1994

Encl: (1) Data Call Number 1 with Certification
(2) Facility Maps
(3) Disk containing Data Call Number 1

1. In response to the reference, enclosures (1) through (3) are provided.

J. W. KLIMP

INSTALLATION DATA

GENERAL INFORMATION

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

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

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

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