DCN 1467

12 MAY 1994

MILITARY VALUE ANALYSIS:
DATA CALL WORK SHEET FOR
U.S. MARINE CORPS BASES: MARINE CORPS BASE, CAMP LEJEUNE

Category ..... Operational Support
Sub-category ..... Marine Corps Bases
Claimant..... CMC

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

MARINE CORPS BASE LISTING:

Name	Location
MCB CAMP LEJEUNE	**CAMP LEJEUNE NC**
MCB CAMP PENDLETON	CAMP PENDLETON CA
MCB HAWAII	KANEOHE HI

DATA CALL WORK SHEET FOR MARINE CORPS BASE CAMP LEJEUNE
(Data for Military Value Analysis)

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DATA CALL FOR MARINE CORPS BASE
(Data for Military Value Analysis)

Mission Area

A. Mission Suitability

1. How many acres does the base encompass?
   Main site - 149,228
   Off site - 2,772 at Marine Corps Air Station, New River

2. How many miles of beach are available at the base?

   Fourteen (14)

3. What percent of the beach is suitable for amphibious assault training? (No environmental restrictions)

   One hundred percent (100%) is suitable for amphibious assault training.

4. How large (acres) is the maneuver area behind the amphibious assault beach?

   There are 69,000 acres of maneuver area, not including waterways, with an additional 41,000 acres within the Greater Sandy Run Area (GSRA) for a total of 110,000 acres of maneuver area behind the beach at Camp Lejeune.

5. For those beaches that are suitable for amphibious assaults complete the following table.

Assault Beach Name	Size (length in yds)	Restrictions				Do restrictions apply to ground(G) air(A) or both(GA)
		natural	man-made	environment	other	
ONSLOW BEACH	*67,760*	*X*		*X*		*G*

6. Briefly describe the restrictions identified in the question above.

   Utilization of Onslow Beach from the sand dunes seaward is subject to restrictions during the nesting season of (May - October) of migratory marine mammals (Green Sea Turtle and Atlantic Loggerhead Turtle). During the nesting season, night landing exercises

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DATA CALL FOR MARINE CORPS BASE Camp Lejeune
(Data for Military Value Analysis)

What is the capability of the base to provide training, housing, logistic support, and administrative support for tenant Fleet Marine Force units, Base units, and Reserve units.

Mission Area

A. Mission Suitability

How many acres does the base encompass?

Marine Corps Camp Lejeune Complex 152,000 acres. (Includes 2,772 acres at New River Air Station within the complex)

How many miles of beach are available at the base? What percent of that is allowed for amphibious operations training?

There are 14 miles of beach available at the base, 100% of which is suitable for amphibious operations training and 85% of which is routinely used.

How large is the maneuver area behind the beach and what are the primary characteristics?

There are 69,000 acres of maneuver area, not including waterways, with an additional 41,000 acres within the Greater Sandy Run Acquisition for a total of 110,000 acres of maneuver area befind the beach at Camp Lejeune. The area is flat, sandy, and wooded.

What restrictions apply for landing forces penetrating to the maneuver areas from the beaches? (natural, man-made, regulatory)

No vehicles are allowed on the dunes and must cross dunes at designated crossings. The Atlantic Intracoastal Waterway (AIWW) lies between the beach and the maneuver area and must be cross at designated splash points.

How large is the indirect live firing area in the proximity of the landing beaches and landing zones? Include live firing on off-lying islands or to seaward

Inland = 24 square kilometers = 14.4 square miles
Seaward = 130 square kilometers = 78 square miles

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How large in square miles is the sea echelon area for the maneuver of assault shipping and Naval sea-control forces?

250.9 square miles Buoyed by Coast Guard

List associated special use airspace (size, type, designation).

Restricted Air space R-5306D, surf to 17,999 Feet 258 square miles
Restricted Air space R-5036E, surf to 17,999 Feet 7.3 square miles.

should be reduced to a minimal level. Night lighting on the beaches should be kept to a minimum or eliminated. Vehicular traffic on the beaches is restricted to the tidal zone except within the identified operating area, provided all turtle nests have been removed from the operating areas prior to any landings.

6.a. What restrictions apply for landing force **penetrating to the maneuver areas** from the beaches? Briefly describe.

No vehicles are allowed on the dunes and must cross dunes at designated crossings. The Atlantic Intercoastal Waterway (AIWW) lies between the beach and the maneuver area and must be crossed at designated splash points.

7. How large(acres) are the indirect live fire areas that are used to support the amphibious assault training? Include live firing on off-lying islands or to seaward, but distinguish between them.

Inland - 9,216 acres
Seaward - 49,920 acres

Total - 59,136 acres

8. How large in square miles is the sea echelon area for the maneuver of assault shipping and naval sea-control forces?

250.9 square miles buoyed by the U. S. Coast Guard

9. List the special use airspace (MOAs, CFAs, restricted airspace, air combat maneuver range, warning areas) that are associated with the Marine Corps Base.

Name	Size	Type	Distance from MCB	Controlling Agency	Restrictio ns
R-5306D	Approx 58,000 acres	Restricted Airspace	Encompasses MCB Camp Lejeune	MCB Camp Lejeune (Range Control)	Not to exceed 17,999 feet
R-5306E	Approx 4,000 acres	Restricted Airspace	Encompasses MCB Camp Lejeune	MCB Camp Lejeune (Range Control)	Not to exceed 17,999 feet

10. List the air delivered ordnance impact areas located at or associated with the Marine Corps Base.

Name	Size (LxW) yds/Acres	Distance from assault beaches, maneuver areas (yds) or the MCB (mi)	Restrictions
G-10	4,400 X 3,300 yds	5 miles from MCB	Not to exceed 17,999 feet
K-2	3,300 X 2,750	10 miles from MCB	Not to exceed 17,999 feet
BT-3	16,300 X 12,500	2 miles from MCB	Not to exceed 17,999 feet

10.a. How many artillery firing points are in service at the Marine Corps base?

Fifty-seven (57) gun positions

10.b. List the restrictions and limitations on indirect fire at the Marine Corps base.

Indirect fire is limited only when air type operations are in front of the gun target line or the associated airspace is occupied.

10.c. List those maneuver areas where live fire is permitted.

None.

11. How many helicopter tactical landing zones, confined area landing zones and drop zones are available on the Marine Corps Base?

Twenty-eight (28) helicopter tactical landing zones
confined area landing zones
Twelve (12) drop zones

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

Training Area	Unusable Acres	Reason Unusable
None		

11.b. 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
FA, FB, FC	When the F-4 Range is being utilized, the cited training areas are closed.
FA	When the F-5 Range is being utilized, the cited training area is closed.
LA, LB	When the L-5 Range is being utilized, the cited training areas are closed.
FB, FC, GPs 100/101	When the F-18 Range is being utilized, the cited training areas are closed.
MAC Ranges, MOUT, MPs 1, 2, 3, 4, 5, 6 and 7; OPs 1, 2, 3, 4, and 5, LZ Raven, TWSEAS, ALZ 28, G-6, G-7, G-8, G-9, G-10, FC, GA, GB, GC, GD, GE, GPFs 100, 101, 102 and 104	When 50 cal and TOW are being utilized on the G-3 Range, the cited training areas are closed.

11.c For **each** training area with environmental restriction, describe the restriction, the impact on training, and any mitigation required.

TRAINING AREA: FB, FD, GB, GC, GD, GE, G-4A, HB, HE, HF, IA, ID, IE, KB, KC, LA, LB, MD, ME, MF, QA and QB
RESTRICTION: (1) Restricted use of any vehicle, wheeled or tracked, (2) Restricted cutting or damaging of pine trees of any size, (3) Restricted excavating and/or digging which may damage the root structures of pine trees, (4) Restricted establishment of command posts or bivouac sites, (5) Restricted tree-topping of antennas, girdling of pine trees with communications wire, burying of cable and the climbing of pine trees with tree gaffs, and (6) Restricted firing of artillery within 200 meters of cavity trees.
IMPACT ON TRAINING: Restricted vehicle movement through and use of designated Red Cockaded Woodpecker (RCW) areas.
MITIGATION REQUIRED: A study into the possibility of closer isolation of habitat to reduce effected nesting areas.

TRAINING AREA: Onslow Beach
RESTRICTION: (1) Utilization of Onslow Beach from the sand dunes seaward is subject to restrictions during the nesting season (May - October), (2) Restricted night landing exercises during the nesting season, (3) Restricted night lighting on the beaches during the nesting season, and (4) Restricted vehicular traffic on the beach to the tidal zone, except within the identified operating areas, provided all turtle nests have been removed from the operating areas prior to any landings.
IMPACT ON TRAINING: Reduced operating areas along Onslow Beach.
MITIGATION REQUIRED: MCB Camp Lejeune, Environmental Management Department (EMD) must be notified for the removal of the nesting prior to vehicular traffic on the beach. Individuals identifying turtle nests that have not been previously identified will report nests to MCB (EMD). Nests south of Risely Pier in the operating area will be relocated to other safe locations. Relocation shall be accomplished by MCB (EMD) personnel only.

TRAINING AREA: BT-3/N1
RESTRICTION: Potential temporary closure of ranges G-5, G-6, and G-7 due to migratory marine mammal movement during the period of February - April.
IMPACT ON TRAINING: Potential loss of training time requiring rescheduling.
MITIGATION REQUIRED: Once a day visual checks of effected areas during the migratory season.

TRAINING AREA: SRE, SRM, SRP, SRU, and GE
RESTRICTION: The areas are clearly marked as federally protected plant species.
IMPACT ON TRAINING: Continued awareness of marked areas to ensure troop/vehicle movement is avoided.
MITIGATION REQUIRED: Include areas on MCB Camp Lejeune Special Map series. Inform maneuver units to incorporate restricted area as natural obstacles precluding foot or vehicular movement during training exercises.

TRAINING AREA: HB and Wallace Creek Natural Area (FA)
RESTRICTION: Restricted to non-vehicular training except for existing trails.
IMPACT ON TRAINING: Restricted to foot movement of troops.
MITIGATION REQUIRED: Include designated area on Camp Lejeune Special Map series. Inform maneuver units to incorporate restricted areas as natural obstacles precluding any vehicular movement during training exercises.

11.d. Are all your training areas/ranges (including assault beaches, sea echelon areas, and live fire areas) outlying maneuver areas and airspace, actively managed (scheduled, controlled or coordinated) by the Marine Corps Base? List those that are not controlled by you.

Yes

11.e. List other service training ranges (including assault beaches, sea echelon areas and live firing areas), outlying maneuver areas, and airspace that are actively managed (scheduled, controlled or coordinated) by the Marine Corps base.

Name	Location of Training Asset	Managed By
None		

11.f. List other installations (DOD and non-DOD) that could be considered for performing these duties.

None

B. OPERATIONS

12. List the major exercises (ie. battalion and larger MAGTF exercises) occurring at the Marine Corps base or outlying facilities for FY 89?

TRAINING EXERCISE DATA FY-89

Type of Exercise	Frequency	Number of Ships	Number of Troops	Number of Artillery	Number of Tanks	Number of Hcpt/FW		Number of Craft
CAPEX	4	0	300	6	4	7	8	0
CASP/ SATEX	3	0	900	18	4	6	120	0
SOLID SHIELD	1	5	30,000	96	48	70	0	38 LNDING CRAFT
MEF CPX	1	0	4,000	0	0	0	0	0
DIV CPX	4	0	600	0	0	0	0	0

MEU/SOC EX	4	4	3,500	6	0	22	0	37 BOATS/ RIGID RAIDE R
AAV CERT	2	1	50	0	0	0	0	12 ASLT CRAFT
BN FFEX	102	0	600	18	35	6	0	8 ASLT CRAFT
DIV RPV	12	0	60	0	0	0	0	4 RPV
REGT CPX	16	0	200	0	0	0	0	0
CAS/CIFS (L)	120	0	15	6	0	2	4	0
PRCHT OP	36	0	20	0	0	2	1	0
DIV CAO	1	0	1,000	36	12	8	0	0
ENGR TRP TRNG	8	0	100	0	0	0	0	0
4TH DWG	1	2	8,100	12	0	22	0	8 ASLT CRAFT
WKD RSV TRNG	16	0	110	0	0	0	0	0
2D MEB	4	0	143	0	0	0	0	0
6TH MEB	4	0	0200	0	0	0	0	0
82D ADA	1	0	300	0	0	0	0	0
2D LAAM BN	1	0	0500	0	0	0	0	0
FLEETEX	1	0	500	0	0	0	0	0

12.a. List the major exercises (ie. battalion and larger MAGTF exercises) occurring at the Marine Corps base or outlying facilities for FY 90?

TRAINING EXERCISE DATA FY-90

Type of Exercise	Frequency	Numbe r of Ships	Number of Troops	Number of Artillery	Number of Tanks	Number of Hcpt/FW		Number of Craft
CAPEX	4	0	300	6	4	7	8	0
SATEX	3	0	900	18	4	6	120	0
TCAT	3	2	900	6	14	8	0	5 LCU
DIV CPX	1	0	600	0	0	0	0	0
MEU/SOC EX	4	4	3,500	6	0	22	0	37 BOATS/ RIGID RAIDE R
AAV CERT	2	1	50	0	0	0	0	12 ASLT CRAFT
BN FFEX	84	0	600	18	35	6	0	8 ASLT CRAFT
RPV EX	12	0	60	0	0	0	0	4 RPV
REGT CPX	16	0	200	0	0	0	0	0
CAS/CIFS (L)	120	0	15	6	0	2	4	0
ENGR TRP TRNG	8	0	100	0	0	0	0	0
PRCHT OPS	36	0	20	0	0	2	1	0
4TH DWT	1	2	8,800	18	12	18	0	0
WKD RSV TRNG	15	0	100	0	0	0	0	0
2D MEB	4	0	143	0	0	0	0	0
82D ADA	1	0	300	0	0	0	0	0
2D LAAM BN	1	0	500	0	0	0	0	0

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12.b. List the major exercises (ie. battalion and larger MAGTF exercises) occurring at the Marine Corps base or outlying facilities for FY 91?

TRAINING EXERCISE DATA FY-91

Type of Exercise	Frequency	Numbe r of Ships	Number of Troops	Number of Artillery	Number of Tanks	Number of Hcpt/FW		Number of Craft
CAPEX	2	0	300	6	4	7	8	0
SATEX	1	0	900	18	4	6	120	0
TCAT	1	2	900	6	14	8	0	5 LCU
DIV CPX	3	0	600	0	0	0	0	0
MOUT DEMO	1	0	800	2	0	3	4	0
MEU/SOC EX	4	4	3,500	6	0	22	0	37 BOATS/ RIGID RAIDE R
AAV CERT	1	0	50	0	0	0	0	12 ASLT CRAFT
BN FFEX	32	0	600	18	35	6	0	8 ASLT CRAFT
REGT CPX	8	0	200	0	0	0	0	0
PRCHT OPS	2	0	20	0	0	2	1	0
CAS/CIFS (L)	36	0	15	0	0	2	4	0
4TH DWT	1	0	300	0	0	0	0	0
WKD RSV TRNG	9	0	120	0	0	0	0	0
2D MEB	1	0	900	6	0	0	0	0

12.c. List the major exercises (ie. battalion and larger MAGTF exercises) occurring at the Marine Corps base or outlying facilities for FY 92?

TRAINING EXERCISE DATA FY-92

Type of Exercise	Frequency	Numbe r of Ships	Number of Troops	Number of Artillery	Number of Tanks	Number of Hcpt/FW		Number of Craft
CAPEX	4	0	300	6	4	7	8	0
SATEX	3	0	900	18	4	6	120	0
TCAT	3	2	900	6	14	8	0	5 LCU
OV-92	1	5	30,000	108	58	70	0	38 ASLT CRAFT
MEF CPX	4	0	4,000	0	0	0	0	0
DIV CPX	6	0	6,000	0	0	0	0	0
MOUT DEMO	3	0	800	2	0	3	4	0
MEU/SOC EX	4	4	3,500	6	0	22	0	37 BOATS/ RIGID RAIDE R
AAV CERT	2	1	50	0	0	0	0	12 ASLT CRAFT
SRIG EX	4	0	1,800	0	0	3	0	5 ASLT CRAFT
BN FFEX	96	0	600	18*	35**	6	0	8 ASLT CRAFT
RPV EX	12	0	60	0	0	0	0	4 RPV
REGT CPX	16	0	200	0	0	0	0	0
82D ADA	1	0	300	0	0	0	0	0
2D LAAM	1	0	500	0	0	0	0	0

ELLIPSE ALPHA	1	0	500	0	0	6	4	4
PRCHT OPS	36	0	20	0	0	2	1	0
TANK BN REQUAL	1	0	600	0	44	0	0	0
LAV BN REQUAL	1	0	500	0	0	0	0	0
ENGR TRP TRNG	8	0	100	0	0	0	0	0
BATTLE GRIFFIN	1	2	800	6	0	0	0	0
TACON	1	0	6,000	0	0	0	0	0
4TH DWT	1	0	13,000	18	12	18	0	0
WKD RSV TRNG	18	0	225	0	0	0	0	0
2D MEB	4	0	143	0	0	0	0	0
POLICE TRNG	3	0	10	0	0	0	0	0
MEF MAINT	52	0	26,000	0	0	0	0	0
FBI EX	2	0	25	0	0	2	0	0
BERMUDA REGT	1	0	200	0	0	0	0	0
CAS/CIFS (L)	120	0	15	6	0	2	4	0

* Tank Bn only
** Arty Bn only

13. List the major exercises (ie. battalion and larger MAGTF exercises) occurring at the Marine Corps base or outlying facilities for FY 93?

TRAINING EXERCISE DATA FY-93

Type of Exercise	Frequency	Numbe r of Ships	Number of Troops	Number of Artillery	Number of Tanks	Number of Hcpt/FW		Number of Craft
CAPEX	4	0	300	6	4	7	8	0
SATEX	3	0	900	18	4	6	120	0
TCAT	4	2	900	6	14	8	0	5 LCU
OV-93	1	5	1,000	108	58	70	0	38 ASLT CRAFT
MEF CPX	4	0	4,000	0	0	0	0	0
DIV CPX	4	0	600	0	0	0	0	0
MOUT DEMO	3	0	800	2	0	3	4	0
MEU/SOC EX	4	4	3,500	6	0	22	0	37 BOATS/ RIGID RAIDE RS
AAV CERT	2	1	50	0	0	0	0	12 ASLT CRAFT
SRIG EX	4	0	1,800	0	0	3	0	5 UAV
BN FFEX	90	0	600	18*	35+	6	0	8 ASLT CRAFT
UAV/RPV EX	12	0	90	0	0	0	0	8 UAV/R PV
REGT CPX	16	0	200	0	0	0	0	0
TANK BN REQUAL	1	0	600	0	44	0	0	0

RECON (LA) REQUAL	1	0	400	0	0	0	0	0
ENGR TRP TRNG	8	0	100	0	0	0	0	0
FBI EX	2	0	25	0	0	2	0	0
POLICE TRNG	3	0	10	0	0	0	0	0
MEF MAINT	52	0	26,000	0	0	0	0	0
BASCOL EX	6	1	250	0	0	6	0	0
TACON	1	0	5,500	0	0	0	0	0
ROAD MAP	24	0	15	0	0	0	4	0
4TH DWT	1	2	13,000	18	12	18	0	0
WKD RSV TRNG	24	0	225	0	0	0	0	0
2D MEB	4	0	143	0	0	0	0	0
82D ADA	1	0	300	0	0	0	0	0
2D LAAM	1	0	500	0	0	0	0	0
CAS/CIFS (L)	110	0	15	6	0	2	4	0
PRCHT OPS	36	0	20	0	0	2	1	0

14. List the major exercises (ie. battalion and larger MAGTF exercises) occurring at the Marine Corps base or outlying facilities for FY 94?

TRAINING EXERCISE DATA FY-94

Type of Exercise	Frequency	Number of Ships	Number of Troops	Number of Artillery	Number of Tanks	Number of Hcpt/FW		Number of Craft
CAPEX	4	0	300	6	4	7	8	0
SATEX	3	0	900	18	4	6	120	0
TCAT	4	2	900	6	14	8	0	5 LCU
MEF CPX	4	0	4,000	0	0	0	0	0
DIV CPX	4	0	600	0	0	0	0	0
MOUT DEMO	3	0	800	2	0	3	4	0
MEU/SOC EX	4	4	3,500	6	0	22	0	37 BOATS/ RIGID RAIDER
AAV CERT	4	1	200	0	0	0	0	48 ASLT CRAFT
SRIG EX	6	0	360	0	0	3	0	5 UAV
BN FFEX	90	0	600	18*	35+	6	0	8 ASLT CRAFT
UAV/RPV EX	7	0	60	0	0	0	0	5 UAV/ RPV
REGT CPX	16	0	200	0	0	0	0	0
TANK BORESIGHT	81	0	800	0	112	0	0	0
ENGR TRP TRNG	8	0	100	0	0	0	0	0

POLICE TRNG	3	0	10	0	0	0	0	0
MEF MAINT	52	0	26,000	0	0	0	0	0
BASCOL EX	6	1	250	0	0	6	0	0
TACON	1	0	5,500	0	0	0	0	0
ROAD MAP	24	0	15	0	0	0	4	0
4TH DWT	1	2	15,600	22	14	22	0	0
WKD RSV TRNG	28	0	270	0	0	0	0	0
2D MEB	4	0	171	0	0	0	0	0
82D ADA	1	0	300	0	0	0	0	0
2D LAAM	1	0	500	0	0	0	0	0
CAS/CIFS (L)	110	0	15	6	0	2	4	0
BERMUDA REGIMENT	1	0	300	0	0	0	0	0
PRCHT OPS	36	0	20	0	0	2	1	0

C. GENERAL MILITARY SUPPORT

15. Does this Marine Corps base (base personnel) have a role in national coastal defense or any other war or peace time defense plans (i.e. civil disturbance, etc.)? If so, explain.

Yes. Marine Corps Base, Camp Lejeune is the Regional Planning Agent for USMC assistance to civil authorities.

15.a. Over the foreseeable future, are these mission requirements expected to decrease, increase, or remain the same?

With the ever increasing civilian population and the increasing size of cities & buildings, any natural disaster will require the military's personnel and material assets.

15.b List all other regional installations (DoD and Non-DoD) that could potentially support these military operations.

None.

16. Does this Marine Corps base directly support military surveillance operations (e.g., ocean surveillance to seaward)? If so, provide details.

Currently, specialized tenant commands provide surveillance and mobile training teams to support continental and off-shore drug interdiction efforts; to include aviation assets located with the Camp Lejeune complex (MCAS New River).

16.a Over the foreseeable future, are these mission requirements expected to decrease, increase, or remain the same?

Increase. As civilian law enforcement agencies require more sophisticated surveillance equipment and personnel, the military role to provide support for drug interdiction and the training of foreign nationals will increase.

16.b List all other regional installations (DoD and Non-DoD) that could potentially support these military operations.

None.

17. Does this Marine Corps base directly support a military or civilian law enforcement or area control and surveillance mission (i.e., FACSFAC, FAA, FBI support, etc.)? If so, provide details.

The Stone Bay Special Training Area provides ranges and special training facilities. FBI units have used this facility four (4) times in the past few years for special training.

Currently, three (3) times a year local police departments are included in special training sessions for TRUE Marine Expeditionary Units. Special Operations Training Group provides the instructional force for this training. Their manpower is the limiting factor in the number of requests from law enforcement agencies outside DoD, that can be accepted.

17.a. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

Increase. Special Operations training is required of more and more law enforcement and military units.

17.b List all other regional installations (DoD and Non-DoD) that could potentially support this mission.

J. F. Kennedy Special Warfare School at Fort Bragg, NC is the only other special operations facility on the east coast. Its capabilities are equivalent to those of the Stone Bay Special Training Area.

18. Describe the role that this Marine Corps base plays in the Logistics Support and Mobilization Plan (LSMP)?

MCB Camp Lejeune provides training support, supply/material, transportation (passenger and materials), food service, purchasing, and contracting support on a daily basis to the MCB and tenant commands.

In accordance with the Marine Corps Mobilization Management Plan (MPLAN), upon mobilization, MCB Camp Lejeune supports and coordinates the assimilation of MARRESFOR manpower and equipment into the gaining commands. It also receives and processes Naval Reserve personnel to include a partial uniform issue for enlisted assigned to the Marine Corps and the sale of utility uniform items for officers. It provides disbursing support for the special pays of Navy Medical Department officers and other Navy personnel administrative functions and provides Individual Replacement Training for Naval Reserve personnel augmenting Marine units.

Upon mobilization, MCB Camp Lejeune receives Combat Readiness Companies (CRC). It provides activated Marine Reserves and combat replacement personnel with Individual Replacement Training consisting of Combat Refresher Training, MOS Refresher Training, and theater-specific Individual Pre-deployment Training. It also provides trained individual replacement pools from CRC personnel.

MCB Camp Lejeune provides supply/material acquisition support and material and personnel transportation to II MEF. Acquisition support includes receiving, storing, staging, and providing security of material consigned to mobilized and deploying units. MCB Camp Lejeune as a Station of Initial Assignment (SIA) is responsible for processing and moving mobilized non-unit related personnel to their designated departure terminals (APOEs, SPOEs). It provides transportation to mobilized units and personnel from reception terminal to the SIA and for deploying units from the SIA to the POE. MCB Camp Lejeune assist the deploying and mobilizing units with level "A" packaging support commensurate with the protection needed for the material being deployed/moved, within capabilities. Additionally, MCB Camp Lejeune receives and stores personal effects consigned to mobilized and deploying units. It arranges for pickup and delivery of non-temporary storage of household goods for bona fide and geographical bachelors.

During mobilization, garrison mess halls are utilized to the maximum. MCB Camp Lejeune administers and provides subsistence to sixteen (16) mess halls. It develops subsistence requirements based on projected demand to include Marine Reserve Forces and increased personnel from other services. It is responsible for supporting requirements for both bulk and packaged POL required for mobilization. It is responsible for providing garrison mobile equipment augmentation to II MEF deploying units. MCB Camp Lejeune has the authority to procure any Marine Corps funded acquisition within funding limits. The use of commercial BankCard and Automated Invoicing programs has decreased

purchasing time frames and increased support to II MEF units. It plays an active role in supporting daily deployment/redeployment and mobilization/demobilization requirements of II MEF and Marine Corps Reserve Forces.

18.a. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

The mission requirements of MCB Camp Lejeune are expected to increase. The acquisition of the Greater Sandy Run Area will allow resident training with major/combined weapons systems thus increasing the intensity of training, greater use of training facilities and an increase in logistical support. The consolidation of the East and West coast Motor Transport and Personnel Administration schools at MCB Camp Lejeune will also increase logistics support requirements.

18.b. List all other installations (DoD and Non-DoD) that could potentially support this mission.

None. MCB Camp Lejeune's geographical proximity to seaports and airports, and co-location with II MEF make it essentially impossible for other installations to provide the specialized support with the same response times currently required.

19. List all aviation units (DOD and Non-DOD) that train at this Marine Corps base.

Air Unit	Training Performed / Facilities Used (billeting, ranges, etc.)
All 2d MAW Units	Live Close Air Support to Parachute Operations/G-10, BT-3/N-1, SR-1
2d Fleet NAVAIR	CARGRU Wings Live Close Air Support/
9th AF	Close Air Support/Air Delivery/Parachute Op/Helicopter/
XVIII ABN Corp Army Aviation	Helicopter CIFS/Parachute Ops/Special Ops-All Areas

20. List all the assault craft units that train at this Marine Corps base.

Assault Craft Unit	Training Performed / Facilities Used (billeting, ranges, etc)
RAC (USMC)	Landing Operations/E-1 Area
LCM/LCU//LCAC (USN)	River Patrols/Atlantic Intercoastal Waterway/New River
LCU/LCM (USAR)	Transportation/Beach/New River
Small Boats (USMC)	River Patrols/Landing Operations/Atlantic Intercoastal Waterway/New River

21. List all aviation reserve units that train at this Marine Corps base.
NOT APPLICABLE

Air Reserve Unit	Training Performed/ Facilities Used (billeting, ranges, etc)

D. OTHER SUPPORT

22. List any other Non-DON military support missions currently conducted at/from this Marine Corps Base not listed above. (Army communications unit, TRANSCOM Terminal, etc.)

Army Veterinary Unit/Vet Com/Fort Bragg - Inspection of human food and animal care
Defense Reutilization Management Office - Sale of excess/damaged equipment
Defense Commissary Agency - Food sales
Defense Printing Office - Printing services
Defense Investigative Service - Investigative services
Defense Accounting Office - Accounting services

22.a. Are any new military missions planned for this Marine Corps Base?

Yes. The Littoral Warfare Training Complex (LWTC) will provide exercise facilities to train Marine Air Ground and Joint Task Forces in tactical and operational levels of warfare. MCB Camp Lejeune will be an integral part of this effort which will be directed by CINCLANTFLT and is supported by CINCUSACOM. Currently under construction is the

Marine Component Command and Control Facility (MCCCF), that will provide an exercise venue for Marine and Joint Task Force commanders and their staffs. This facility will also include an integrative exercise control and debrief facility operating in accordance with the Distributed Interactive Simulation (DIS) standards to establish the Advanced Distributed Simulation (ADS) environment.

22.b. Does the Marine Corps base or its tenants have any **requirements to support training** of Coast Guard or Drug Interdiction forces.

Yes. MCB Camp Lejeune:

(1) supports national law enforcement agencies with drug interdiction operations,

(2) provides special operations training for close combat in urban areas (building location, search, clear, and apprehension),

(3) provides aerial surveillance assets to JTF-4 and JTF-6 interdiction forces,

(4) provides ground surveillance personnel and equipment to JTF-4 and JTF-6, and

(5) provides Mobile Training Team (MTT) for outside conus training (Central/South America).

23. Does the base or the resident commands have a role in a disaster assistance plan, search, and rescue or local evacuation plan? (forest fire fighting, natural disaster, etc.) If so, describe.

Yes. MCB Camp Lejeune is the Regional Planning Agent for Marine Corps assistance to civil authorities in the areas of hurricane relief, forest fires, search parties, etc.

24. Does the Marine Corps base provide any direct meteorological support to local civilian, governmental or military agencies? If so, describe.

Yes. Meteorological services provided by MCAS New River (as part of the MCB Camp Lejeune complex) are provided to local and regional agencies/organizations regarding weather conditions.

25. Does this Marine Corps **base** currently have any special non-DoD or civilian **support** role (i.e., counter-drug, scientific support, etc.)? If so, describe.

Yes. MCB Camp Lejeune supports national law enforcement agencies with drug interdiction operations. EOD support is provided to eleven (11) surrounding counties. The Provost Marshall's Office responds to local law enforcement agencies for Military Police Working Dog support. II MEF supports tasking from varied federal authorities covering a myriad of non-DoD and civilian support missions.

26. Are any new civilian or other non-DoD missions planned for this base? If so, describe.

Currently, there are none planned.

H. TRAINING FACILITIES

27. List the training areas, ranges and facilities, that rotary wing, fixed-wing aviation and air command and control units (specify) use for training at this Marine Corps base.

Aviation Unit Type:

Training Facility	Type of Training
R-5306-D R-5306-E	CAS, CIFS, BAI, Navigation, Assault, FAC(A), ASRT
Impact Areas (4)	CAS, CIFS, BAI, Strafing, FAC(A), ASRT
Tactical Landing Zones (28)	Helicopter Operations
Drop Zones (7)	Parachute Operations onto land
Drop Zones (5)	Parachute Operations into water
Beach	Army Vulcan, USA/USMC Hawk & Stinger Air Defense Weapons
Camp Davis/GSRA	Helo landing zone use for helicopter training/Parachute Operations (acquired with GSRA)
Beach/Maneuver Areas (69)	Simulated Close Air Support/Helicopter Operations

28. Is MPS off-load training performed **at this Marine Corps Base?** List the training areas, beaches, and port terminals(if any) that are used and state type of training and frequency.

Training Facility	Type of Training	Frequency
Training Area E	Off-Load	As required (1-2 per year)

29. List all specialized training simulators that are permanently (not mobile) installed in a facility that is located at or near the Marine Corps base.

Type	Purpose	Location
TWSEAS	Tactical Warfare Simulation	Training Area FC, MCB Camp Lejeune
CAST	Combined Arms Staff Trainer	Hospital Point, MCB Camp Lejeune
UCOFT	Unit Conduct of Fire Trainer	2d Tank Battalion Maintenance Facility MCB Camp Lejeune
TSFO	Training Set Fire Observation	Mainside, MCB Camp Lejeune

I. SPECIAL MILITARY FACILITIES

30. What landing craft, barge, and pontoon maintenance facilities are located at the base?

Craft Maintenance Facility	Major Capabilities
Boat Shop Code 21358	First through second echelon (3,220 SF)
Amphibious Vehicle Shop Code 21375	First through fourth echelon (68,860 SF)

31. List all facilities and equipment that provide a special capability to military operations (e.g., radar, communications, command and control, oceanographic facilities) at the installation.

Type of Facility/ Equipment	Operational Mission
WWMCCS	Provide real time command and control with all U. S. military forces world wide, thereby assisting CG MCB Camp Lejeune with providing tailored support to theater commanders.
Range Control	Control of Ranges/Airspace aboard MCB Camp Lejeune. In FY 94/95, Range Control is scheduled to receive a communications upgrade and radar displays for positive tracking of all aircraft over MCB Camp Lejeune.

J. NON-DON SUPPORT AGREEMENTS

32. List all inter-service arrangements (e.g., inter-service support agreements) that involve supporting military (non-DON) activities at the Marine Corps base.

Activity Name/Military Service	Nature of Support
Note: The term "BOS" in the "Nature of Support" column signifies a full range of base operations support is provided to the receiver. This type of support normally includes but is not limited to facilities support, utilities, communications, and all common services (e.g., police, fire, chaplain, clubs, etc.). Numbered entries in this column indicate that these are separate support agreements.	
DeCA, Army	BOS
Defense Investigative Service, DoD	BOS
Camp Lejeune Dependents Schools, DoDDS	1. BOS 2. Ropes Course 3. Adaptive Horsemanship Program for Handicapped Children 4. Child Development Program
DRMO, DoD	BOS
DFAS, DoD	BOS
XVIII Airborne Corps, Fort Bragg, Army	1. Veterinary Support 2. Prisoner Confinement 3. BOS 4. Army 3D BN 4TH Air Defense training at Camp Lejeune 5. Army bridge construction training at Camp Lejeune
Fort Gillem, Army	Explosive Ordnance Disposal
MEDDAC, Fort Bragg, Army	Veterinary Support
North Carolina Army National Guard, Army	Transportation/Subsistence/Supplies
Defense Printing Service, DoD	BOS
Pope Air Force Base, Air Force	Prisoner Confinement

33. List all formal support agreements and other arrangements that involve supporting other government agencies (federal, state, local or international) or civilian activities at the Marine Corps base.

Activity/Sponsor/ Government Affiliation	Nature of Support
Note: Numbered entries in the "Nature of Support" column indicate that these are separate agreements.	
American Red Cross	1. Dental Center Volunteers 2. Naval Hospital Volunteers
Beaufort County Community College, Washington, NC	Student Laboratory Assistants
Carteret Community College, Morehead City, NC	1. Radiology Technician Internship 2. LPN Internship 3. Paralegal Internship
City of Jacksonville, Jacksonville, NC	1. Beirut Memorial Advisory Committee 2. Fire Fighting 3. Police Highway 24 4. Special Weapons and Tactical Team (SWAT) Training at Camp Lejeune
Coastal Carolina Community College, Jacksonville, NC	1. Dental Hygienist Students 2. Dental Assistant Students 3. LPN Program 4. Associate Degree Nursing Program 5. Surgical Technology Program 6. Medical Laboratory Technician Program 7. Dental Hygiene Program 8. Phlesotomy Students 9. Computer Technology Program
Duke University, Durham, NC	Pediatric Cardiology
Federal Aviation Administration, New Bern, NC	Fire Fighting
East Carolina University, Greenville, NC	1. Graduate Nursing Program 2. Social Work Residency 3. Family Practice 4. Baccalaureate Nursing Program 5. Physical Therapy Students

Fourth Prosecutorial District, New Bern, NC	Prosecution of Off-Base offenses
Greenville, South Carolina Police Department	SWAT Training at Camp Lejeune
Lower Cape Fear Hospice, Inc., Jacksonville, NC	Medical Care
Martin Community College, Williamston, NC	Physical Therapy and Occupational Health Support
Maryland Hospital Association, Lutherville, MD	Quality Indicator Project
High Point, North Carolina Police Department	SWAT Training at Camp Lejeune
Jacksonville, North Carolina Chamber of Commerce	Support to Chamber of Commerce community activities. Use of Base Officers Club.
Newbury College, Brookline, MA	Physical Therapy Assistant Students
North Carolina Department of Natural Resources, Raleigh, North Carolina	Fire Fighting
North Carolina Department of Natural Resources, Raleigh, North Carolina	Natural Area Management
North Carolina Department of Transportation, Raleigh, North Carolina	Highway 24 Grounds Maintenance
North Carolina Division of Vocational Rehabilitation, Jacksonville, NC	Civilian Employee Assistance Program
Onslow County, NC	1. Emergency Assistance 2. Child Abuse/Neglect 3. EMS/Paramedic Services
Onslow County Health Department, Jacksonville, NC	Women, Infant, and Children's Program Support
Onslow Memorial Hospital, Jacksonville, NC	1. EMS/Closest Hospital Support 2. Interhospital Transfer Agreement

Onslow County Mental Health, Jacksonville, NC	Early Intervention Services
Pitt Memorial Hospital, Greenville, NC	1. Interhospital Transfer Agreement 2. Family Practice
Southern Illinois University, Carbondale, IL	Health Care Management Students
University of North Carolina at Chapel Hill, Chapel Hill, NC	1. Pharmacy Internship 2. OB/GYN Medicine
U.S. Marshall/DEA	Asset Seizure Storage
U.S. Department of Agriculture (U.S. Forest Service)	Fire Fighting
U.S. Department of the Treasury (ATF)	Weapon Storage
U.S. Postal Service, Jacksonville, NC	Refueling of Postal Vehicles
Veterans Administration, Durham, NC	Resident Training
Webster University	1. Education Services 2. Masters In Health Services Management
Winston-Salem, North Carolina Police Department	SWAT Training at Camp Lejeune

LOCATION

34. What advantages are provided by the location of this base for:

(1) ground force training,

The terrain is suitable for mechanized, motorized, infantry, airborne, air assault, amphibious, riverine and special operations training. The terrain varies from ocean, to barrier island and beach, to salt marsh, to swamp, to pocosin, to pine and deciduous forests. The climate is favorable for all types of training throughout the year.

(2) air support training (fixed-wing and helicopter),

MCB Camp Lejeune controls the R-5306-D/R-5306-E airspace to 17,999 feet. The climate is favorable for all types of air support training throughout the year. Eastern North Carolina has a large amount of other nearby military restricted airspace to also use in larger exercises. Noise encroachment is not a major problem in the area.

(3) amphibious training,

There is fourteen (14) miles of beach, of which one hundred percent (100%) is available for amphibious operations training. Eighty-five percent (85%) of the beach is routinely used. The climate is favorable for amphibious training throughout the year. The beach quadrant is good for amphibious and MPS (instream) off-load operations.

(4) other unique Marine Corps or other service training?

MCB Camp Lejeune has the New River which covers 26,000 acres. It is most suitable for riverine operations. MCB Camp Lejeune acquired the Camp Davis Airfield with the GSRA acquisition, which is most suitable for airfield takedown operations.

34.a. List the location and distance to the nearest cargo rail terminal.

Two cargo rail terminals are immediately aboard the Base -- one in the Industrial Area at Lot 140 and one in the Heavy Lift Area at Lot 201.

K. PROXIMITY TO OPERATIONAL MISSIONS AREA

35. What are the major seaports of embarkation for FMF units garrisoned at the base?

SEAPORTS OF EMBARKATION

Seaport	Distance (mi.)	Port limitations
Morehead City Port	55 miles	Ammunition shipments restricted
Port of Wilmington	60 miles	Ammunition ships restricted
Port of Sunny Port	80 miles	

36. What special considerations (permits, congestion, etc.) affect movements of military convoys to the SPOE?

1. TIME OF DAY...traffic congestion...establishment of traffic control points.

2. ROUTE OF TRAVEL...weight limit of bridges, is there existing road construction that may detour a convoy. Quantity of intersections/stop lights convoys have to negotiate. Length of convoy serials. Properly prepared Strip Maps for each driver in case driver is separated from the convoy.

3. OVERSIZE/OVERWEIGHT PERMITS...acquired from DOT in advance. Drivers, not convoy commanders must have the permits in their possession. Some of the more common requirements for oversize/overweight permits are:

a. The vehicle/vehicle combination and/or nondivisible load is over 13 ft. 6 in. in height.

b. The width of the vehicle/vehicle combination and/or the nondivisible load exceeds 96 in. (8 ft.) on primary and secondary roads and 102 in. (8 ft. 6 in.) on federally designated U. S. and interstate highways.

c. The vehicle/vehicle combination and nondivisible load inclusive of front and rear

bumpers exceeds the following:

* Two axle weight - 35 ft.
* Three axle weight - 40 ft.
* Combination of no more than two vehicles - 60 ft.

subject to exceptions stated in G.S. 20-115.1(b) and G.S. 20-226(e), Motor Vehicle Laws of NC.

* Load of vehicle/vehicle combination extends more than 3 ft. beyond front bumper.

Vehicles with oversize/overweight permits cannot travel with the convoy. Additionally, vehicles with oversize/overweight permits cannot travel on Sunday, federal holidays, or after sunset unless a national emergency has been declared.

4. VEHICLE RECOVERY SUPPORT

5. ADEQUATE COMMUNICATIONS FOR CONTROL OF CONVOYS

In a large sense, all of the foregoing are actually common considerations for movements of military convoys to any SPOE not located aboard that military installation. While all of these are certainly considerations, none of them is so formidable that it cannot be remedied by what has become routine, close coordination and cooperation among State, local, military, and other federal authorities. The Desert Storm/Desert Shield experience, as well as that of frequent other MAGTF deployments/redeployments bear this out.

L. PROXIMITY TO PORTS OF EMBARKATION

37. What are the major aerialports of embarkation for FMF units garrisoned at the base?

AERIAL PORTS OF EMBARKATION

Airport	Distance (mi.)	Airport limitations
MCAS, Cherry Point	53 miles	Rail shipments carrying explosives for reshipment via air are limited to 30,000 lbs not at Patterson Siding, Cherry Point. Reships are required on Class A and B explosives 24 hours in advance.
Albert J. Ellis Airport, Jacksonville, NC	25 miles	No wide body aircraft

38. What special considerations (vehicles, permits, congestion, messing, berthing, etc.) affect the movement of troop formations and equipment to the APOE?

1. TIME OF DAY...traffic congestion...establishment of traffic control points.

2. ROUTE OF TRAVEL...weight limit of bridges, is there existing road construction that may detour a convoy. Quantity of intersections/stop lights convoys have to negotiate. Length of convoy serials. Properly prepared Strip Maps for each driver in case driver is separated from the convoy.

3. OVERSIZE/OVERWEIGHT PERMITS...acquired from DOT in advance. Drivers, not convoy commanders must have the permits in their possession. Some of the more common requirements for oversize/overweight permits are:

a. The vehicle/vehicle combination and/or nondivisible load is over 13 ft. 6 in. in height.

b. The width of the vehicle/vehicle combination and/or the nondivisible load exceeds 96 in. (8 ft.) on primary and secondary roads and 102 in. (8 ft. 6 in.) on federally designated U. S. and interstate highways.

c. The vehicle/vehicle combination and nondivisible load inclusive of front and rear bumpers exceeds the following:

* Two axle weight - 35 ft.
* Three axle weight - 40 ft.
* Combination of no more than two vehicles - 60 ft.

subject to exceptions stated in G.S. 20-115.1(b) and G.S. 20-226(e), Motor Vehicle Laws of NC.

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In a large sense, all of the foregoing are actually common considerations for movements of military convoys to any APOE not located aboard that military installation. While all of these are certainly considerations, none of them is so formidable that it cannot be remedied by what has become routine, close coordination and cooperation among State, local, military, and other federal authorities. The Desert Storm/Desert Shield experience, as well as that of frequent other MAGTF deployments/redeployments bear this out.

--Commercial carriers procure all permits needed on all cargo shipments.

M. Proximity to Other Support Facilities

39. List any other support facilities in close proximity to your base (DOD & non-DOD) that currently play a significant logistics role and/or could play a role in any future operational deployment and mobilization plans.

None not already identified.

N. Proximity to Major Transportation Nodes

40. List any other transportation nodes (DOD and non-DOD) in close proximity to your base that play a significant logistics role and/or could play a role in any future operational deployment and mobilization plans.

Facility	Mobilization Role	Location
MCAS, New River	Movement of personnel and cargo	Jacksonville, NC
Onslow Beach	Capacity to deploy equipment via AAV, LCU, and LCAC to ships and deploy personnel and light cargo to ships	Camp Lejeune, NC

O. CONTINGENCY AND MOBILIZATION FEATURES

41. What role does the Marine Corps base play in military and civilian regional logistics (transportation, etc.) plans?

Participates in a non-voting member capacity in various transportation committees providing information regarding military movements/requirements.

42. Does the operational infrastructure (i.e., tactical vehicle maintenance, fuel and munitions storage, warehouse space) meet current requirements and provide capabilities for future expansion or change in mission?

There are no excess operational assets that would provide for future expansion. Existing facility assets do not meet current vehicle maintenance, munitions storage and warehouse space requirements.

42.a. List the features of this Marine Corps base that make it a strong candidate for basing other operational units in the future.

NONE

42.b. Are there any assets in the vicinity of the base that are currently not used or under utilized because of a deficiency, but could be improved or enhanced to increase the base's capabilities?

NO

43. Assume that all programmed MilCon in PB(President's Budget submission) through FY 97 is completed as scheduled, what additional storage space for vehicles, equipment, and supply would be realized?

Project	Type	Size (lxw)	SF
FY97 P-548	WAREHOUSE	363'x 120'	43,560sf

44. Do the current personnel support facilities provide a capability for future expansion?

There are no surplus personnel support facilities such as; mess halls, med/dental clinics, family housing, BEQ/BOQ's, Dependent Schools, or MWR facilities.

44.a 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.

None of these projects are the result of a BRAC.

PROJECT#	DESCRIPTION	FUND YEAR	VALUE
0R011CN	CONST PARKING LOT NEAR BLDG.M-139	90	65,650
0R019CN	CONSTR RANGE TOWERS, VERONA LOOP	90	62,665
0R023CN	VEH WASH PLATFORM	90	484,579
0R029CN	MISC CONSTR TO 1502 AND 102	92	108,561
0R032CN	CONSTR VEH WRACK, OWS, POL	91	259,990
0R033CNZ	WASHRACK	90	484,579
0R037SP	CONSTR VEH WASHRACK/LUBE RACK	91	259,990
0R038SP	POL WASTE STORAGE PAD	90	484,579
0R041CN	CONST VEH WASHRACK/LUBE RACK	91	259,990
0R051CN	MISC CONSTR TO 1502 AND 102	92	108,561
0R068CN	CONSTR VEH WASHRACK/LUBE RACK	91	259,990
0R073CN	POL BUILDING	90	484,579
0R202/3CN	RENOV BLDG 27	90	35,296
0R204CN	PARADISE PT. CHILD CARE CENTER	90	60,610
0R206SP	INST. FUME EXHAUST AND SPRINKLER	90	6,265
1R001CN	UPGR RANGE CONTR DUTY FAC	91	80,850
1R004CN	CONSTR STOR AREAS/SHOPS, VAR	91	174,700
1R017CN	SOI URBAN TRAINER	91	86,700

1R018CN	INST TRK SCALES AT LANDFILL	91	80,960
1R023CN	UPGR BERM BTWN B & C RANGES	91	3,200
1R033CN	INSTALL DUST COLL SYS, ES101	91	31,900
1R034SP	UPGR SECURITY, 1101	91	782
1R201CNA	TRAFFIC C, INTERS SNDSFRY/LYMAN	91	35,744
1R202CN	IMPROVEMENTS TO BREWSTER	92	158,307
1R216SP	RPL CARPET/TILE, RAISE ALTER	92	47,285
1RUNK011	RENOVATE BLDG BB28	91	361,324
2R007CN	SECURITY FENCING, VAR AREAS	92	33,269
2R018CN	TRNG MOCK-UP (AIR MVMT TRNG FAC)	92	62,576
2R019CN	TRNG MOCK-UP (RAIL MVMT TRNG FAC	92	62,576
2R021/2/5CN	SECURITY FENCING, VAR AREAS	92	33,269
2R026CN	DISPATCH SHACK, MTFD PT	92	112,387
2R028CN	MISC CONSTRUCTION	92	62,576
2R030CN	IMPROV TO GEN OPER TRNG FAC	92	44,327
2R032CN	MISC CONSTR, MONTFORD PT	92	112,387
2R037CN	SECURITY FENCING, VAR AREAS	92	33,269
2R038CN	APPLIED INSTR WEAPON CLEANING	92	112,387
2R053CN	INSTALL MONITORING EQUIPMENT	93	48,100
2R060CN	PROV EMERG CONN FOR LIGHTING	92	10,950
2R069CN	HEAD FACILITY, CG ARMORY CMPD	92	88,210
2R201CN	INSTALL FIRE PROT SPKLR SYS	92	24,288
2R216CN	EXT UTIL TO CAMPGROUND AREA 6	93	69,800
2R233	INSTALL SECURITY GATES VAR BLDGS	93	134,245
3R007CN	CONST STG LOT, NEAR TP-464 TP	93	91,100
3R043CN	CONSTRUCT BAY DOORS M111	93	57,094
3R050CN	INSTALL HTG SYSTEM BLDG 1311	93	23,392
4R500RZ	INSTL FNC ARND DRMO COMPD	93	24,125

4R501RZ	INSTL FENCE, 85H ENGSPTBN FAC	93	30,741
6R018	WASHRACK AT BLDG 1450	86	96,333
6R837	GAS CHAMBER TRAINING FACILITY	87	22,400
7C78	HVAC AT MARSTON PAVILION	87	412,400
7R001	RENOV INT BLDG 12	87	51,698
7R107	SLUDGE DRYING BEDS	87	119,763
7R112	WASH AND LUB RACK	87	99,229
7R112	WASH AND LUBE RACK, CHB	87	99,229
7R132	INSTALL REFUELING STATION	87	13,752
7R171CN	RENOV DRUG & ALCOHOL ABUSE CTR	87	379,097
88PO024	LOAD MGMT SWITCHES, HSG AREAS	88	230,000
8R001CN	RENOV/RPR BLDGS H17N,H21 & H39	88	245,117
8R004CN	REPAIR/RENOVATE BUILDING TP-448	88	58,405
8R009CN	RENOVATE/REPAIR BLDG M406	88	228,121
8R025SP	CHAIN LINK FENCE	88	7,723
8R027CN	INSTALL FLOOD LIGHTING SYSTEM	88	18,187
8R032CN	CONST. ADDITION TO BLDG. BB-50	88	50,777
8R042CN	RENOV/REPAIR BLDG M422	88	81,963
8R043CN	RENOV/REPAIR BLDG M420	88	81,963
8R045SP	INSTALL ELECT OPER DRS M-324	88	36,950
8R056	INSTALL RAILHEAD LIGHTING	88	123,446
8R056CN	INSTALL RAILHEAD LIGHTING	88	123,446
8R071CN	REPAIR AND RENOVATE BLDG 1005	89	72,425
8R200CN	RENOV BB86 AND BB96	90	27,140
8R205SP	INSTALL NEW WATER LINE	88	22,995
8R207CN	MODIFY & RECONSTR DOG KENNEL	88	61,268
8R220	UPGR ELEC SYS, REAL FAMMIS LAB	88	4,880
8R226	RPR./NEW PROJ. TT-2475/TT2477	88	95,237

8R239	AMMO SUPPLY AREA	88	164,960
8R245	BASKETBALL COURTS, HP200 AREA (2)	88	45,950
8R245	CONST. BASKETBALL CTS. HP-200 AR	88	22,975
8R251/2	CONST. PIER/BOAT RAMP NEAR M-231	89	38,723
8R279SP	CONST. BOAT RAMP, FREEMANS CK.	89	7,502
8R416SP	RELOCATE ANTENNA TOWER TO H-1	89	1,820
8R500SP	PROV STORAGE FOR GAS CYCLINDERS	88	8,283
9R002CN	RENOVATE BLDG1403	91	213,891
9R003	PROVIDE STANDBY GENERATORS	89	148,204
9R005CN	MODIFY FIRE STATION BLDG. 1400	89	6,780
9R012CN	MESS HALL/IMPVTS, 1041	91	978,650
9R015CNA	RENOV BLDG MH6/CONSTR MH2	88	266,603
9R016CN	CONVERT TT2477 TO CHAPEL	91	20,176
9R020CN	CONSTR GUN CLNG BLDG&SM OFF BLDG	89	89,798
9R026CN	RENOVATE BLDG TT2471	90	121,183
9R028SP	HARDEN SECURITY BLDG. M-415	89	8,018
9R049CN	WST STRG FAC & AMMO SHPMT FAC	89	85,766
9R056CN	WST STRG FAC AND AMMO SHPMT FAC	89	92,187
9R063CN	IMPRVMTS MSR/SNDS FERRY INTERSEC	89	170,656
9R235SP	INST FIRE ALARM SYS, BLDG 326	89	34,070
9R247CN	REPRS TO LCH4000	89	31,250
9R266SP	INSTALLATION SAN. SEWER D RANGE	90	12,800
9R801R2	INSTALL WATER LINE BLDG.975	90	7,500
9R924CN	CONSTRUCT WASHRACK AT CG-1	89	24,196
BMO7C28	INSTL SPRKLR SYS,POND & PUMP HOUSE	87	458,586
EMD928292	IMPROV TO RECYCLING CENTER	93	132,900
HC3-85	CONST. TENNIS/BASKETBALL CT.FAMH	88	64,349
HC4-86	CONSTR CARPORT/STRG BLDG F/MHP	92	859,703

HR1-87	ADD SIDEWALKS/PAVE PKG LOTS, TT	88	151,836
HSGUNK020	CONSTR ADDT'L PARKING TTI & TTII	91	434,700
LE002R	MAINT.FACILITY BLDG. BB-150	92	180,000
LE007R	PAVE ROAD ONSLOW BEACH	88	92,379
LE008R	TRAINING BRIEFING ROOM ADDTN	90	27,320
LE015R	RENOV BLDG BB45	91	1,282,069
LE016R	CONSTR HAZ MAT STRG BLDG, TPAREA	90	181,350
LE029R	COAL YD EXPANSION, HTG PLT,1700	90	13,740
LE101RS	CONSTR TRNG TOWER	91	185,806
LE104R	CONSTR APPLIED INSTR FAC	92	200,275
LE106RS	COVERED CLASSROOM	90	167,050
LE112R	RPL ELEV WATER TANKS, R RNG	91	147,732
LE113R	REPL ELEV WATER TANKS, GEIGER	91	147,733
LE114R	CONSTR TO A47 AND BB52	92	510,822
LE124/32/33R	CONSTR DECHLOR CHAMBERS	91	88,944
LE139RS	UPGR STRG LOT & CNVT S769	92	87,349
LE201R	BAFFLED RANGE, SOTG	91	186,137
LE227R	FIRE PROT VARIOUS BLDGS, MTRD PT	92	215,510
LE235R	FIRE TRNG CLASSROOM	91	8,744
LE237R	UPGR FIRE STA, BLDG 1400	91	556,425
LE238R	UPGR FIRE STA, BLDG LCH4022	91	556,425
LE240R	UPGR FIRE STA, BLDG 2600	92	236,011
MULTI R2S	CONSTR HAZMAT STRG PAD	91	363,677
LE329RS	UPGRADE FIRE STATIONS, M303	91	556,425
LE343RS	HAZ WASTE TANK CLOSURE	92	301,017
LE418R	HAZ WASTE STRG FACILITY	93	47,950
LE613R	SECURITY LIGHTING	88	39,347
LE633R	ADDITIONS TO CHAPELS	87	118,860

LE635R	ADDITIONS TO CHAPELS	87	125,000
LE702R	MISCELLANEOUS PAVING	87	18,032
LE706R	OUTDOOR CLASSROOM	89	131,600
LE769R	RENOV RR9	91	735,816
LE801R	EXPAND VEH COMPOUND NEAR FC251	88	94,487
LE808R	INT/EXT RPR PHOTO LAB, BLDG 54	90	122,914
LE809R	RENOVATE MESSHALLS	88	742,131
LE815R	SPRINKLER SYST VAR BLDGS	90	451,976
LE846RS	RENOV BLDG 6	90	190
LE847RS	RENOVATE BLDG 63	92	1,218,614
LE848RS	RENOVATION OF 1101	89	182,575
LE849RS	RENOV TO WPNS TRNG SIM CTR	89	186,775
LE853E	DISB INSTR FACILITY M221/M222	89	84,800
LE915R	FIRE ALARM SYS, RR11	88	15,625
LE917RA	RENOV BLDG 67	90	1,518,388
LE919R	SMOKE DETECTORS, VAR LOCATIONS	90	318,781
LE920R	INSTALL SMOKE DETECTORS, HP AREA	90	161,607
MULT R2	SMOKE DETECTORS, VAR LOCATIONS	90	318,781
LE925R	EXTEND FIRE ALARM SYSTEM	88	98,279
LE941R	INT/EXT REPAIRS, BLDG 2617	91	1,254,330
LE945R	BUTTS SOUND SHEDS, RIFLE RANGE	88	15,995
LE946R	ORDNANCE INERTING BUNKER, K326	89	95,903
LE947R	CORRECT SWG TRTMT PLT SAFTY DISC	89	180,175
LE956RS	CONST RETS, F5 RNG	89	297,244
LE957RS	AA&E STORAGE FAC	99	197,284
LE958RS	PAVE PARKING AREA, FC270	90	155,862
LE959RS	DISPATCH BLDG/PAVE AREA @ FC255	91	147,052
LEH812R	CONST.TENNIS/BASKETBALL CTS. TT	89	200,466

LEH814R	CONST.TENNIS/BASKETBALL CTS.BM	88	142,133
P000	BOILER PLT MOD , BLDG 1700	88	3,400,000
P027	CVM SHOP	87	7,909,273
P256	FIELD MAINT SHOPS	88	2,346,630
P257	FIELD MAINT COMPLEX, INCR 1	87	6,186,685
P566	CONSTR VOLATILES DRYING BED	90	52,300
P607	MED/DENTAL CLINIC CHB	91	2,421,390
P626	BACHELOR ENLISTED QTRS, AREA 5	88	11,125,503
P626A	SEWAGE TRTMT PLT IMPR	88	1,786,300
P627	BACHELOR ENLISTED QUARTERS	87	13,461,186
P629	BACHELOR ENLISTED QUARTERS	89	12,636,372
P643	COMM/ELECT MAINTENANCE SHOP	87	4,327,612
P663	MESSHALL, MTFD POINT	92	4,069,665
P678	COMBAT VEH MAINTENANCE SHOPS	88	7,336,959
P679	ELEC/COMM MAINT SHOPS	91	2,969,000
P701	MED DENTAL CLINIC, FR CRK	89	3,513,995
P721	BACHELOR ENLISTED QUARTERS	87	1,615,056
P797	MAIN EXCHANGE COMPLEX	92	10,108,300
P797A	ELECTRICAL LINE RELOCATION, MCX	92	263,978
P802	DIVISION HDQTRS FAC, H-1	88	10,025,000
P804	FIELD MAINT COMPLEX, INC 3	91	15,084,000
P806	AUTO ORG SHOP (LAV)	87	7,739,198
P808	MECH TRAINING SCHOOL, PH 1	87	1,385,980
P809	MECHANICS TRAINING SCHOOL, PH 2	90	3,215,028
P810	MECH TRAINING SCHOOL (III)	91	2,145,744
P815	ENLISTED CLUB, MONTFORD POINT	87	1,271,523
P829	AIR EMISSIONS CONTROL	88	1,398,365
P837	2 RQTBALL CRTS, HADNOT PT & FC	91	335,200

P840	SELF SERVICE CAR WASH	89	7,312
P846	MILITARY OPS IN URB TERRAIN MOUT	88	608,3973
P846A	M.O.U.T. SITE REPAIRS	92	712
P852	CHILD CARE CENTER, BREWSTER BLVD	89	720,485
P870	SCHOOL OF INFANTRY	89	1,842,404
P872	COMBINED ARMS STAFF TRAINER	89	1,342,123
P873	OP MAINT FAC, RPV	89	1,522,263
P892A	COMMISSARY BUILDING	91	5,328,000
P892B	COMMISSARY, SITE DEVELOPMENT	90	2,066,000
P895	CONSTR EXCH VENDING WAREHOUSE	92	23,712
P906	MARINE COMBAT TRNG (VL)	90	584,836
P969	RPLC BLDG 909 WAREHOUSE	93	2,022,073
R1-4	RENOVATE, BLDG 424	87	99,583
R1-5	CONSTRUCT HEAD, GUN PARK AREA	87	23,275
R2-3	RENOVATE/CONVERSION, BLDG H-32	85	159,111
R2-5	UPGR ARMORIES & PROV SECURITY, VAR BLDGS	86	332,997
SPP003	CORROSIVE/FLAMMABLE STOR BLDG, HP	88	11,700
UNK002	ADDITION TO BUILDING, RR49	88	13,850
UNK009	ONSLOW BEACH SEWAGE TRTMT IMPR	87	25,439
UNK014	OUTDOOR SPORTS LIGHTING LEJ HIGH	89	65,492
UNK015	PAVE PARKING AREAS BLDG. 825	89	42,340
UNK017	CONST. PIER,PARADISE POINT	91	21,569
UNK027	NEW RUNNING TRACK AT LIVERSEDGE	90	180,058
UNK038	CONST. BASKETBALL CT. CP JOHNSON	90	8,435
UNK07	CONSTR OFFICES AND TOOL ROOMS	87	24,733
UNK09	DOG KENNEL	87	25,712
UNK10	INSTALL DISHWASHERS	87	126,556

UNK11	RANGE TOWERS	86	4,925
UNK13	EXPAND VEHICLE COMPOUND, FC 251	88	94,487
UNK15	LOT 203 FENCING	87	29,056
UNK17	OFFICE EXTENSION	88	13,850
VAR	GRD EQUIP SHED,WEST OF 1114	92	112,900

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

Project	Description	Fund Year	Value ($000)
LE502R	REPL/INC ELEV WATER TANK SM624	95	140
LE504R	CONVERT RR-14 TO ARMORY	95	183
LE505R	INSTL NEW ELEC CKT TO BM,PP,CLHS	95	180
LE506R	INSTL NEW COND LINE 1800 AREA	95	105
LE507R	INSTL COND RETURN LN, 1700 AREA	95	165
LE513R	REPL WINDOWS/DOORS, BLDG 15	95	105
LE514R	REPL WINDOWS/DOORS (5 BLDGS)	95	80
LE515R	REPL WINDOWS/DOORS (3 BLDGS)	95	85
LE516R	REPL WINDOWS/DOORS (8 BLDGS)	95	170
LE517R	UPGR DOCKS CONSTR RAMPS (8) MAGS	95	157
LE518R	UPGR DOCKS CONSTR RAMPS (5) MAGS	95	155
LE519R	UPGR DOCKS CONSTR RAMPS (4) MAGS	95	131
LE522R	UPGR SVC AT BLDG MECH PITS	95	80
LE523R	CENTRALIZED HAZ/WASTE STG AREA	95	94
LE528R	CONST 12 HAZ WASTE STG PADS	95	226
LE529R	CONST 10 HAZ WASTE STG PADS	95	191
LE530R	CONST 11 HAZ WASTE STG PADS	95	208
LE531R	CONST RECYCLING FAC/MESSHALLS	95	180
LE531R	MESS HALL REF & RECYL CONT PADS	95	180
LE532R	ACCESS ROAD TO MPRC(H), SR10	95	191
LE533R	CONST RPV TRAINING AREA	95	266

Project	Description	Fund Year	Value ($000)
LE534R	G10 IMPACT AREA LIGHTS	95	281
LE544R	CONST HEAD ADDN TC816/817/818	95	200
LE571R	OVERLAY PARKING LOT @ BLDG 962	95	115
LE572R	CONTAINMENT BERMS BLDG 803 LOT	95	67
LE573R	CLOSE UST	95	181
LE586R	CONSTR HEAD ADDNS M212, M213	95	227
LE589R	REPAIR SOLAR WATER HEATER, CHB	95	125
LE601R	FIRE TRAINING BURN PIT	96	191
LE602R	CONVERT RR-14 TO ARMORY	96	188
LE603R	CONST SHWR/LATR FAC @ CMP DVL DG	96	275
LE604R	PAVE MT VEH MNT STG AREA ADJ M90	96	222
LE605R	ATHLETIC EQUIP STG & ISSUE FAC	96	250
LE606R	REC EQUIP STG & ISSUE FAC	96	250
LE607R	REPLACE FIRE HYDRANTS	96	229
LE608R	REPLACE FIRE HYDRANTS	96	233
LE609R	FIRE ALARM TRANSMITTER, IND AREA	96	220
LE610R	FIRE ALM TRANS, VARIOUS AREAS	96	75
LE611R	PERIM RD FM N HWY 17 OVPS - SR7	96	274
LE613R	REPL/INCR ELEV WATER TNK, SBB-25	96	161
LE614R	INSTALL COOLING COILS VAR BLDGS	96	174
LE615R	CONST WASH RACK IN CHB AREA	96	278
LE616R	CONST VERT CONST FAC CHB AREA	96	283
LE617R	CONST AREA FITNESS CENTER CHB	96	270
LE618R	CONST LAUNDRY FAC COURTHOUSE BAY	96	166

Project	Description	Fund Year	Value ($000)
LE619R	EXTND POTABLE WATER TO VERONA LP	96	172
LE621R	CONST CONC PKG APRN & DISP SHACK	96	237
LE623R	PAVE LOT 1616	96	243
LE624R	INSTALL GENERATORS IN PMO FACS	96	263
LE625R	CONSTRUCT ADDITION TO BLDG 67	96	248
LE626R	CONST ADDN/UPGR ARMORY FAC, CG	96	282
LE628R	TRNG BLDG NEAR M144 CAMP JOHNSON	96	225
LE629R	UPGRADE BLDG M611 CAMP JOHNSON	96	283
LE630R	CONST ARMORY NEAR BLDG M308 (CJ)	96	285
P027	HOSTESS HOUSE RENOVATION/ADD'TN	95	3,480
P845	OIL SPILL PREV AT BLDG 1450	95	4,350
P874	HOSTESS HOUSE ADDITION	95	2,088
P878	YOUTH CENTER, TT	95	2,550
933	SANDY RUN RNG DEV, MPRC(H) RETS	95	10,400
P961	SNCO CLUB ADDITION, M168	95	440
P028	RETS EQUIP INSTALL, IPBC, SR6	96	4,500
P063	TARAWA TERRACE 2 ELEM. SCHOOL	96	7,400
P064	BREWSTER MIDDLE SCHOOL	96	11,000
P542	COMM/ELECT MAINT SHOPS	96	4,300
P934	VARIOUS RANGES, GSRA	96	7,800
P974	WASTE TREATMENT UPGR, PH II	96	45,500
P029	RETS EQUIP INSTALL, AATR, SR2	97	4,200
P069	BERKELEY MANOR ELEM. SCHOOL	97	5,218
P070	TT 1 ELEM. SCHOOL	97	5,367
P071	STONE STREET ELEM. SCHOOL	97	5,218
P072	DELALIO ELEM. SCHOOL	97	3,335

Project	Description	Fund Year	Value ($000)
P073	RUSSELL ELEM. SCHOOL	97	5,218
P548	WAREHOUSE, 8TH ENGSUPT BN	97	4,000
P805	FLD MNT CMPL,IV 2D MNTBN	97	13,850
P931	FIRE STA, FR CRK	97	1,350
P975	WASTE TREATMENT UPGR, PH III	97	3,300

44.c. List the project number, description, funding year, and value of the **BRAC related capital improvements** at your base from 1995 through 1999.

Project	Description	Fund Year	Value
NONE			

44.d. What are the significant limiting ground, training noise, beach gradient, waterway, harbor, explosive quantity distance standard, HERO, and airspace encroachments at each Marine Corps Base?

The Atlantic Intercoastal Waterway (AIWW) limits use of the BT-3/N-1 impact area. When the AIWW is open to civilian boat traffic, the impact area cannot be used.

Explosive ordnance greater than 50 lb net explosive weight is used primarily during normal working hours (0700 -1700). Ordnance considered to be potentially disruptive to surrounding communities is subjected to a sound focus review conducted by meteorological personnel at Marine Corps Air Station, Cherry Point.

44.e. Do current estimates of civilian population growth and development or environmental constraints pose problems for the base?

Although there are no present encroachment problems stemming from civilian development, major development along the coast of North Carolina is being realized and could cause future conflict.

44.f. Also provide a description of local zoning ordinances and their impact on future encroachment.

At the present time, there are no known city or county zoning ordinances governing use of land adjacent to base property that promote future encroachments.

Land uses adjacent to Marine Corps Base from Northeast Creek Bridge along Highway 24 to and along Highway 17 to Marine Corps Air Station, New River involve light commercial use, some multi-family dwellings, and institutional usage.

Along Highway 210:	single family residences and agricultural uses.
Along Highway 17 to Secondary Road 2109:	some single family residences, agriculture, and light commercial uses.
Along Highway 172 from	single family residences and light

Triangle Gate to Highway 24:	commercial uses.
Along Highway 24 to Midway Park:	single family residences and light commercial uses.

The area imposed with zoning ordinances involves city property adjacent to Marine Corps Base property from the Main Gate area along Highway 24 to Highway 17, and along Highway 17 to the Marine Corps Air Station, New River area. The county area adjacent base property is not imposed with zoning ordinances.

44.g. Briefly identify environmental limitations to training or operations at this base.

Camp Lejeune has undergone consultation with the United States Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS) on 12 Federally listed threatened and endangered species since the late 1970's. The most significant of these affecting range operations are the red-cockaded woodpecker, the rough-leaved loosestrife and the Atlantic loggerhead and green sea turtles.

Camp Lejeune's consultation history with the USFWS was generated in a positive manner, instilling credibility to the Base's conservation efforts for listed species. This atmosphere of trust, along with up-to-date biological data have greatly enhanced the Base's capability to fulfill it's training mission.

Camp Lejeune is currently in consultation with the USFWS to develop a long range management plan to increase the Base's red-cockaded woodpecker population while simultaneously reducing restrictions on military training. The USFWS has authorized reduction of marked, contiguous habitat for this bird on the installation from 3,263 acres to 1,589 acres. Prohibited activities inside these protected areas include digging foxholes, cutting pine timber, girdling trees with communications wire and driving off well marked, well maintained roads. The Base is also working with the United States Forest Service and the North Carolina Wildlife Resources Commission to prepare a Memorandum of Understanding to identify procedures and manage for the recovery
of a coastal plain red-cockaded woodpecker population.

Sea turtle management activities facilitate beach training by nest relocations and data collection. Sea turtle nests are moved from training areas immediately after laying to ensure their viability while allowing training activities to continue unhampered. The presence of the endangered plant, rough-leaved loosestrife on Camp Lejeune poses few

limitations on training activities because it generally grows on sites adjacent to jurisdictional wetlands. The latest species aboard Camp Lejeune to be Federally listed is the seabeach amaranth. The Base so far is required only to conduct monthly surveys for this plant during it's growing season.

44.h. What are the environmental restrictions to expansion at each Marine Corps base?

As found throughout eastern North Carolina approximately 50% of the Base's 127,428 acres is made up of

wetlands (65,000 ac). In addition 5,900 acres is restricted due to endangered species and cultural resources.

44.i. Describe the undeveloped acreage or waterfront that is unique to the Marine Corps base.

The southeastern boundry of the Base consists of approximately 14 miles of shore line on the Atlantic Ocean. This ocean front property provides an invaluable asset in reguards to beach assualt and other amphibious training.

P. WEATHER

45. What percentage of the time (on average, by month) does the local weather affect training operations and restrict live firing activity? Use the following chart and add any further descriptions on how weather generally impacts base and training operations (recurring wind, atmospheric or fog conditions, etc.).

Month	Inches of Rain	Mean hi & lo temp	% of Training Days Canceled due to High Seas or Low Visibility	% of Fire Missions Canceled Due to Weather
Jan.	5.79	58.6 39.7	None	None
Feb.	3.33	54.6 34.1	None	None
Mar.	6.51	63.6 40.5	None	None
Apr.	3.68	71.3 47.6	None	None
May	1.96	82.3 60.2	None	None
June	2.55	88.3 67.9	None	None
July	3.92	94.6 74.1	None	None
Aug.	4.33	88.1 71.0	None	None
Sept.	7.12	84.8 67.9	None	None
Oct.	5.91	75.0 55.7	None	None
Nov.	2.27	68.2 45.5	None	None
Dec.	3.02	56.8 33.5	None	None

46. Do local weather conditions have a regular impact on maintenance schedules? If so, describe how are these conditions accommodate?

No.

47. Does the local climate and geography provide unique training opportunities to the units assigned to the base (e.g., frequent opportunities for all-weather training)?

The geography allows excellent opportunities for amphibious and riverine operations training. The climate allows for year around training.

48. Are special weather briefing equipment or personnel (training) necessary at the base because of local weather conditions?

A meteorological unit at MCAS New River supports both air operations and general weather reporting/forecasting requirements for MCB Camp Lejeune. Hurricane software is used in the Emergency Operations Center to provide hurricane forecasting and graphical tracking.

Q. QUALITY OF LIFE

Family Housing:

49. Do you have mandatory assignment to on-base housing?

No

49.a. 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+	59	59		
Officer	3	590	590		
Officer	1 or 2	8	8		
Enlisted	4+	502	502		
Enlisted	3	1471	1471		
Enlisted	1 or 2	1823	1823		
Mobile Homes					
Mobile Home lots		187			

49.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:

N/A

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

50. Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List[1]	Average Wait

[1]As of 31 March 1994.

O-7/8/9	1		
	2		
	3	9	1 MO
	4+	0	1 MO
O-4/6	1		
	2		
	3	96	18 MOS
	4+	10	11 MOS
O-1/2/3/CWO	1		
	2	66	15 MOS
	3	163	15 MOS
	4+	15	10 MOS
E6-E9	1		
	2	8	8 MOS
	3	282	9 MOS
	4+	211	12 MOS
E1-E5	1	137	6 MOS
	2	1231	9 MOS
	3	346	12 MOS
	4+	79	10 MOS

51. What do you consider to be the top five factors driving the demand for base housing? Does it vary y grade category? If so provide details. Does not vary by grade category.

	Top Five Factors Driving the Demand for Base Housing
1	Utilities included with BAQ forfeiture
2	DOD schools
3	Sense of security
4	Close proximity to work
5	Well maintained quarters

52. 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)?

76%

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

Type of Quarters	Utilization Rate
Adequate	97.86
Substandard	
Inadequate	

54. 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?

Yes. Maintenance backlog. 97.83%
Downtime during change of occupancy increased due to maintenance backlog.

BEQ

55. Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	80%
Substandard	0
Inadequate	95

56. As of 31 March 1994, have you experienced much of a change since FY 1993?

NO

If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Yes. Marines were occupying inadequate quarters awaiting approval of a reloading plan. Plan has been approved and occupancy in BEQ's will increase dramatically.

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

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

(FY93) 545

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

DATA NOT AVAILABLE

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

59. How many geographic bachelors do not live on base? Data Not Available

BOQ

60. Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	92%
Substandard	0
Inadequate	91%

61. As of 31 March 1994, have you experienced much of a change since FY 1993?

NO

If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason? NO.

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

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

(FY93) 45

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

DATA NOT AVAILABLE

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

64. How many geographic bachelors do not live on base? Data Not Available

65. 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	27	N/A
	Outdoor Bays	30	N/A
Arts/Crafts	SF	4,420	N/A
Wood Hobby	SF	4,420	N/A
Bowling	Lanes	32	N
Enlisted Club***	SF	53,196	Y
Officer's Club***	SF	40,482	N
Library	SF	24,054	N/A
Library	Books**	121,007	N/A
Theater	Seats	1,350	Y
ITT	SF	1,426	Y
Museum/Memorial	SF		
Pool (indoor)	Lanes	7	N/A
Pool (outdoor)	Lanes	6	N/A
Beach	LF	15,840	N/A
Swimming Ponds	Each		
Tennis CT	Each	51	N/A
SNCO Club(4)***	SF	40,676	N
All Hands Club (2)***	SF	6,387	Y

**Does not include 39,000 volumes of micro-fiche, 8,275 audio cassettes and 2,031 video tapes

***Profitability calculated on the basis of: Sales - Expenses = Profit/Loss. Expenses include labor, cost of goods, and other operating costs. Expenses do not include any allocation of corporate overhead expense. Timeframe for reporting is MWR Fiscal Year (February-January).

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

CONT.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	6	N/A
Basketball CT (outdoor)	Each	45	N/A
Racquetball/Handball CT	Each	32	N/A
Golf Course	Holes	36	Y
Driving Range	Tee Boxes	50	Y
Gymnasium *	SF	41,330	N/A
Fitness Center **	SF	17,330	N/A
Marina	Berths	116	Y
Stables	Stalls	92	N
Softball Fld	Each	48	N/A
Football Fld	Each	24	N/A
Soccer Fld	Each	***	N/A
Youth Center	SF	3,636	N/A

* Includes 10 gyms
** Includes 2 centers
*** Multi-used as football/soccer field

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

Yes, it belongs to the NC State Interlibrary Loan System

Base Family Support Facilities and Programs

67. 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 *						
6 wks - 12 Mos *	32	X			190	365
12-24 Mos	45	X			112	365
24-36 Mos	70	X			96	275
3-5 Yrs	144	X			113	180

***Infants are grouped 6 weeks - 12 months**

68. 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

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

69. 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.

State-licensed, privately-owned child care centers or state-licensed family child care homes

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

52 as of 8 June 1994

CNS/CAC-HOMES
OPTIONAL FORM

SPONSOR NUMBER 7422
CLAIM MONTH AND YEAR: 6/ 94

NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION
DIVISION OF SCHOOL SERVICES
CHILD NUTRITION SERVICES SECTION
CHILD AND ADULT CARE FOOD PROGRAM

DAY CARE HOME MONTHLY SUMMARY RECORD

SPONSOR NAME: CAMP LEJEUNE FAMILY CHILD CARE PROGRAM

		NUMBER OF MEALS SERVED				
		(3)	(4)	(5)	(6)	(7)
HOME #	HOME NAME	BREAK.	A.M. SUPP.	P.M. SUPP.	LUNCH	SUPPER
1025	LAMPHERE, PATRICIA					
211	LITCHFIELD, TERESA					
6039B	LOGAN, MARION					
1521	MCBRIDE, PINKEY					
974	MOORE, KATRINA					
5959D	MURPHY, DIANNE					
810	O'BRIEN, ANNIE					
5835	OSBURN, CAROLYN					
6137A	PACE, VIRGINIA					
1079	REYES, ANGELA					
1350	ROLLINS, MICHELLE					
5959	SAVOIE, MARY					
2228	SEGADA, JUDY					
108	SKINNER, CARLA					
548	STEWART, THERESA					
1249	STRONG, MARCIA					
5317	STROUD, DEBBIE					
3414	STURGEON, SHANNEL					
1410	TAYLOR, DARLENE					
714	TURANO, LANA					
1022	TURNER, SHERRY					
2220	TYMKIN, BONNY					
5085	VUKSTA, JO-ANN					
	PAGE-TOTAL					
	TOTAL					

THIS FORM OR AN OPTIONAL FORM MUST BE SUBMITTED WITH THE CLAIM FOR REIMBURSEMENT (CNS/CAC-1-B).

R

CNS/CAC-HOMES
OPTIONAL FORM

SPONSOR NUMBER: 7422
CLAIM MONTH AND YEAR: 6 / 94

NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION
DIVISION OF SCHOOL SERVICES
CHILD NUTRITION SERVICES SECTION
CHILD AND ADULT CARE FOOD PROGRAM

DAY CARE HOME MONTHLY SUMMARY RECORD

SPONSOR NAME: CAMP LEJEUNE FAMILY CHILD CARE PROGRAM

		NUMBER OF MEALS SERVED				
		(3)	(4)	(5)	(6)	(7)
HOME NO.	HOME NAME	BREAK.	A.M. SUPP.	P.M. SUPP.	LUNCH	SUPPER
5154	AMBURGEY, SUSIE					
1203	BAKER, ANNESSA					
441	BRINKLEY, MERITA					
5688	BROOKS, DEBRA					
5637	BURT, ULANDA					
796	BUTLER, MICHELLE					
5373	CAMPBELL, EMILY					
2600	CANZONERI, LISA					
5257	CHANDLER, CAROL					
600	CONROY, GINA					
5069	DENTEL, LORRIE					
2120	FOGG, SAMANTHA					
599	GLEN, PATRICIA					
1412	GREPPI, HOLLIE					
2234	GRIMES, LEILANI					
5907	GREEN, BEVERLY					
2972	HAMBY, AIMEE					
2973	HILL, CAROL					
5805	HINES, JANICE					
552	HOFFMAN, MICHELLE					
5668	HOLTON, LYNETTE					
2985	KEELING, PAULA					
	PAGE-TOTAL					
	TOTAL					

THIS FORM OR AN OPTIONAL FORM MUST BE SUBMITTED WITH THE CLAIM FOR REIMBURSEMENT (CNS/CAC-1-B).

CNS/CAC-HOMES
OPTIONAL FORM

SPONSOR NUMBER: 7422
CLAIM MONTH AND YEAR: 6/94

NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION
DIVISION OF SCHOOL SERVICES
CHILD NUTRITION SERVICES SECTION
CHILD AND ADULT CARE FOOD PROGRAM

DAY CARE HOME MONTHLY SUMMARY RECORD

SPONSOR NAME: CAMP LEJEUNE FAMILY CHILD CARE PROGRAM

		NUMBER OF MEALS SERVED				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
HOME #	HOME NAME	BREAK.	A.M. SUPP.	P.M. SUPP.	LUNCH	SUPPER
1077	SARRION, DEBORAH					
2364	WARREN, ANGELA					
2071	WATKINS, LYNNE					
1403	WILLIAMS, BETTY					
1625	WINDERS, MICHELLE					
2324	WRIGHT, KARRIE					
1212	Makuch, Christina					
	PAGE-TOTAL					
	TOTAL					

THIS FORM OR AN OPTIONAL FORM MUST BE SUBMITTED WITH THE CLAIM FOR REIMBURSEMENT (CNS/CAC-1-B).

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

Marine Corps Air Station, New River
Child Development Center, 67 full-time capacity,
ages: 6 wks - 5 yrs

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

Service	Unit of Measure	Qty
Exchange *	SF	256,664
Gas Station **	SF	18,297
Auto Repair	SF	
Auto Parts Store	SF	
Commissary	SF	
Mini-Mart ***	SF	86,160
Package Store	SF	3,600
Fast Food Restaurants	Each	18
Bank/Credit Union	Each	
Family Service Center	SF	4,825
Laundromat ****	SF	4,203
Dry Cleaners	Each	6
ARC	PN	
Chapel	PN	2,200
FSC Classrm/Auditorium	PN	100
Cafe	Each	1
Hot Dog Stand	Each	4

*** Includes 2 exchanges**
**** Includes 3 service stations**
***** Includes 18 stores**
****** Includes 2 laundromats**

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

City	Distance (Miles)
Charlotte, NC	250
Greensboro, NC	200
Raleigh, NC	126

*The following cities are identified based on their importance to Camp Lejeune in the areas of logistics, training and mobilization.

Washington, DC	343
Norfolk, VA	194
Wilmington, NC	56
Morehead, NC	45

74. Standard Rate VHA Data for Cost of Living: Effective 1 Jan 94

Paygrade	With Dependents	Without Dependents
E1	43.33	24.24
E2	25.31	15.91
E3	16.69	12.30
E4	29.83	20.82
E5	36.38	25.40
E6	30.46	20.73
E7	17.89	12.43
E8	27.44	20.75
E9	0	0
W1	130.13	98.83
W2	80.84	63.41
W3	95.38	77.54
W4	64.08	56.82

W5	64.08	56.82
O1E	77.25	57.30
O2E	107.79	85.94
O3E	35.20	29.78
01	112.20	82.68
O2	101.85	79.61
O3	55.49	46.72
O4	32.07	27.89
O5	32.58	26.94
O6	25.21	20.87
O7	0	0

Off-base housing rental and purchase

75. 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 FURNISHED	Annual Low UN-FURNISHED	
Efficiency	250	220	70
Apartment (1-2 Bedroom)	310	270	80
Apartment (3+ Bedroom)	504	395	125
Single Family Home (3 Bedroom)	600	400	150
Single Family Home (4+ Bedroom)	800	550	160
Town House (2 Bedroom)	650	450	80
Town House (3+ Bedroom)	950	550	125
Condominium (2 Bedroom)	650	450	80
Condominium (3+ Bedroom)	775	600	125

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

Type Rental	Percent Occupancy Rate
Efficiency	90%
Apartment (1-2 Bedroom)	90%
Apartment (3+ Bedroom)	93%
Single Family Home (3 Bedroom)	95%
Single Family Home (4+ Bedroom)	95%
Town House (2 Bedroom)	99%
Town House (3+ Bedroom)	100%
Condominium (2 Bedroom)	99%
Condominium (3+ Bedroom)	100%

77. What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	80,000
Single Family Home (4+ Bedroom)	95,000
Town House (2 Bedroom)	70,000 OCEAN FRONT
Town House (3+ Bedroom)	90,000 OCEAN FRONT
Condominium (2 Bedroom)	85,000 OCEAN FRONT
Condominium (3+ Bedroom)	95,000 OCEAN FRONT

78. 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 94	44	26	3
February 94	30	29	8
March 94	42	37	11
April 94	46	46	13
May 94	55	60	15
June 93	7	5	1
July 93	11	6	1
August 93	13	6	1
September 93	15	8	1
October 93	16	12	1
November 93	18	15	2
December 93	20	17	3

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

1. Number of transfers
2. Supply and demand

80. 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)
Jacksonville	31%	15	30-45
Hubert	3%	15	20-25
Richlands	1%	25	45-60
Sneads Ferry	1%	15	20-25
Swansboro	1%	20	25-30

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

N/A

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area

81. 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
Bethel Christian Academy	Parochial	Pre-K - 6th	No	$1500	N/A	N/A	Principal
Coastal Kiddie College	Public	Pre-K	No	$2250	N/A	N/A	Director
Camp Lejeune Dependents School (8 schools)	DOD	K-12th	Yes	$5462	972 (SAT)	65%	Sp Ed Dir
First Presbyterian Pre-School	Parochial	Pre-K	No	$756	N/A	N/A	Director
Grace Baptist School	Parochial	K-12th	No	$1485	16 (ACT)	38%	Director
Happy Day Christian Child Care Center	Priviate	Pre-School	No	$810	N/A	N/A	Director
Jacksonville Christian Academy	Parochial	K-12th	No	$1300	Not Available	70%	Principal
Living Water Christian School	Private	K-8th	No	$1500	N/A	N/A	Director

Onslow County Schools (29 Schools)	Public	K-12th	Yes	$3756.78	860 (SAT)	76%	Super intedent's Office
Praise Tabernacle Christian School	Parochial	1st-12th	No	$1150	1100 (SAT)	100%	Principal
St. Anne's Episcopal Church Pre-School	Parochial	Pre-School K-1st	No No	$690 $1260	N/A N/A	N/A N/A	Director
St. Francis of Assisi Catholic School	Parochial	Pre-School-8th	No	$1900	N/A	N/A	School Records
Southeastern Pre-School	Private	Pre-School	No	$2275	N/A	N/A	Director
Northwoods United Methodist Church Pre-School	Parochial	Pre-School	No	$585	N/A	N/A	Church Secretary
Calvary Lutheran Pre-School	Parochial	Pre-School	No	$436.50	N/A	N/A	Director

ANNUAL ENROLLMENT COST PER STUDENT IS BASED ON A 9-MONTH SCHOOL YEAR.

82. 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	
Coastal Carolina Community College	Day	Yes	Yes	Yes	Yes	No
	Night	Yes	Yes	Yes	Yes	No
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					

83. 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	
Coastal Carolina Community College	Day	Yes	Yes	Yes	Yes	No
	Night	Yes	Yes	Yes	Yes	No
	Corres-pondence	No	No	No	No	No
Campbell University	Day	No	No	No	No	No
	Night	No	No	Yes	Yes	Yes
	Corres-pondence	No	No	Yes	Yes	No
Boston University	Day	No	No	No	No	Yes
	Night	No	No	No	No	Yes
	Corres-pondence	No	No	No	No	Yes
Southern Illinois University	Day	No	No	No	Yes	No
	Night	No	No	No	Yes	No
	Corres-pondence	No	No	Yes	Yes	No
Webster University	Day	No	No	No	No	Yes
	Night	No	No	No	No	Yes
	Corres-pondence	No	No	No	No	Yes

Spousal Employment Opportunities

84. 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	78	248	187	4.1*
Manufacturing	0	35	28	
Clerical	357	399	380	
Service	40	195	218	
Other	0	53	21	

*Note: The local community does not break the unemployment rate into categories such as professional, clerical, service, etc.

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

No noted difficulty.

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

No noted difficulty.

87. 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.

***See explanation at end of table**

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	16	8	4
Base Personnel - military	3	0	0
Base Personnel - civilian	1	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	2	2	0
2. Blackmarket (6C)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
3. Counterfeiting (6G)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
4. Postal (6L)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)	978	923	209
Base Personnel - military	22	94	29
Base Personnel - civilian	3	5	5
Off Base Personnel - military	10	0	28
Off Base Personnel - civilian	331	318	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)	285	266	215
Base Personnel - military	31	97	36
Base Personnel - civilian	3	11	7
Off Base Personnel - military	61	65	18
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	3567	3189	1042
Base Personnel - military	83	218	132
Base Personnel - civilian	7	133	23
Off Base Personnel - military	24	0	42
Off Base Personnel - civilian	72	937	0
10. Wrongful Destruction (6U)	1594	1614	709
Base Personnel - military	54	276	140
Base Personnel - civilian	32	20	29
Off Base Personnel - military	13	20	29
Off Base Personnel - civilian	403	381	0
11. Larceny - Vehicle (6V)	215	162	64
Base Personnel - military	12	22	38
Base Personnel - civilian	1	4	1
Off Base Personnel - military	2	0	9
Off Base Personnel - civilian	72	33	0
12. Bomb Threat (7B)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)	1026	766	546
Base Personnel - military	41	15	111
Base Personnel - civilian	245	28	198
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	551	518	0
15. Death (7H)	14	9	1
Base Personnel - military	2	0	0
Base Personnel - civilian	12	0	3
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	5	8	0
16. Kidnapping (7K)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	43	295	52
Base Personnel - military	28	34	41
Base Personnel - civilian	1	4	2
Off Base Personnel - military	13	19	15
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)	126	125	34
Base Personnel - military	29	4	9
Base Personnel - civilian	0	0	0
Off Base Personnel - military	41	0	18
Off Base Personnel - civilian	97	121	0
21. Traffic Accident (7T)	3575	3861	950
Base Personnel - military	265	109	43
Base Personnel - civilian	11	9	4
Off Base Personnel - military	111	68	25
Off Base Personnel - civilian	2310	2791	0

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	21	0	8
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)	322	219	79
Base Personnel - military	26	6	39
Base Personnel - civilian	5	1	10
Off Base Personnel - military	14	1	18
Off Base Personnel - civilian	84	66	0
24. Rape (8F)	61	31	31
Base Personnel - military	16	11	15
Base Personnel - civilian	0	0	0
Off Base Personnel - military	17	8	10
Off Base Personnel - civilian	28	19	0
25. Sodomy (8G)	2	2	0
Base Personnel - military	5	2	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

***1. This data was complied using the available source data listed below:**
- **a. Military Police Blotters**
- **b. Law Enforcement Activities Report**
- **c. Onslow county Sheriff Department (OCSD) Crime Statistics Report**
- **d. Jacksonville Police Department (JPD) Crime Statistics Report**

2. All data pertaining to "Off Base Personnel - Civilian" was obtained from OCSD and JPD reports.

3. Data was not available for fiscal year 1993, for OCSD and JPD. Their fiscal year had not ended at the time of this report.

4. **According to OCSD and JPD reports, crime definitions 22 and 25 were combined and added to the Sexual Assault category (Indecent Assault).**

R

DATA CALL 39 PAGE CHANGES, MCB CAMP LEJEUNE

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 12/12/94

R

BRAC-95 CERTIFICATION

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

DATA CALL: 39

ACTIVITY: CAMP LEJEUNE SUPPLEMENTAL DATA

PAGE (S): 25, 29, 66s, 66a, 66b

BSWG REVIEW OFFICIAL

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

LONG RANGE LAND USE PLANNER
Title

GWMoore
Signature

12 Dec 94
Date

41

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:	**Marine Corps Base, Camp Lejeune, NC**
UIC:	**M67001**
Major Claimant:	**CMC**

General Instructions/Background:

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

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

by the certifying official to clearly document the source of any non-DoD information submitted for this data call.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

General Instructions/Background (Continued):

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

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

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

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

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

1. Workforce Data

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

Average Appropriated Fund Civilian Salary Rate:	$25,691.68

Source of Data (1.a. Salary Rate): Civilian Personnel Resource Reporting System

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

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

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
Onslow (Off Base)	NC	12,500	3,715	37%	18	30
Onslow (On Base)	NC	25,141	0	58%	8	15
Other	NC	771	1,280	5%	25	45
				= 100%		

Note: Does not include MCAS, New River, which is reported separately.

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:

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Onslow County

Source of Data (1.b. 1) & 2) Residence Data): Same information/sources used in Data Call #39.

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)
Jacksonville (Population includes Camp Lejeune)	Onslow	1
Wilmington	New Hanover	50
Greenville	Pitt	70
Raleigh	Wake	116
Charlotte	Mecklenburg	238

Source of Data (1.c. Metro Areas): Onslow County Library Information Service

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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	1	.05
20 - 24 Years	15	.72
25 - 34 Years	239	11.55
35 - 44 Years	699	33.77
45 - 54 Years	708	34.20
55 - 64 Years	381	18.41
65 or Older	27	1.30
TOTAL	2070	100 %

Note: The information on civilian workforce on pages 5 - 13 includes civil service employees employed by Marine Corps Base, Camp Lejeune; Naval Hospital; Naval Dental Center; and Eastern Area Counsel Office.

Source of Data (1.d.) Age Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Education Level of Civilian Workforce

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	26	1.26
9th through 11th Grade	116	5.60
12th Grade or High School Equivalency	1209	58.41
1-3 Years of College	483	23.33
4 Years of College (Bachelors Degree)	148	7.15
5 or More Years of College (Graduate Work)	88	4.25
TOTAL	2070	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.)	156
Associate Degree	167
Bachelor Degree	157
Masters Degree	51
Doctorate	5

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM

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	35	1.69
2. Construction (includes facility maintenance and repair)	15-17	318	15.36
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	332	16.04
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	32	1.55
4g. Utilities	49	257	12.42
Sub-Total 4a. through 4g.	40-49	621	30.01
5. Services	70-89		
5a. Lodging Services	70	0	0
5b. Personal Services (includes laundry and funeral services)	72	0	0
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	103	4.98

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5d. Automotive Repair and Services	75	53	2.56
5e. Other Misc. Repair Services	76	12	.58
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	1	.05
5h. Health Services	80	199	9.61
5i. Legal Services	81	15	.72
5j. Educational Services	82	65	3.14
5k. Social Services	83	29	1.40
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	48	2.32
5n. Other Misc. Services	89	323	15.60
Sub-Total 5a. through 5n.:	70-89	848	40.96
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	0	0
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	142	6.86
6c. Public Finance	93	74	3.57
6d. Environmental Quality and Housing Programs	95	32	1.55
Sub-Total 6a. through 6d.		248	11.98
TOTAL		2070	100 %

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.f.) Classification By Industry Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	183	8.84
2. Professional Specialty		
2a. Engineers	27	1.30
2b. Architects and Surveyors	2	.10
2c. Computer, Mathematical & Operations Research	1	.05
2d. Life Scientists	3	.14
2e. Physical Scientists	6	.29
2f. Lawyers and Judges	2	.10
2g. Social Scientists & Urban Planners	7	.34
2h. Social & Recreation Workers	14	.68
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	42	2.03
2k. Health Diagnosing Practitioners (Doctors)	1	.05

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	100	4.83
2m. Communications	1	.05
2n. Visual Arts	2	.10
Sub-Total 2a. through 2n.:	208	10.06
3. Technicians and Related Support		
3a. Health Technologists and Technicians	42	2.03
3b. Other Technologists	54	2.61
Sub-Total 3a. and 3b.:	96	4.64
4. Administrative Support & Clerical	565	27.29
5. Services		
5a. Protective Services (includes guards, firefighters, police)	133	6.43
5b. Food Preparation & Service	19	.92
5c. Dental/Medical Assistants/Aides	5	.24
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	34	1.64
Sub-Total 5a. through 5d.	191	9.23
6. Agricultural, Forestry & Fishing	3	.14
7. Mechanics, Installers and Repairers	244	11.79
8. Construction Trades	177	8.55
9. Production Occupations	210	10.14
10. Transportation & Material Moving	177	8.55

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	16	.77
TOTAL	2070	100 %

Source of Data (1.g.) Classification By Occupation Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM

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.

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

1. Percentage of Military Employees Who Are Married:	39%
2. Percentage of Military Spouses Who Work Outside of the Home:	DATA NOT AVAILABLE
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:	*290
3b. Employed "On-Base" - Non-Appropriated Fund:	*801
3c. Employed "Off-Base" - Federal Employment:	*2
3d. Employed "Off-Base" - Other Than Federal Employment	DATA NOT AVAILABLE

* These numbers represent actual numbers employed. Percentages were not computed because data is not available to determine how many military spouses work outside the home in "Off-Base" Other than Federal Employment positions.

Source of Data (1.h.) Spouse Employment Data): DEFENSE CIVILIAN PERSONNEL DATA SYSTEM; MWR Management Information System; JUMPS/MMS; US Postal Service; Defense Investigation Service

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

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

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

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

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

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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	C	C	C
Schools - Public	C	C	C
Schools - Private	C	C	C
Public Transportation - Roadways	A	B	C
Public Transportation - Buses/Subways	A	B	C
Public Transportation - Rail	A	B	C
Fire Protection	A	B	C
Police	A	B	C
Health Care Facilities	A	B	C
Utilities:	A	B	C
Water Supply	A	B	C
Water Distribution	A	B	C
Energy Supply	A	B	C
Energy Distribution	A	B	C
Wastewater Collection	A	B	C
Wastewater Treatment	A	B	C
Storm Water Collection	A	B	C
Solid Waste Collection and Disposal	A	B	C
Hazardous/Toxic Waste Disposal	A	B	C
Recreational Activities	A	B	C

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.

Due to Camp Lejeune's size, currently about 40,000 active-duty Marines and sailors, a sailors, a 100% increase in the size of the installation's population would obviously have enormous impact on the local and regional communities. Any community attempting to accomodate an inlux of personnel this massive would be forced to engage large-scale infrastructure improvements across a wide range of areas. This response is true for all areas listed above as category "C".

Source of Data (2.a. 1) & 2) - Local Community Table): 1994 Economic Impact Statement

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

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.

Due to the size of Camp Lejeune, approximately 40,000 Marines and Sailors, a 100% increase in the population would obviously have enormous impact on the community. Any region faced with a massive influx of personnel would be forced to make large-scale infrastructure improvements in all the areas listed above. This response is true for all those areas listed above as category "C".

Source of Data (2.b. 1) & 2) - Regional Table): 1994 Economic Impact Statement

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

3. Public Facilities Data:

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

Rental Units: 4%

Units for Sale: 1.7%

Source of Data (3.a. Off-Base Housing): "Rental Units" info obtained from realtors in local area; "Units for Sale" - 1990 census statistic

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

b. **Education.**

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

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Onslow	Onslow	15	7	7	19,682	19,276	Elem 29-1	Elem 29-1	No
							Middle 32-1	Middle 32-1	
							High Scol 32-1	High Scol 32-1	

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

* Under Special circumstances, federally housed students may attend Onslow County Schools.

Source of Data (3.b.1) Education Table): Onslow County Schools

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

6 Elementary Schools
1 Middle School
1 High School
Current Enrollment = 3,735

Source of Data (3.b.2) On-Base Schools): Camp Lejeune Dependents Schools

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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 :

Coastal Carolina Community College

Source of Data (3.b.3) Colleges): J. T. Waters, Base Education Officer, MCB, Camp Lejeune

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:

Coastal Carolina Community College

Air Conditioning, Heating & Refrigeration
Diesel Vehicle Maintenance
Electrical Installation
Electronic Servicing
Machinist
Nursing Assistant
Welding
Practical Nursing
Surgical Technology
Architectural Technology
Automotive Technology
Basic Law Enforcement
Business Computer Programming
Electronic Engineering Servicing
Criminal Justice
Dental Hygiene
Electronics Engineering Technology
Automotive Body Repair
Child Care Worker
Cosmetology
Dental Assistant

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Accounting
Administrative Office Tech
Architectural Technology
Associate Degree Nursing, Registered Nursing
Emergency Medical Science
Fire Protection Technology
General Office
Marketing and Retailing
Medical Laboratory Technology
Medical Office Technology
Microcomputer Systems Technology
Paralegal Technology
Secretarial - Legal

Source of Data (3.b.4) Vo-tech Training): Coastal Carolina Community College

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. **Transportation.**

1) Is the activity served by public transportation?

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

Source of Data (3.c.1) Transportation): Technical knowledge based on deployment experience.

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.

AMTRACK STATION, WILSON, NC 90 MILES

Source of Data (3.c.2) Transportation): Technical knowledge based on deployment experience.

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.

* Albert J. Ellis Airport 18 miles
  USAIR
  Atlantic Southeast Airlines is a Delta Connection
  American Eagle is an American Airlines Connection

Source of Data (3.c.3) Transportation): Technical knowledge based on deployment experience.

4) How many carriers are available at this airport?

Three (3).

Source of Data (3.c.4) Transportation): Technical knowledge based on deployment experience.

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

Interstate 40 35 Miles

Source of Data (3.c.5) Transportation): Technical knowledge based on deployment experience.

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.)

The quality of the road system in and around Camp Lejeune is good. During peak traffic periods the main gate and thoroughfare (Holcomb Blvd) operates at maximum capacity. Holcomb Blvd is a four-lane divided highway. The main gate has two lanes approaching from highway 24 east with a third lane which is on an overpass bridge that allows access to the base from Highway 24 west. Traffic exiting the main gate has one lane which exits onto Highway 24 east, and two lanes that exit onto Highway 24 west which are on the overpass bridge. Minor congestion problems arise occasionally during peak traffic periods. Holcomb Blvd is scheduled for repaving next year with some extension of the lane which exits onto Highway 24 east planned. There are two other manned gates which allow access to the base on Highway 172, one from the Sneads Ferry area and one from the Hubert area.

b) Do access roads transit residential neighborhoods?

YES

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

NO

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

NO

Source of Data (3.c.6) Transportation: Base Staff

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 provide of the service.

Activity does have an agreement with the local community for fire protection. This agreement is between the City of Jacksonville, North Carolina and Marine Corps Base, Camp Lejeune, North Carolina. This agreement provides for support to either party in the event of a major fire. The provider of this support is dependent upon where the fire is located. For example, upon request, Marine Corps Base, Camp Lejeune will provide fire fighting assistance to the City of Jacksonville, North Carolina if the fire is within their jurisdiction. Conversely, upon request, the City of Jacksonville, North Carolina will provide fire fighting support to Marine Corps Base, Camp Lejeune if the fire is aboard the base.

Source of Data (3.d. Fire/Hazmat): Formal Support Agreement

e. **Police Protection.**

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

Exclusive Jurisdiction

2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.

Mainside Camp Lejeune, all housing areas, and rifle range is Exclusive Jurisdiction.

Highway 172 that runs through Camp Lejeune is Concurrent Jurisdiction.

The newly acquired Greater Sandy Run Area is Proprietary Jurisdiction at this time but initiatives are on going to change this to Exclusive Jurisdiction.

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

No, however the activity does occasionally provide bomb dog support to local authorities. DoD directives and Marine Corps Orders allow for this type of humanitarian support.

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

N/A

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.

Source of Data (3.e. 1) - 5) - Police): NC General Statute 104-7

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

f. **Utilities.**

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.

The Onslow County Water Department provides water to limited locations not served by Base facilities. Contract N62470-C-7766 dated 23 May 1990 has been negotiated with the County by Commander, Atlantic Division, Naval Facilities Engineering Command, who holds contracting authority for utility services for Marine Corps activities within the Engineering Field Division's region. Onslow County provides approximately 77,000,000 gallons annually at a cost of approximately $166,000. Exact quantities and costs depend upon actual consumption.

Water and sewer services for the Morehead City Port are provided by the Morehead City Water and Sewer Department. Letter Agreement N62470-M-6182 date 26 February 1990 has been negotiated with the City by Commander, Atlantic Division, Naval Facilities Engineering Command. Morehead City provides approximately 547,000 gallons of water and sewer service annually at a cost of approximately $2300. Exact quantities and costs depend upon actual consumption.

Contracts and agreements are in accordance with NAVFAC Contracting Manual (P-68) and LANTNAVFACCENGCOMINST 11300.3J.

Electricity for Camp Lejeune is not provided by local community but by utility suppliers Carolina Power and Light Company and Jones-Onslow Electric Membership Corporation.

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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): C. H. Baker, Dir, Utilities Branch, Base Maintenance Division, Facilities Department

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.Camp Lejeune (Active-duty)	Military	40,467
2.Camp Lejeune (Civilian workers)	Base Support	4,570
3.Onslow County Public Schools	Education	3,000
4.Local Government	Gov't Services	1,270
5.Onslow Memorial Hospital	Medical services	700
6.Thorn Apple Valley	Food Services	488
7.Stanadyne	Manufacturing	400
8.Coastal Carolina Comm. College	Education	355
9.Bellamy Manufacturing	Manufacturing	258
10.Del-Mar Industries	Manufacturing	255

Source of Data (4. Business Profile): Jacksonville/Onslow Chamber of Commerce

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:

No major loss of employers has occurred during the last five years.

b. Introduction of New Businesses/Technologies:

No major influx of new business or technologies.

c. Natural Disasters:

N/A

d. Overall Economic Trends:

Due to the dominant influence of Camp Lejeune, the local/regional economy has experienced stable, if very moderate growth in the recent past.

Source of Data (5. Other Socio/Econ): Jacksonville/Onslow Chamber of Commerce

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

NONE

Source of Data (6. Other):

DATA CALL #65

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

L. H. LIVINGSTON, BGen, USMC	
NAME (Please type or print)	Signature
Commanding General	12 AUG 1994
Title	Date
MCB, Camp Lejeune, NC	
Activity	

HEADQUARTERS UNITED STATES MARINE CORPS
CERTIFICATION FOR DATA CALL SIXTY-FIVE
MCB CAMP LEJEUNE

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**

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

2 MAY 1994

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CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
MARINE CORPS BASES: CAMP LEJEUNE, NORTH CAROLINA

Category ..... Operational Support
Sub-category ..... Marine Corps Bases
Claimant ..... CMC

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

MARINE CORPS BASES LISTING:

Name	**Location**
MCB CAMP PENDLETON	CAMP PENDLETON CA
MCB CAMP LEJEUNE	**CAMP LEJEUNE NC**
MCB HAWAII	KANEOHE BAY HI

Data for Capacity Analysis

Mission Requirements
a. Units Supported 2
b. Major Equipment Used. 15
c. Training Ranges 21
d. Training Areas. 66

Facilities
a. Training Facilities 90
b. Maintenance and Storage Facilities 111
C. Administrative Spaces 118
d. BEQ/BOQ 124
e. Family Housing. 141
f. Messing 143

Base Infrastructure
a. Real Estate 147
b. Financial Maintenance and Repair Data 150

Ordnance. 151

Mission Requirements

Units Supported.
1. Indicate the number of all active duty FMF units listed below which were **tenant units** aboard this installation on receipt of this data call, and provide the manning level (PN) and number of the units for each of the FYs below.

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	#Units	PN	#Units	PN	#Units	PN	#Units	PN
II MEF								
II MEF HQ	1	340	1	328	1	334	1	334
MEB CE								
MEU CE (22ND)	1	56	1	56	1	56	1	56
2ND MAR DIVISION /1								
HQBN	1		1		1		1	
Trk Co		209		205		208		208
Comm Co		305		299		304		304
MP Co		65		64		65		65
1st Rac Plt		38		37		37		37
2d Rac Plt		38		37		37		37
Div Hq		281		274		280		280
H&S Co		325		321		324		324
Div Band		46		45		46		46
SpecSec Comm		11		11		11		11
Recon Co		146		143		144		144
Totals		1464		1436		1456		1456

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	#Units	PN	#Units	PN	#Units	PN	#Units	PN
2D MAR REGT	1							
Hq Co		291		286		307		307
1st Bn		864		847		858		858
2d Bn		864		847		858		858
3d Bn		864		847		858		858
Recon Plt		27		27		27		27
Totals		2910		2854		2908		2908
6TH MAR REGT	1							
Hq Co		286		281		284		284
1st Bn		869		852		863		863
3d Bn		869		852		863		863
2dBn-4thMar		869		852		863		863
Recon Plt		27		27		27		27
Totals		2920		2864		2900		2900
8TH MAR REGT	1							
Hq Co		289		284		288		288
1st Bn		864		847		858		858
2d Bn		864		847		858		858
3d Bn		864		847		858		858
Recon Plt		27		27		27		27
Totals		2908		2852		2889		2889

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	#Units	PN	#Units	PN	#Units	PN	#Units	PN
ARTILLERY REGT	1		1		1		1	
HqBtry 1/10		185		182		184		184
A Btry 1/10		132		128		129		129
B Btry 1/10		133		128		129		129
C Btry 1/10		133		128		129		129
I Btry 3/12		132		---		---		---
HqBtry 2/10		184		180		182		182
E Btry 2/10		133		128		129		129
F Btry 2/10		133		128		129		129
G Btry 2/10		133		128		129		129
HqBtry 3/10		184		180		182		182
I Btry 3/10		133		128		129		129
K Btry 3/10		132		128		129		129
L Btry 3/10		132		128		129		129
K Btry 3/12		132		---		---		---
HqBtry 5/10		184		180		182		182
R Btry 5/10		132		128		129		129
S Btry 5/10		133		128		129		129
T Btry 5/10		132		128		129		129
Totals		2592		2258		2278		2278

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	#Units	PN	#Units	PN	#Units	PN	#Units	PN
TKBN	1		1		1		1	
H&S Co		428		419		425		425
Co A		79		78		79		79
Co B		79		78		79		79
Co C		79		78		79		79
Co D		79		78		79		79
Totals		744		731		741		741
AABN	1		1		1		1	
H&S Co		298		293		296		296
Co A		185		181		184		184
Co B		185		182		184		184
Co C		185		181		184		184
Co D		185		181		184		184
Totals		1038		1018		1032		1032
CEBN	1		1		1		1	
H&S Co		150		148		149		149
Engr Spt Co		232		227		231		231
Co A		105		103		105		105
Co B		105		103		104		104
Co C		105		103		105		105
Co D		105		103		105		105
Totals		802		787		799		799
LARBN	1		1		1		1	
H&S Co		310		304		302		302
Co A		133		130		132		132
Co B		133		130		132		132
Co C		133		130		132		132
Co D		133		130		132		132
Totals		842		824		830		830

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	#Units	PN	#Units	PN	#Units	PN	#Units	PN
LAI BN (entire BN)*								
2D FSSG								
H&S BN (FSSG)	1	1320	1	1288	1	1307	1	1307
MAINT BN (entire BN)*	1	1486	1	1455	1	1475	1	1475
SUP BN (entire BN)*	1	1127	1	1105	1	1118	1	1118
ES BN (entire BN)*	1	1301	1	1274	1	1292	1	1292
LS BN (entire BN)*	1	815	1	800	1	810	1	810
MT BN (entire BN)*	1	843	1	826	1	837	1	837
MED BN	1	465	1	463	1	465	1	465
DEN BN	1	225	1	225	1	225	1	225

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	#Units	PN	#Units	PN	#Units	PN	#Units	PN
BSSG (CE)								
2D SRIG								
2D SRI GROUP(CE)	1	45	1	44	1	45	1	45
2D RADBN,SRI entire BN)*	1	499	1	488	1	494	1	494
8TH COMMBN (entire Bn)*	1	1179	1	1154	1	1170	1	1170
2D ANGLICO, 2D SRIG	1	221	1	215	1	219	1	219
2D UAV CO,2D SRIG	1	116	1	113	1	115	1	115
H&S Co, 2D SRIG	1	206	1	202	1	204	1	204
INTEL CO, 2D SRIG	1	254	1	259	1	257	1	257
FOR RECON CO, 2D SRIG	1	142	1	138	1	140	1	140
OTHER (Specify)								

* "(entire BN)" = all companies, including H&S CO or HQ Btry, anti tank plt. if applicable.

1 The 2d Marine Division numbers are inclusive of all 2d MarDiv personnel.
There will always be one MEU and one UDP deployed.
This system will run as projected throughout year 2001.

A MEU consists of:
1 Engr Plt - 1 Off/39 Enl
1 AAbn Plt - 1 Off/45 Enl
1 Lar Plt - 1 Off/44 Enl
1 Art Btry - 1 Off/120 Enl

A UDP would consist of which ever separate battalion is deployed during that 6 month period consisting of:
40 Off/800 Enl.

CAPACITY FOR ADDITIONAL UNITS

1.a. Assuming that the base is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present physical plant, facilities etc., **what additional units by type could be assigned?** Provide details and assumptions for all calculations.

Camp Lejeune could not be occupied by any additional units. This data is based on occupancy reports and available warehousing space.

1.b. Assuming that additional MILCON, etc., could be added, what additional units could be assigned to this base? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

See 1.c.

1.c. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. **cannot overcome** (e.g., environmental restrictions, land areas, scheduling conflicts).

A recent detailed study of land usage aboard the current boundaries of Camp Lejeune identified only 6,000 out of 151,000 acres which did not have dedicated use. Virtually all of those 6,000 acres are in use and are required to remain in use as buffer zones. Additional acreage acquisition through MILCON (presuming no donations) is not possible or reasonable owing to loss of revenue to the local tax base and increased interest in commercial or resort development.

2. Indicate unit types, number of units and manning level for each of the FYs, of all **active duty FMF** units not listed in question 1 that were **supported** by this installation but were deployed at the receipt of this data call. (ie. MEU, UDP etc.)

UNIT TYPE	FY94		FY97		FY99		FY01		Is unit capable of being supported at this time?*
	#Units	PN	#Units	PN	#Units	PN	#Units	PN	
MEU CE 24th MEU 26TH MEU	2	112 (56) (56)	2	112 (56) (56)	2	112 (56) (56)	2	112 (56) (56)	yes
**FORCE HQ, FMFLANT	1	225	1	225	1	225	1	225	yes
MSSG 24	1	273	1	273	1	273	1	273	yes
MSSG 26	1	273	1	273	1	273	1	273	yes

* Does this unit have facilities set aside for its occupancy when it returns?

**Force Hq, FMFLANT will be relocating to Camp Lejeune in July 1994.

3. Indicate the **other DOD and reserve units** which were **tenants** aboard this . . . . . .
installation on receipt of this data call, and provide the number and manning level (PN)
of each for the FYs below.

UNIT TYPE	FY94		FY97		FY99		FY01	
	#Units	PN	#Units	PN	#Units	PN	#Units	PN
Defense Investigative Service (DIS)	1	11	1	11	1	11	1	11
NCISFO CAMP LEJEUNE	1	32	1	35	1	37	1	37
HQMC ELTA	1	2	1	2	1	2	1	2
MCRSC RRL	1	2	1	3	1	3	1	3
MCRSC PSR	1	2	1	2	1	2	1	2
2D MEB	1	171	1	171	1	171	1	171
4th FSSG BSSG-2 PSB-E	2	 27 17	2	 27 17	2	 27 17	2	 27 17
20th NCR	1	5	1	5	1	5	1	5
Eastern Area Counsel Office	1	12	1	15	1	15	1	16
NAVHOSP*	1	1213	1	1213	1	1213	1	1213
Navy Audit Service	1	4	1	4	1	4	1	4
MCNAFAS	1	14	1	14	1	14	1	14
PERSUPPDET	1	27	1	28	1	30	1	30
Piedmont Judicial Circuit	1	8	1	8	1	8	1	8

Defense Printing Service	1	15	1	16	1	16	1	16
DRMO	1	26	1	26	1	26	1	26
Camp Lejeune Depn Schools	1	640	1	640	1	700	1	700
OICC/ROICC LANTNAVFAC	1	38	1	32	1	32	1	30
Defense Commissary Agency	1	112	1	120	1	125	1	130
Regional Defense Counsel	1	2	1	2	1	2	1	2
Defense Acct Office	1	70	1	70	1	70	1	70
MCAAT-EC	1	13	1	13	1	13	1	13
FSMAO-1	1	31	1	31	1	31	1	31

* includes core Hospital and 6 Branch Medical Clinics.

4. Indicate other DOD and reserve units types not mentioned in **question 3**, that were **supported** (7 days or more) by this installation during FY 94 but were not aboard on receipt of this data call and provide the number of units and manning level (PN) of each for the FYs below.

UNIT TYPE	FY94		FY97		FY99		FY01		Is unit capable of being supported at this time?*
	#Units	PN	#Units	PN	#Units	PN	#Units	PN	
East Coast Food Mgt Team	1	6	1	6	1	6	1	6	yes
Asstn Regional Defense Counsel	1	1	1	1	1	1	1	1	yes
4th Div**	10	1791	**12	**2149	**13	**2328	**15	**2686	yes
4th FSSG**	17	1564	**21	**1877	**22	**2033	**25	**2346	yes
USNR**	11	1750	**13	**2100	**14	**2275	**16	**2625	yes
USANG**	3	109	**4	**131	**4	**142	**5	**163	yes
PSB East (reserve)	1	230	1	230	1	230	1	230	yes

* Does this unit have facilities set aside for its occupancy when it returns?

**Projections represent 20, 30, and 50% increase to FY94 totals based on greater emphasis on Total Force exercises at Camp Lejeune in the Greater Sandy Run Area in lieu of homogeneous SMCR Enhanced CAX exercises at 29 Palms (MCAGCC).

5. List all non DOD **tenants** at this installation on receipt of this data call, and provide the manning level (PN) of each for the FYs.

UNIT TYPE	FY94	FY97	FY99	FY01
	PN	PN	PN	PN
Contract Dental Assistants	12	12	12	12
EAMC*	98	98+	98+	98+

* Contract Emergency Room and Acute Care Clinic. Number represents FTEs. Contract is up for renewal and major revisions in FY95. No outyear projections are available. It is not expected to go down, but could increase significantly.

Major Equipment Used.

6. Provide the following information on the major equipment authorized for the units listed in question #1:

6.a. UNIT TYPE: Tank Bn
MAJOR EQUIPMENT AUTHORIZED:

TYPE OF MAJOR EQUIP	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
M1A1 TANK	44	78,775	N/A	10,482
5T TRUCK	41			
AVLB	4			
TOTAL	89	78,775	N/A	10,482

6.b. UNIT TYPE: LAI
MAJOR EQUIPMENT AUTHORIZED:

TYPE OF MAJOR EQUIP	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
LAV-25	60	43,287	N/A	8,040
LAV-LOG	16			
LAV-C/C	8			
LAV-MAINT	6			
5T TRK	13			
TOTAL	103	43,287	N/A	8,040

6.c. UNIT TYPE: Assault Amphibian Bn
MAJOR EQUIPMENT AUTHORIZED:

TYPE OF MAJOR EQUIP	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX

AAVC7	9	82,460	N/A	48,757
AAVP7	170			
AAVR7	5			
TOTAL	184	82,460	N/A	48,757

6.d. UNIT TYPE: LCAC (N/A)

MAJOR EQUIPMENT AUTHORIZED:

TYPE OF MAJOR EQUIP	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
TOTAL				

6e. UNIT TYPE: Artillery Bn *
MAJOR EQUIPMENT AUTHORIZED: Guns/Trucks

TYPE OF GUNS/ TRUCKS	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
105mm HOW	12	35,352	N/A	20,936
155mm HOW	18			
5T TRK	58			
TOTAL	88	35,352	N/A	20,936

*Table represents only one battalion of the regiment

6.f. UNIT TYPE: Motor Transport
MAJOR EQUIPMENT AUTHORIZED: Trucks

TYPE OF TRUCKS	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
LVS	194	19,880	N/A	76,077
LVS TRLR	262			
5T TRK	134			
TRACTOR	20			
HMMWV	38			
TOTAL	648	19,880	N/A	76,077

6.g. USER TYPE: Landing Support Bn
MAJOR EQUIPMENT AUTHORIZED: Heavy Equipment

TYPE OF HEAVY EQUIPMENT	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
RTCH	11	17,350	N/A	40,364
PILE DRIVER	18			
FKLT, TRK	47			
RT-4000	30			
TRAM	30			
TOTAL	136	17,350	N/A	40,364

6.h. UNIT TYPE: Engineer Support Bn
MAJOR EQUIPMENT AUTHORIZED: Heavy Equipment

TYPE OF HEAVY EQUIP	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
TRACTOR D/G	22	21,400	N/A	66,170
LVS	34			
STAKE TRLR	45			
BRIDGE TRLR	24			
TOTAL	125	21,400	N/A	66,170

6.i. List other equipment not mentioned above but key in measures used in the table for question #23 of this data call. (duplicate table as necessary)

Detailed information to answer this question will be forwarded as an addendum.

UNIT TYPE:
MAJOR EQUIPMENT AUTHORIZED:

TYPE OF HEAVY EQUIP	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
TOTAL				

Enhancement Capabilities

6.j. Assuming that additional equipment, MILCON, etc., could be added, what additional units could be assigned to this base? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

See 1c.

6.k. List <u>and explain</u> the limiting factors that further funding for personnel,equipment,MILCON, etc. cannot overcome (e.g., environmental restrictions, scheduling conflicts etc.).

See 1c.

C. Training Ranges.

For each type of ground training range listed below which is available at this installation **for support of military units and other organizations**, provide the following information.

7. Pistol Ranges:

RANGE NAME/#	SIZE (ACRES)& # of POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Pistol Range/ A-1	255 acres/ 10 pos	1,054	1,335	2,140	856	3,500	10
Pistol Range/ B-12	259 acres/ 6 pos	693	907	1,117	0	3,500	6
Pistol Range/ D-29	1,009 acres/ 64 pos	1,753	1,595	1,902	10	3,500	64
Pistol Range/ D-30	983 acres/ 40 pos	1,581	1,703	1,656	24	3,500	40
Pistol Range/ F-11	1,123 acres/ 30 pos	2,995	1,666	2,814	904	3,500	30
Pistol Range I-1	277 acres/ 16 pos	262	325	265	32	3,500	16
TOTAL	3,906 acres/ 166 pos	8,338	7,531	9,894 HRS	1,826 HRS	21,000	166

*Distinguish between Department of the Navy usage and all other usage

** Describe how number of hours were calculated.

10 hours per day X 350 days per year

xxx - Indicates firing positions dependent upon weapon type

training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

7.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	11,765	12,942	14,236	14,236	14,236

Enhancement Capabilities

7.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

A-1

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would increase the current level of range maintenance from "breakdown" to "recurring/cyclic".

B-12

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would increase the current level of range maintenance from "breakdown" to "recurring/cyclic".

D-29

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would increase the current level of range maintenance from "breakdown" to "recurring/cyclic".

D-30

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would increase the current

level of range maintenance from "breakdown" to "recurring/cyclic".

F-11

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would increase the current level of range maintenance from "breakdown" to "recurring/cyclic".

I-1

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would increase the current level of range maintenance from "breakdown" to "recurring/cyclic".

7.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

A-1

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as marginal. There are deficiencies in the areas of target movers, range organization and design. MILCON/PMC funding would not increase capacity. However, baffles are planned for this range to eliminate the Safety Danger Zone (SDZ) from extending over the New River. This would eliminate the requirement for visual control of the New River. The range would not have to be placed in check-fire when water craft or aircraft enter the SDZ. Additionally, ten (10) stationary targets would be replaced with a mechanized ten (10) lane pistol target system. Estimated cost is $200K.

B-12

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as marginal. There are deficiencies in the areas of target movers, range organization and design. MILCON/PMC funding would not increase capacity. However, six (6) stationary targets could be replaced with a mechanized six (6) lane pistol target system. Estimated cost is $15K.

D-29

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Baffles are planned for this range to eliminate the Safety Danger Zone (SDZ) from extending over the

New River. This would eliminate the requirement for visual control of the New River. The range would not have to be placed in check-fire when water craft or aircraft enter the SDZ. Estimated cost is $200K.

D-30

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Baffles are planned for this range to eliminate the Safety Danger Zone (SDZ) from extending over the New River. This would eliminate the requirement for visual control of the New River. The range would not have to be placed in check-fire when water craft or aircraft enter the SDZ. Estimated cost is $200K.

F-11

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no planned/programmed projects for this range.

I-1

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as marginal. There are deficiencies in the areas of target movers, range organization and design. MILCON/PMC funding would not increase capacity. However, baffles are planned for this range to eliminate the Safety Danger Zone (SDZ) from extending over the Traps Bay. This would eliminate the requirement for visual control of the New River. The range would not have to be placed in check-fire when water craft or aircraft enter the SDZ. Additionally, ten (10) stationary targets would be replaced with a mechanized ten (10) lane pistol target system. Estimated cost is $200K.

7.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

A-1

The range fan extends over public navigable water (used for recreation/fishing) of the State of North Carolina.

B-12

Range expansion would result in the loss of tidal wetlands.

D-29

The range fan extends over tidal wetlands and navigable waters under the jurisdiction of the State of North Carolina.

D-30

The range fan extends over tidal wetlands and navigable waters under the jurisdiction of the State of North Carolina.

F-11

Any expansion of the range fan would seriously encroach on the two ranges adjacent to
F-11. Also, and expanded range fan would also encompass a portion of the one-half mile Red Cockaded Woodpecker circle.

I-1

An expanded range fan would extend over tidal wetlands and navigable waters under the jurisdiction of the State of North Carolina.

8. Known Distance Ranges

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Known Dist/A	2,239 acres/ 50 pos	1,800	**1,800**	**1,800**	150	1,880	50
Known Dist/B	2,239 acres/ 50 pos	1,800	**1,800**	**1,800**	0	1,880	50
Known Dist/C	2,239 acres/ 50 pos	1,800	**1,800**	**1,800**	0	1,880	50
Known Dist/D	2,239 acres/ 25 pos	1,800	**850**	**1,200**	150	1,880	25
TOTAL	8,956 acres/ 175 pos	7,200	**6,250**	**6,600 HRS**	**300 HRS**	7,520	175

*Distinguish between Department of the Navy usage and all other usage
** Describe how number of hours were calculated.

Forty-seven (47) firing weeks per year. Five (5) maintenance weeks per year. Each firing week consists of four (4) days with each day having ten (10) hours of firing time.

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

8.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	7,260	7,986	8,785	8,785	8,785

Enhancement Capabilities

8.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

Range A

No additional capacity could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease downtime for repairs by increasing the level the current level of maintenance from "breakdown" to "recurring/cyclic".

Range B

No additional capacity could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease downtime for repairs by increasing the level the current level of maintenance from "breakdown" to "recurring/cyclic".

Range C

No additional capacity could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease downtime for repairs by increasing the level the current level of maintenance from "breakdown" to "recurring/cyclic".

Range D

No additional capacity could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease downtime for repairs by increasing the level the current level of maintenance from "breakdown" to "recurring/cyclic".

8.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

Range A
Currently, there have been no requirements identified and no projects are planned.

Range B
Currently, there have been no requirements identified and no projects are planned.

Range C
Currently, there have been no requirements identified and no projects are planned.

Range D
Currently, there have been no requirements identified and no projects are planned.

8.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Range A
The range fan is surrounded by tidal wetlands and navigable waters under the jurisdiction of the State of North Carolina.

Range B
The range fan is surrounded by tidal wetlands and navigable waters under the jurisdiction of the State of North Carolina.

Range C

The range fan is surrounded by tidal wetlands and navigable waters under the jurisdiction of the State of North Carolina.

Range D
The range fan is surrounded by tidal wetlands and navigable waters under the jurisdiction of the State of North Carolina.

9. Other Rifle Ranges (Field Firing)

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Field Firing F-18	1,115 acres/ xxx pos	665	360	2,020	20	8,400 (1)	xxx
Field Firing F-2	1,115 acres/ xxx pos	900	500	655	0	3,500 (2)	xxx
Field Firing F-4	1,136 acres/ 10 pos	1,176	1,916	664	0	8,400 (1)	10
Field Firing F-5	1,076 acres/ 3 pos	943	666	1,796	24	1,896 (3)	3
Field Firing K-211	383 acres/ xxx pos	905	1,654	1,301	38	8,400 (1)	xxx
Field Firing K-212	1,095 acres/ 12 pos	244	421	439	0	4,200 (4)	12
Field Firing K-302	1,145 acres/ 62 pos	644	645	473	0	8,400 (1)	62
Field Firing K-303	1,145 acres/ xxx pos	1,518	1,874	1,418	24	8,400 (1)	xxx
Field Firing K-315	1,145 acres/ xxx pos	775	598	261	0	8,400 (1)	xxx
Field Firing K-317	1,145 acres/ 5 pos	623	366	272	0	8,400 (1)	5

Field Firing K-319	1,145 acres/ xxx pos	1,267	2,482	1,076	0	8,400 (1)	xxx
Field Firing K-321	1,145 acres/ 15 pos	763	993	1,078	0	8,400 (1)	15
Field Firing K-322	1,157 acres/ xxx pos	204	103	64	0	8,400 (1)	xxx
Field Firing K-323	1,157 acres/ 4 pos	462	427	329	0	8,400 (1)	4
Field Firing K-402	1,288 acres/ xxx pos	1,986	1,989	1,526	0	8,400 (1)	xxx
Field Firing K-406A	21 acres/ xxx pos	885	1,116	237	0	8,400 (1)	xxx
Field Firing K-406B	1,155 acres/ xxx pos	989	1,015	165	0	8,400 (1)	xxx
Field Firing K-407	1,155 acres/ xxx pos	459	612	186	0	8,400 (1)	xxx
Field Firing K-408	1,155 acres/ xxx pos	607	699	1,067	0	8,400 (1)	xxx
Field Firing MOUT MAC-1	1,635 acres/ xxx pos	1,523	480	145	0	4,200 (4)	xxx
Field Firing MOUT MAC-2	1,635 acres/ xxx pos	1,082	480	84	0	4,200 (4)	xxx
Field Firing MOUT MAC-4	1,635 acres/ xxx pos	1,226	474	313	0	4,200 (4)	xxx

Field Firing MOUT MAC-5	1,635 acres/ xxx pos	1,646	545	169	0	4,200 (4)	xxx
Field Firing MOUT MAC-6	1,635 acres/ xxx pos	1,470	369	0 No longer in existence	0	4,200 (4)	xxx
Field Firing CS Chamber	1,635 acres/ xxx pos	800	530	721	11	8,400 (1)	xxx
TOTAL	29,688 acres/ xxx pos	23,762	21,314	16,459 HRS	117 HRS	173,396	xxx

*Distinguish between Department of the Navy usage and all other usage
** Describe how number of hours were calculated.

(1) 24 hours per day X 350 days per year
(2) 10 hours per day X 350 days per year
(3) 8 hours per day X 237 days per year
(4) 12 hours per day X 350 days per year

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

9.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	**FY 1995**	**FY 1997**	**FY 1999**	**FY 2001**
PROJECTED REQUIREMENT	19,471	21,418	23,560	23,560	23,560

Enhancement Capabilities

9.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide

details and assumptions for all calculations.

F-18

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

F-2

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

F-4

This range requires a range operator and is under COMS contract. This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

F-5

This range requires a range operator and is under COMS contract. This is a Remote Engagement Target System (RETS) range. With unconstrained operational funding, additional capacity (available hours) could be gained by going to a sixteen (16) hour day. In addition, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-211

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-212

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-302

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-303

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-315

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-317

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-319

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-321

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-322

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-323

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-402

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-406A

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-406B

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve.

Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-407

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-408

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

MOUT MAC-1

This range requires a MOUT Administrator to be on-site. This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

MOUT MAC-2

This range requires a MOUT Administrator to be on-site. This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

MOUT MAC-4

This range requires a MOUT Administrator to be on-site. This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to

"recurring/cyclic".

MOUT MAC-5

This range requires a MOUT Administrator to be on-site. This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

MOUT MAC-6

This range requires a MOUT Administrator to be on-site. This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

CS CHAMBER

Unconstrained operational funding would allow for an additional capacity to be gained.

9.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

F-18

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

F-2

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as marginal. There are range deficiencies in the areas of target configuration, range organization and design. MILCON/PMC funding could be utilized to convert this range to an Automated Field Fire (AFF) RETS range to include infantry moving targets that would eliminate the deficiencies. Estimated cost is $2.0M.

F-4

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as adequate. There are range deficiencies in the areas of target configuration, range organization and design. MILCON/PMC funding could be utilized to convert this range to an Automated Field Fire (AFF) RETS range to include infantry moving targets that would eliminate the deficiencies. Estimated cost is $2.0M.

F-5

The range is adequate. However, the addition of two (2) infantry movers (RETS) would upgrade to range in accordance with training standards (requiring the engagement of moving targets). Base assets will be utilized to meet this requirement in 1995. Estimated cost is $25K.

K-211

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

K-212

This range was renovated in 1992. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-302

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as inadequate. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-303

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as adequate. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-315

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as adequate. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-317

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as marginal. There are range deficiencies in the areas of target configuration, range organization and design. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-319

This range was renovated in 1992. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-321

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as marginal. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-322

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as marginal. There are range deficiencies in the areas of target configuration, range organization and design. MILCON/PMC funding to construct a Anti-Armor Tracking Range (AATR) in the Greater Sandy Run will satisfy this requirement. Estimated cost is $2.0M.

K-323

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as adequate. There are range deficiencies in the areas of target configuration, range distance and design. Renovations to the range, extending the longest shot to 400 meters, and new firing line positions would satisfy these deficiencies. Estimated cost is $300K.

K-402

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as adequate. Currently, there are not planned/programmed MILCON/PMC projects for this range.

K-406A

Range structure was recently renovated. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-406B

Range structure was recently renovated. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-407

There are range deficiencies in the areas of target configuration, range maintenance design. Currently, there are no planned/programmed MILCON/PMC projects for this range.

K-408

There are range deficiencies in the areas of target configuration, range maintenance design. Currently, there are no planned/programmed MILCON/PMC projects for this range.

MOUT MAC-1

There are range deficiencies in the areas of MAC maintenance and the adequacy of existing target systems. Currently, there are no planned/programmed MILCON/PMC projects for this range.

MOUT MAC-2

There are range deficiencies in the areas of MAC maintenance and the adequacy of existing target systems. Currently, there are no planned/programmed MILCON/PMC projects for this range.

MOUT MAC-4

There are range deficiencies in the areas of MAC maintenance and the adequacy of existing target systems. Currently, there are no planned/programmed MILCON/PMC projects for this range.

MOUT MAC-5

There are range deficiencies in the areas of MAC maintenance and the adequacy of existing target systems. Currently, there are no planned/programmed MILCON/PMC projects for this range.

MOUT MAC-6

There are range deficiencies in the areas of MAC maintenance and the adequacy of existing target systems. Currently, there are no planned/programmed MILCON/PMC projects for this range.

CS CHAMBER

There is a need for a parking lot that has been identified, however, there are no planned/programmed MILCON/PMC projects for this range.

9.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

F-18

The range fan encompasses a portion of the one-half mile circle for the Red Cockaded Woodpecker habitat and wetlands exist down range.

F-2

There are no limiting factors on the range.

F-4

The range fan encompasses a portion of the one-half mile circle for the Red Cockaded Woodpecker habitat and the range fan includes regulated wetlands.

F-5

There are no limiting factors on the range.

K-211

The range fan encompasses a portion of the one-half mile circle for the Red Cockaded Woodpecker habitat and wetlands exist down range.

K-212
Any range expansion would encroach on the adjacent ranges.

K-302
The range fan includes marked contiguous Red Cockaded Woodpecker habitat and one-half mile circle and wetlands.

K-303
The range fan extends over marked contiguous Red Cockaded Woodpecker habitat and one-half mile foraging circle. The range fan extends over regulated wetlands and into the dudded K-2 impact area.

K-315
The range fan extends over regulated wetlands and into the dudded K-2 impact area.

K-317
The range fan extends over regulated wetlands and into the dudded K-2 impact area.

K-319
The range fan extends over tidal wetlands and into the dudded K-2 impact area.

K-321
The range fan extends over wetlands and into the dudded K-2 impact area.

K-322
The range fan encompasses regulated wetlands and into the dudded K-2 impact area.

K-323
This is a dudded range. The range fan extends over regulated wetlands.

K-402
The range fan encompasses a portion of the one-half mile foraging circle for the Red Cockaded Woodpecker. The range fan extends over regulated wetlands and into the dudded K-2 impact area.

K-406A
The range fan extends over regulated wetlands and into the dudded K-2 impact area.

K-406B
The range fan extends over regulated wetlands and into the dudded K-2 impact area.

K-407
The range fan extends over regulated wetlands.

K-408
The range fan extends over regulated wetlands.

MOUT MAC-1
There are no limiting factors for this range.

MOUT MAC-2
There are no limiting factors for this range.

MOUT MAC-4
There are no limiting factors for this range.

MOUT MAC-5
There are no limiting factors for this range.

MOUT MAC-6
There are no limiting factors for this range.

CS CHAMBER
There are no limiting factors for a new parking lot.

10. Machine Gun Ranges

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Machine Gun F-18A	1,145 acres/ xxx pos	916	**2,422**	**0 No longer exists**	0	8,400	xxx
Machine Gun K-309	78 acres/ xxx pos	1,948	**3,195**	**1,413**	0	8,400	xxx
Machine Gun L-5	2,292 acres/ xxx pos	6,720	**3,842**	**1,710**	0	8,400	xxx
TOTAL	3,515 acres/ xxx pos	9,584	**9,459**	**3,123 HRS**	**0 HRS**	25,200	xxx

*Distinguish between Department of the Navy usage and all other usage.
** Describe how number of hours were calculated.

24 hours per day X 350 days per year

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

10.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	**FY 1995**	**FY 1997**	**FY 1999**	**FY 2001**
PROJECTED REQUIREMENT	6,033	6,636	7,300	7,300	7,300

Enhancement Capabilities

10.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

F-18A

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-309

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

L-5

This range requires a range operator and is under COMS contract. This is a Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

10.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

F-18A

There are range deficiencies in the areas of outdated targets, target configuration, range organization and design. The range is considered inadequate. MILCON/PMC funding could be utilized to develop this range as a Multi-Purpose Machine Gun (MPMG) RETS range. Estimated cost is $2.0M.

K-309

The Marine Corps Land and Training Area Requirements (LATAR) listed this range as inadequate. There are range deficiencies in the areas of target configuration, range organization and design. This range is considered inadequate. MILCON/PMC funding could be utilized to develop this range as a Multi-Purpose Machine Gun (MPMG) RETS range. Estimated cost is $2.0M.

L-5

Range improvements were accomplished during Fiscal Year 1994. Currently, there are no other projects planned. MILCON/PMC funding could add to capacity by adding five (5) firing lanes to an existing RETS range. Estimated cost is $1M.

10.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

F-18A

An expanded range fan would extend over regulated wetlands and encompass a portion of the Red Cockaded Woodpecker marked contiguous habitat.

K-309

An expanded range fan would extend over regulated wetlands and encompass a portion of the Red Cockaded Woodpecker marked contiguous habitat.

L-5

None. The range has room for five (5) additional firing lanes and/or an additional 125 RETS targets.

11. Anti Armor Ranges:

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Anti-Armor G-9	91 acres/ 3 pos	1,017	**568**	**743**	0	8,400	3
Anti-Armor K-301	78 acres/ 4 pos	934	**872**	**637**	0	8,400	4
Anti-Armor K-325	78 acres/ 8 pos	290	**475**	**450**	0	8,400	8
TOTAL	247 acres/ 15 pos	2,241	**1,915**	**1,830 HRS**	**0 HRS**	25,200	15

*Distinguish between Department of the Navy usage and all other usage.
** Describe how number of hours were calculated.

24 hours per day X 350 days per year

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

11.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	**FY 1995**	**FY 1997**	**FY 1999**	**FY 2001**
PROJECTED REQUIREMENT	2,152	2,367	2,604	2,604	2,604

Enhancement Capabilities

11.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

G-9

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-301

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-325

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

11.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

G-9

Range deficiencies are in the areas of target movers, range organization and design. MILCON/PMC funding would add capacity. Currently, there are no planned/ programmed projects for this range.

K-301

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as inadequate. Range deficiencies are in the areas of target movers, range organization and design. The planned construction of an Anti-Armor Tracking Range in the Greater Sandy Run Area will satisfy this deficiency. Estimated

cost is $2.5M.

K-325

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. However, there are range deficiencies in the areas of target movers, range organization and design. MILCON/PMC funding would add capacity.

11.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

G-9

The range fan is adjacent to contiguous habitat and the one-half mile radius foraging circle for the Red Cockaded Woodpecker.

K-301

The range fan extends over regulated wetlands. The range is bounded by the Red Cockaded Woodpecker marked contiguous habitat.

K-325

An expanded range fan would seriously encroach on two adjacent ranges. In addition, the area needed for expansion is divided.

12. Tank/LAV Ranges

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93**	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Tank/LAV G-5	8,717 acres/ xxx pos	447	**895**	**551**	80	2,844	xxx
Tank/LAV G-6	7,454 acres/x xx pos	1,116	**1,813**	**959**	6	2,844	xxx
Tank/LAV G-7	8,663 acres/ xxx pos	1,196	**1,359**	**604**	0	2,844	xxx
TOTAL	24,834 acres/ xxx pos	2,759	**4,067**	**2,114 HRS**	**86 HRS**	8,532	xxx

*Distinguish between Department of the Navy usage and all other usage.
** Describe how number of hours were calculated.

12 hours per day X 237 days per year

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

12.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	**FY 1995**	**FY 1997**	**FY 1999**	**FY 2001**
PROJECTED REQUIREMENT	2,321	2,553	2,808	2,808	2,808

Enhancement Capabilities

12.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

G-5

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

G-6

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

G-7

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

12.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

G-5

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as marginal. Range deficiencies are in the areas of target configuration, range distance and design. The target berm has been upgraded to protect the target system from the 120mm gun on the M1A1 tank.

G-6

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as marginal. However, with the arrival of the M1A1 tank, this range is now inadequate. Range deficiencies are in the areas of target configuration, range distance and design. It is planned to build a new Multi-Purpose Tank Range (MPTR) in the Greater Sandy Run Area (GSRA). This will allow tankers to train up to Table 12 and use lasers. Estimated cost is $5.6M.

G-7

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as marginal. Range deficiencies are in the areas of target configuration, range distance and design. Currently, there are not planned projects for this range.

12.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

G-5

This range encompasses regulated wetlands, navigable waters, sea turtle nesting beach, federal listed plants, and migratory waters for sea turtles/marine mammals.

G-6

A Red Cockaded Woodpecker (RCW) habitat is nearby. The fan encompasses a portion of the one-half mile circle for the RCW. The range fan extends over regulated wetlands/tidal marsh/ navigable waters under the jurisdiction of the State of North Carolina. This range encompasses sea turtle nesting beach and migratory waters for sea turtles/marine mammals.

G-7

The range encompasses regulated wetlands/tidal marsh/ navigable waters under the jurisdiction of the State of North Carolina. The range fan extends over sea turtle nesting beach and migratory waters for sea turtles/marine mammals.

13. Hand grenade Range

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Hand Grenade F-6	21 acres/ 3 pos	689	**989**	**848**	60	2,800	3
Hand Grenade K-405	22 acres/ 6 pos	0	**0**	**0**	0	2,800	6
TOTAL	43 acres/ 9 pos	689	**989**	**848 HRS**	**60 HRS**	5,600	9

*Distinguish between Department of the Navy usage and all other usage.
** Describe how number of hours were calculated.

8 hours per day X 350 days per year

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

13.a. List your projected total usage requirements in hours for the FYs as indicated below:

	FY 1994	**FY 1995**	**FY 1997**	**FY 1999**	**FY 2001**
PROJECTED REQUIREMENT	1,158	1,274	1,401	1,401	1,401

Enhancement Capabilities

13.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

F-6

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-405

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

13.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

F-6

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. However, the addition of three (3) firing pits and new target configurations could be added to the range. Estimated cost is $20K.

K-405

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. Currently, there are no planned/programmed projects for this range. Additional MILCON/PMC funding would not add capacity.

13.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

F-6

None. The range is available for expansion.

K-405

The expanded range fan would extend over regulated wetlands/tidal marsh.

14. CAS/Gunnery Ranges:

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
CAS/ Gunnery BT-3/N-1	30,689 acres/ xxx pos	89	**1,487**	**566**	94	8,400	xxx
CAS/ Gunnery G-10	7,093 acres/ xxx pos	1,512	**1,484**	**1,902**	222	8,400	xxx
TOTAL	37,782 acres/ xxx pos	1,601	**2,971**	**2,468 HRS**	**316 HRS**	16,800	xxx

*Distinguish between Department of the Navy usage and all other usage.

** Describe how number of hours were calculated.

24 hours per day X 350 days per year

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

14.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	**FY 1995**	**FY 1997**	**FY 1999**	**FY 2001**
PROJECTED REQUIREMENT	2,778	3,056	3,362	3,362	3,362

Enhancement Capabilities

14.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

BT-3/N1

No additional capacity could be gained with unconstrained operational funding.

G-10

With unconstrained operational funding, no additional capacity (available hours) could be gained.

14.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

BT-3/N-1

MILCON/PMC funding would not add to capacity. Currently, there are not planned/programmed projects for this range.

G-10

This range is not used for CAS/Door Gunnery training due to safety danger zone concerns. The range is considered inadequate (too small) because only infantry weapons are authorized for live fire on this range. Currently, Door Gunnery/Helo assault is accomplished by firing into the G-10 impact area. The planned construction of a Multi-Purpose Range Complex (MPRC-H) in the Greater Sandy Run Area (GSRA) would allow for the accomplishment of a wide variety of live fire training. Estimated cost is $10.4M.

14.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

BT-3/N1

This is a highly dudded impact area. The Atlantic Intercoastal Waterway must be closed in order to accomplish live fire training. The fan area encompasses sea turtle nesting beach, waters used by migrating sea turtle/marine mammals. Additionally, the area covers beach inhabited by proposed federally listed plant-life.

G-10

The fan extends over regulated wetlands. The fan encompasses portions of Red Cockaded Woodpecker (RCW) marked contiguous habitat and one-half mile circles for the RCW habitat. The range fan also contains federally listed plants.

15. Indirect fire Ranges:

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Individual gun position utilization is shown in the G-10 & BT-3/N-1 Ranges in Item 14							
TOTAL				HRS	HRS		

*Distinguish between Department of the Navy usage and all other usage.
** Describe how number of hours were calculated.

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

15.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT					

N/A

Enhancement Capabilities

15.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical

plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

15.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

15.d. List <u>and explain</u> the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

16. Other Ranges (SPECIFY)

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93 DON/OTHERS*		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
Infty Weapons K-304	1,145 acres/ xxx pos	1,412	**1,674**	**1,494**	24	8,400 (1)	xxx
Infty Weapons K-305	1,145 acres/ xxx pos	2,230	**2,410**	**2,187**	0	8,400 (1)	xxx
Infty Weapons G-3	6,866 acres/ xxx pos	1,671	2,164	2,390	52	8,400 (1)	xxx
Skeet Range D-9	146 acres/ 40 pos	27	**5**	**0**	2,132	2,800 (2)	40
Air Defense Firing E-1	1,055 acres/ xxx pos	3,185	**874**	**1,975**	320	8,400 (1)	xxx
Exp Ord Disp EOD-1	326 acres/ xxx pos	112	**163**	**1,128**	16	8,400 (1)	xxx
Exp Ord Disp EOD-2	302 acres/ xxx pos	960	132	219	0	8,400 (1)	xxx
Eng Trng Area ETA-1	326 acres/ xxx pos	1,578	1,949	2,002	64	4,200 (3)	xxx
Eng Trng Area ETA-3	326 acres/ xxx pos	2,696	4,976	2,472	80	4,200 (3)	xxx
Eng Trng Area ETA-4	326 acres/ xxx pos	un available	1,241	1,175	263	4,200 (3)	xxx

Eng Trng Area ETA-5	326 acres/ xxx pos	open Jan 92	359	628	0	4,200 (3)	xxx
M-257 Smoke Grenade Launcher G-3A	115 acres/ xxx pos	158	492	76	0	4,200 (3)	xxx
Close Quarter Battle G-4	310 acres/ xxx pos	303	0	0	32	8,400 (1)	xxx
Grenade Launch G-8	66 acres/ 3 pos	917	1,209	767	0	8,400 (1)	3
TOTAL	12,780 acres/ xxx pos	15,249	**17,648**	**16,513 HRS**	**2,983 HRS**	91,000	xxx

*Distinguish between Department of the Navy usage and all other usage.
** Describe how number of hours were calculated.

(1) 24 hours per day X 350 days per year
(2) 8 hours per day X 350 days per year
(3) 12 hours per day X 350 days per year

xxx- Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

16.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	17,168	18,885	20,774	20,774	20,774

Enhancement Capabilities

16.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

K-304

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K-305

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

G-3

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

D-9

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

E-1

This range requires a range operator and is under COMS

contract. With unconstrained operational funding, no additional capacity (available hours) could be gained.

EOD-1

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

EOD-2

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

ETA-1

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

ETA-3

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

ETA-4

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

ETA-5

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

G-3A

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

G-4

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

G-8

This is a non-Remote Engagement Target System (RETS) range. With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the range and associated facilities would improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

16.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

K-304

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as inadequate. There are range deficiencies in the areas of target configuration, range organization and design. Construction of a new Multi-Purpose Machine Gun (MPMG) range in the Greater Sandy Run Area (GSRA) would satisfy this deficiency. Cost estimate is $3.0M.

K-305

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as inadequate. There are range deficiencies in the areas of target configuration, range organization and design. Construction of a new Multi-Purpose Machine Gun (MPMG) range in the Greater Sandy Run Area (GSRA) would satisfy this deficiency. Cost estimate is $3.0M.

G-3

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as inadequate. There are range deficiencies in the areas of target configuration, range

organization and design. Currently, the 50cal must be locked in place which results in an inability to traverse fire. Construction of a new Multi-Purpose Machine Gun (MPMG) range in the Greater Sandy Run Area (GSRA) would satisfy this deficiency. Cost estimate is $3.0M.

D-9

MWR funding could add to capacity. Currently, there are not planned/programmed projects for this range.

E-1

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. There are range deficiencies associated with the range facilities. The range currently has one (1) tower. Construction of the associated range facilities as displayed in the criteria/standards of the LATAR Study would meet the requirements. Those facilities are: Preparation Station, Missile Assembly Station, Target Launch Station, Tracking Positions, and Utility Building. Estimated cost is $700K.

EOD-1

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. There are deficiencies in the areas of range organization and design. There is a requirement to construct specific demo pits, safety berm and new observation bunker. Estimated cost is $30K.

EOD-2

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

ETA-1

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

ETA-3

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

ETA-4

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

ETA-5

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

G-3A

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

G-4

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

G-8

The Marine Corps Land and Training Area Requirements (LATAR) Study listed this range as adequate. MILCON/PMC funding would not add capacity. Currently, there are no MILCON/PMC projects planned/programmed for this range.

16.d List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

K-304

The range fan extends over regulated wetlands. The range fan is bounded on both sides by dudded areas.

K-305

The range fan extends over regulated wetlands. Any range expansion would seriously encroach on to adjacent ranges.

G-3

The existing range fan is highly dudded and includes marked contiguous habitat for the Red Cockaded Woodpecker.

D-9

Room is available for expansion, however, range utilization does not justify expenditure of MWR funds for additional capacity.

E-1

The range is adjacent to commercial and recreational fishing in the Atlantic Ocean. It also encompasses the nesting beach for sea turtles, waters used by migratory sea turtles/marine mammals. The range fan covers the beach inhibited by proposed federally threatened plants.

EOD-1

The range fan is adjacent to regulated wetlands and encompasses the one-half mile circle for the Red Cockaded Woodpecker.

EOD-2

The range is near regulated wetlands and navigable waters under the jurisdiction of the State of North Carolina.

ETA-1
The range is near regulated wetlands/tidal marsh and navigable waters under the jurisdiction of the State of North Carolina.

ETA-3
Wetlands and habitat of the Red Cockaded Woodpecker are nearby. In addition, the new Base landfill will be built adjacent to the range.

ETA-4
The range is near endangered plant and the one-half mile circle for the Red Cockaded Woodpecker.

ETA-5
The range is near regulated wetlands and navigable waters under the jurisdiction of the State of North Carolina.

G-3A
The range fan extends over regulated wetlands. The range fan encompasses a portion of the one-half mile circle for the Red Cockaded Woodpecker.

G-4
The range fan extends over regulated wetlands. The range fan encompasses a portion of the marked contiguous habitat for the Red Cockaded Woodpecker.

G-8
The range fan extends over regulated wetlands. The range is near the marked contiguous habitat for the Red Cockaded Woodpecker.

17. **TOTAL RANGE SPACE**. Total number of acres (indicate which measure used) for **all** ranges in the preceding questions 7-16 combined, including impact areas and safety fans:

9,135 (Acres)

Training Areas.
For each type of ground training area which is available at this installation **for support of military units and other organizations**, provide the following information. (Include assault beaches; sea echelon areas; live firing areas; drop zone; maneuver area; etc.)

18. Training Areas:

TRAINING AREA NAME/#	SIZE OF TRAINING AREA (ACRES)	USER SIZE	TYPE OF TRAINING CONDUCTED	NUMBER OF HOURS USED IN FY 91	NUMBER OF HOURS USED IN FY 92	NUMBER OF HOURS USED IN FY 93 DON/ OTHER*		NUMBER OF HOURS AVAILABLE FOR USE IN FY 93**
Maneuver Area A	475	***	M	1,323	5,650	4,926	0	8,400
Maneuver Area B	1,783	***	M	640	2,218	861	0	8,400
Maneuver Area D	4,150	***	M	3,227	7,962	6,846	44	8,400
Maneuver Area E	1,055	***	M	2,135	11,881	8,544	834	8,400
Maneuver Area F	8,901	***	M	2,494	13,086	8,063	407	8,400
Maneuver Area G	10,665	***	M	3,855	38,268	26,008	1,677	8,400
Maneuver Area H	7,377	***	M	9,106	79,806	69,491	683	8,400
Maneuver Area I	7,525	***	M	6,759	63,456	62,492	1,886	8,400
Maneuver Area J	2,000	***	M	2,811	10,130	10,044	171	8,400
Maneuver Area K	3,800	***	M	6,270	36,860	39,870	254	8,400
Maneuver Area L	7,620	***	M	6,270	6,761	3,159	437	8,400
Maneuver Area M	9,150	***	M	12,596	82,878	82,042	214	8,400
Maneuver Area Q	2,500	***	M	4,644	7,879	7,107	497	8,400
Maneuver Area R	2,000	***	M	2,073	6,773	7,137	128	8,400
GSRA	41,000	***	M	NA	NA	21,078	0	8,400
TLZ/Para DZ Albatross	1	***	M	1,350	1,340	2,675	96	8,400

R

ATTACHMENT

The following statement is to provide an addendum to BRAC-95 Data Call #24, Paragraph 18 (Table)

Maneuver areas shown in the table are subdivided into smaller training areas. Therefore, multiple training exercises by various units can be occurring within the designated maneuver area at the same time. This occurrence will result in the "number of hours used" exceeding the "number of hours" in a day.

ATTACHMENT

The following statement is to provide an addendum to BRAC-95 Data Call #24, Paragraph 18 (Table)

Maneuver areas shown in the table are subdivided into smaller training areas. Therefore, multiple training exercises by various units can be occurring within the designated maneuver area at the same time. This occurrence will result in the "number of hours used" exceeding the "number of hours"

TLZ/Para DZ Bluebird	46	***	M	3,855	4,125	5,665	246	8,400
TLZ/Para DZ Canary	17	***	M	968	1,284	1,181	0	8,400
TLZ Cardinal	2	***	M	1,183	1,061	1,081	104	8,400
TLZ/Para DZ Condor	27	***	M	2,522	2,566	3,317	64	8,400
TLZ Para DZ Dodo	9	***	M	1,822	1,457	1,953	128	8,400
TLZ Dove	3	***	M	2,122	1,603	1,759	32	8,400
TLZ/Para DZ Eagle	15	***	M	1,526	1,511	1,914	16	8,400
TLZ/Para DZ Falcon	252	***	M	2,307	3,935	4,853	441	8,400
ADZ Farnell Bay	3	***	A	NA	555	0	0	8,400
ADZ Gator	3	***	A	403	660	474	0	8,400
TLZ/Para DZ Goose	5	***	M	1,643	2,592	3,566	356	8,400
TLZ Hawk	9	***	M	3,609	2,717	2,954	75	8,400
TLZ Jaybird	2	***	M	2,099	3,959	2,118	16	8,400
TLZ Kiwi	2	***	M	352	697	504	0	8,400
TLZ Lark	28	***	M	3,859	2,587	2,778	71	8,400
TLZ Mallard	8	***	M	277	568	95	0	8,400
ADZ Morgan Bay	3	***	A	NA	854	25	0	8,400
TLZ Owl	5	***	M	1,022	1,101	742	32	8,400
TLZ Parrot	3	***	M	1,347	1,248	1,108	20	8,400

TLZ/Para DZ Penguin	24	***	M	2,146	2,121	1,524	0	8,400
TLZ/Para DZ Plover	13	***	M	217	558	495	0	8,400
TLZ Raven	1	***	M	1,045	1,294	1,754	212	8,400
TLZ Robin	9	***	M	1,663	1,546	693	105	8,400
TLZ Shark	3	***	A	102	723	217	176	8,400
TLZ Sparrow	7	***	M	2,002	2,443	2,318	32	8,400
ADZ Stone Bay	3	***	M	NA	372	25	0	8,400
TLZ Vulture	7	***	M	209	91	324	64	8,400
SRV/Camp Davis	67	***	M	2,250	6223	378	11	8,400
TOTAL	110,578 ACRES	XXXXX	XXXXX	106,103 HOURS	425,399 HOURS	404,158 HRS	9,529 HRS	369,600 HOURS

*Distinguish between DON usage and all other usage
** Describe how number of hours were calculated.

24 hours per day X 350 days per year

xxx - Indicates firing positions dependent upon weapon type training being accomplished. Additionally, firing positions may be dependent upon unit discretion, in accordance with safety criteria.

*** - User size is at the Regiment, Battalion & Company (individual units per training area can be provided, if requested)

M - MANEUVER TRAINING CONDUCTED
A - AMPHIBIOUS TRAINING CONDUCTED

18.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	444,574	489,031	537,934	537,934	537,934

Enhancement Capabilities
18.b. Assuming that the ground training facility is not constrained

by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

A

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

B

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

D

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

E

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

F

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by

increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

G

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

H

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

I

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

J

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

K

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

L

With unconstrained operational funding, no additional capacity

(available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

M

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

Q

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, splash points, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

R

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

GSRA

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of administrative roads, tank trails, bivouac facilities, outdoor classrooms, gun positions and landing zones could improve. Unconstrained operational funding would decrease range downtime by increasing the level of range maintenance from "breakdown" to "recurring/cyclic".

TLZ/Para DZ Albatross

With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Bluebird

With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Canary

With unconstrained operational funding, no additional capacity could be gained.

TLZ Cardinal
With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Condor
With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Dodo
With unconstrained operational funding, no additional capacity could be gained.

TLZ Dove
With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Eagle
With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Falcon
With unconstrained operational funding, no additional capacity could be gained.

ADZ Farnell Bay
With unconstrained operational funding, no additional capacity could be gained.

ADZ Gator
With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Goose
With unconstrained operational funding, no additional capacity could be gained.

TLZ Hawk
With unconstrained operational funding, no additional capacity could be gained.

TLZ Jaybird
With unconstrained operational funding, no additional capacity could be gained.

TLZ Kiwi
With unconstrained operational funding, no additional capacity could be gained.

TLZ Lark

With unconstrained operational funding, no additional capacity could be gained.

TLZ Mallard
With unconstrained operational funding, no additional capacity could be gained.

ADZ Morgan Bay
With unconstrained operational funding, no additional capacity could be gained.

TLZ Owl
With unconstrained operational funding, no additional capacity could be gained.

TLZ Parrot
With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Penguin
With unconstrained operational funding, no additional capacity could be gained.

TLZ/Para DZ Plover
With unconstrained operational funding, no additional capacity could be gained.

TLZ Raven
With unconstrained operational funding, no additional capacity could be gained.

TLZ Robin
With unconstrained operational funding, no additional capacity could be gained.

TLZ Shark
With unconstrained operational funding, no additional capacity could be gained.

TLZ Sparrow
With unconstrained operational funding, no additional capacity could be gained.

ADZ Stone Bay
With unconstrained operational funding, no additional capacity could be gained.

TLZ Vulture
With unconstrained operational funding, no additional capacity could be gained.

SRV

With unconstrained operational funding, no additional capacity could be gained.

18.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

A

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

B

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

D

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

E

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

F

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

G

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres

for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

H

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

I

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

J

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

K

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

L

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

M

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas

in the GSRA. Estimated cost is $39M.

Q

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

R

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. Estimated cost is $39M.

GSRA

Based on the Special Training Analysis, MCB Camp Lejeune was deficient 51,600 acres in maneuver areas. The Marine Corps purchased the Greater Sandy Run Area (GSRA) acquiring an additional 41,000 acres for live fire ranges and maneuver ranges. MILCON/PMC funding can be utilized to construct and develop live fire ranges and maneuver areas in the GSRA. The GSRA is considered inadequate until it can be utilized for live fire and maneuvers in accordance with the GSRA Master Plant. Estimated cost is $39M

TLZ/Para DZ Albatross

Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Bluebird

Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Canary

Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Cardinal

Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Condor

Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Dodo

Currently, there are no MILCON/PMC requirements that have been

identified or projects that are planned.

TLZ Dove
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Eagle
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Falcon
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

ADZ Farnell Bay
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

ADZ Gator
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Goose
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Hawk
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Jaybird
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Kiwi
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Lark
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Mallard
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

ADZ Morgan Bay
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Owl
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Parrot
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Penguin
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ/Para DZ Plover
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Raven
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Robin
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Shark
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Sparrow
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

ADZ Stone Bay
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

TLZ Vulture
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

SRV
Currently, there are no MILCON/PMC requirements that have been identified or projects that are planned.

18.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

A
Training area expansion is limited by adjacent private property.

B

Training area expansion is limited by adjacent private property.

D
No room for expansion, adjacent to family housing, the industrial area, and the New River.

E
No room for expansion on the Outer Banks.

F
No room for expansion within Camp Lejeune.

G
No room for expansion within Camp Lejeune.

H
No room for expansion within Camp Lejeune.

I
No room for expansion within Camp Lejeune.

J
No room for expansion within Camp Lejeune.

K
No room for expansion within Camp Lejeune.

L
Training area expansion is limited by adjacent private property.

M
Training area expansion is limited by adjacent private property.

Q
Training area expansion is limited by adjacent private property.

R
Training area expansion is limited by adjacent private property.

GSRA
At this time wetlands and endangered species studies are being accomplished. Some acreage from the new land acquisition (i.e., GSRA) will be lost due to wetlands and endangered species protection.

TLZ/Para DZ Albatross
This landing zone is near the Atlantic Inter-Coaster Waterway and regulated wetlands.

TLZ/Para DZ Bluebird
This landing zone is near regulated wetlands.

TLZ/Para DZ Canary

This landing zone is near regulated wetlands.

TLZ Cardinal
This landing zone is near regulated wetlands and the one-half mile foraging circle for the Red Cockaded Woodpecker.

TLZ/Para DZ Condor
This landing zone is near Red Cockaded Woodpecker habitat.

TLZ/Para DZ Dodo
This landing zones is nearly surrounded by Red Cockaded Woodpecker habitat. Regulated wetlands are nearby.

TLZ Dove
This landing zone is within the one-half mile circle of the Red Cockaded Woodpecker habitat. This landing zone includes regulated wetlands.

TLZ/Para DZ Eagle
This landing zone is adjacent to regulated wetlands and navigable waters.

TLZ/Para DZ Falcon
This landing zone is near regulated wetlands.

ADZ Farnell Bay
This landing zone is adjacent to navigable waters under the jurisdiction of the State of North Carolina.

ADZ Gator
This landing zone consists of an area used by migrating marine mammals/sea turtles. There are also commercial fishing conflicts.

TLZ/Para DZ Goose
This landing zone is near regulated wetlands.

TLZ Hawk
This landing zone is within the one-half mile circle of the Red Cockaded Woodpecker habitat.

TLZ Jaybird
This landing zone is near regulated wetlands.

TLZ Kiwi
This landing zone includes regulated wetlands and navigable waters under the jurisdiction of the State of North Carolina.

TLZ Lark
State Highway 172 and regulated wetlands are adjacent to this landing zone.

TLZ Mallard
This landing zone is adjacent to Camp Johnson's developed area.

ADZ Morgan Bay
This landing zone includes navigable waters under the jurisdiction of the State of North Carolina.

TLZ Owl
There is an installation restoration site nearby, environmental restrictions due to an old dump site.

TLZ Parrot
There is an installation restoration site nearby.

TLZ/Para DZ Penguin
The Land Area (Impact Zone) is restricted. There is Red Cockaded Woodpecker habitat nearby.

TLZ/Para DZ Plover
This landing zone includes regulated wetlands.

TLZ Raven
There are no limiting factors on this landing zone.

TLZ Robin
State Highway 24 is adjacent to this landing zone to the north and State Highway 172 to the east.

TLZ Shark
This landing zone consists of an area used by migrating marine mammals/sea turtles. There are also commercial fishing conflicts.

TLZ Sparrow
There are no limiting factors on this landing zone.

ADZ Stone Bay
There are no limiting factors on this landing zone.

TLZ Vulture
There are no limiting factors on this landing zone.

SRV
There are archaeological/historical sites included in this landing zone.

19. Training Tank (Swimming) Facility

TRAINING TANK NAME/#	SIZE	NUMBER OF HOURS UTILIZED IN FY91	NUMBER OF HOURS UTILIZED IN FY92	NUMBER OF HOURS UTILIZED IN FY93	HOURS AVAILABLE FOR TRAINING IN FY 93*
Combat Training Tank - Area 5	9	2,151	3,092	1,411	2,741
TOTAL	**9**	**2,151 HOURS**	**3,092 Hours**	**1,411 Hours**	**2,741 Hours**

***Describe how number of hours were calculated.**

10.5 hours per day X 261 days per year

19.a. List your projected total usage requirements for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	2,251	2,476	2,724	2,724	2,724

Enhancement Capabilities

19.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

With unconstrained operational funding, additional capacity could be gained through operating the pool on a 24 hour a day basis. In addition, the everyday condition of the training tank and the building could improve. Unconstrained operational funding would decrease training tank downtime by increasing the level of maintenance from "breakdown" to "recurring/cyclic".

19.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

Currently, there is no underwater egress trainer available at MCB Camp Lejeune. MILCON and equipment funding could be used to build a new training tank with an underwater egress trainer. Estimated cost $3.5M.

19.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

There are no limiting factors on this training pool.

20. Current Use and Future Requirements

Category Code (NAVFAC P-80) CCN 179 (Trng Facilities Other Than Buildings)

Type of Facility	Current Allocation (# of Facs)	Inadequate (# of Facs)	Design Capacity (PN)*	FY 1993 AOB (PN)**	Programmed (PN) (FY 1999)
Pistol Ranges	6	0	47,040	4,052	3,687
Known Distance Ranges	5	0	40,690	40,690	37,028
Other Rifle Ranges (Field Firing)	25	1	N/A	46,217	42,057
Machine Gun Ranges	3	1	23,520	37,686	34,294
Anti Armor Ranges	3	1	23,520	38,023	34,601
Tank/LAV Ranges	3	0	0	1,833	1,668
Indirect Fire Ranges	57 Gun Positions	0	8,430	3,772	3,433
Hand Grenade Ranges	2	0	17,740	18,049	16,424
CAS/Gunnery Ranges	2	1	N/A	285 ****	260 ****
Other Ranges (Specify)	14	3	N/A	N/A	N/A
Combat Swimmer Trainers	1	1	4,900	28,331	25,781
Maneuver Areas	5	1	270,000 *****	39,749	36,172

TOTAL		9	N/A	N/A	N/A

*Design Capacity = The number of personnel who can be trained safely annually.

**FY 1993 AOB = Average personnel On Board (loading) that are required to use this type of facility

***Reflects a 9% reduction in base loading from 1992-1999

****Tactical Air Control Party

*****Based on 30 Day exercise involving 30,000 troops X 9 months (3 months to rest the land and perform maintenance)

20.a. For each type of range and area listed in the preceding table, answer the following questions n mobilization. Indicate "NA" if appropriate.

(a) Is additional capacity required for mobilization?

There are no additional capacity requirements for mobilization for the ranges and areas cited above.

(b) If so, how much (PN) and why?

20.b. For all ranges and areas that were classified as inadequate in question #20, identify the type and describe why it is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds.

A. Name/# & Type of range/area: Machine Gun Range K-309
B. What makes it inadequate?: Can't accomplish all training standards, no feed back on target hits
C. What use is being made of the range/area?: Machine Gun Range
D. What other use could be made of the range/area?: Convert to RETS MPMG
E. Cost to correct deficiencies: $2.5M
F. Current improvement plans and programmed funding: FY98 MILCON

A. Name/# & Type of range/area: Anti-Armor Range K-301
B. What makes it inadequate?: Can't accomplish all training standards, poor target visibility, no moving target for AT-4 Gunners, sub-cal device
C. What use is being made of the range/area?: Light Anti-Tank/Anti-Armor Weapons Range
D. What other use could be made of the range/area?: Unknown. Highly dudded
E. Cost to correct deficiencies: $3.0M
F. Current improvement plans and programmed funding: Build new anti-armor training range in GSRA

A. Name/# & Type of range/area: CAS/Gunnery Range G-10
B. What makes it inadequate?: Unsafe for helo and door gunnery live fire, no feedback on target hits
C. What use is being made of the range/area?: Infantry weapons training
D. What other use could be made of the range/area?: Unknown

E. Cost to correct deficiencies: $10.4M
F. Current improvement plans and programmed funding: Develop GSRA MPRC-H, FY95 MILCON

A. Name/# & Type of range/area: Infantry Weapons Range K-304
B. What makes it inadequate?: Can't accomplish all training standards, no feedback on target hits
C. What use is being made of the range/area?: Infantry weapons range
D. What other use could be made of the range/area?: Unknown
E. Cost to correct deficiencies: $3.0M
F. Current improvement plans and programmed funding: Develop GSRA (MPMG) FY99 MILCON

A. Name/# & Type of range/area: Infantry Weapons Range K-305
B. What makes it inadequate?: Can't accomplish all training standards, no feedback on target hits
C. What use is being made of the range/area?: Infantry weapons range
D. What other use could be made of the range/area?: Unknown
E. Cost to correct deficiencies: $3.0M
F. Current improvement plans and programmed funding: Develop GSRA (MPMG) FY 2000 MILCON

A. Name/# & Type of range/area: Infantry Weapons Range G-3
B. What makes it inadequate?: Can't accomplish all training standards, unable to transverse 50 cal fire (must be locked), and target visibility
C. What use is being made of the range/area?: Infantry weapons range
D. What other use could be made of the range/area?: Unknown
E. Cost to correct deficiencies: $3.0M
F. Current improvement plans and programmed funding: Develop GSRA (MPMG)
FY 2000 MILCON

A. Name/# & Type of range/area: Training Pool (Area 5)
B. What makes it inadequate?: Lacks sufficient capacity and has no underwater egress equipment
C. What use is being made of the range/area?: swim training/requalification
D. What other use could be made of the range/area?: Will always be used to train/requal swimmers
E. Cost to correct deficiencies: $3.5M
F. Current improvement plans and programmed funding: Unprogrammed MILCON project for a new training tanks with underwater egress system

A. Name/# & Type of range/area: Maneuver Area, GSRA
B. What makes it inadequate?: Lacks infrastructure for maneuver
C What use is being made of the range/area?: Small unit maneuvers

D. What other use could be made of the range/area?: Multi-Purpose Training Complex (maneuver and live fire ranges)
E. Cost to correct deficiencies: $16.4M (infrastructure only)
F. Current improvement plans and programmed funding: FY96 $10.4M and FY97 $6.0M MILCON

A. Name/# & Type of range/area: Field Firing/B20 K-302 Range
B. What makes it inadequate?: Range design and targets are inadequate for field firing. Can't accomplish training standards
C. What use is being made of the range/area?: 25m B20 Range
D. What other use could be made of the range/area?: None, dudded areas on both sides of the range
E. Cost to correct deficiencies: $Unknown
F. Current improvement plans and programmed funding: None

R

Facilities

A. Academic Training Facilities: [NOTE: SEE ATTACHMENT 1 for Questions: 21, 21a, 21b, and 21c.]

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

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

CCN: 171-10

Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)
Consolidated Education Bldg 202	1	300 seats	705,600

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e. , ranges. Design Capacity (PN) must reflect current use of the facilities.

21.a. For the Student HRS/YR value in the preceding table, describe how that entry was derived.

300 seats X 12 hours per day X 4 days per week X 42 weeks per year and,
300 seat X 8 hours (weekends) X 42 weeks per year

21.b. Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the building/classrooms would improve. Unconstrained operational funding would decrease classroom downtime by increasing the level of maintenance from "breakdown" to "recurring/cyclic".

21.c. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

There are no limiting factors.

ATTACHMENT 1

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Facilities
A. Academic Training Facilities:

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

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

CCN: 171-10

Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)
MCSSS M-101	1	40	76,800
MCSSS M-102	1	40	76,800
MCSSS M-107	10	40	768,000
MCSSS M-112	1	30	57,600
MCSSS M-113	1	30	57,600
MCSSS M-122	1	40	76,800
MCSSS M-123	2	40	153,600
MCSSS M-124	2	40	153,600
MCSSS M-125	2	40	153,600
MCSSS M-126	2	40	153,600
MCSSS M-127	2	40	153,600
MCSSS M-202	1	40	76,800
MCSSS M-203	1	40	76,800
MCSSS M-216	1	35	67,200
MCSSS M-217	1	35	67,200
MCSSS M-218	2	35	134,400
MCSSS M-221	2	35	134,400
MCSSS M-222	3	35	201,600
MCSSS M-223	3	35	201,600

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MCSSS M-224	2	35	134,400
MCSSS M-225	2	35	134,400
MCSSS M-226	2	35	134,400
MCSSS M-227	2	35	134,400
MCSSS M-228	2	35	134,400
MCSSS M-229	2	35	134,400
MCSSS M-255	1	40	76,800
MCSSS M-307	2	40	153,600
MCSSS M-311	4	25	192,000
MCSSS M-313	2	25	96,000
MCSSS M-323	2	50	192,000
MCSSS M-324	7	40	537,600
MCSSS M-326	1	40	76,800
MCSSS M-327	1	40	76,800
MCSSS M-341	1	40	76,800
MCSSS M-401	1	35	67,200
MCSSS M-402	1	35	67,200
MCSSS M-405	2	35	134,400
MCSSS M-406	2	35	134,400
MCSSS M-409	4	35	268,800
MCSSS M-411	2	35	230,400
MCSSS M-413	2	35	135,400
MCSSS M-420	3	30	115,200
MCSSS M-422	4	30	230,400
MCSSS M-521	2	40	153,600
MCSSS M-219	1	35	67,200
MCSSS M-412	2	35	134,400
MCSSS M-329	1	40	76,800
FMSS AIC	1	200	443,200

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MCES Academic Instruction Classroom	29	30	1,566,000
MCES Academic Instruction Classroom	2	20	72,000
SOI AIC	2	176	350,192
SOI AIC	2	300	597,600
SOI AIC	1	145	288,840
SOI AIC	1	144	286,848
SOI AIC	1	102	203,184
SOI AIC	1	82	163,344
SOI	1	63	125,496

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e. , ranges. Design Capacity (PN) must reflect current use of the facilities.

CCN: 171-20

Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)
MCSSS M-101	2	40	153,600
MCSSS M-107	7	40	537,600
MCSSS M-107 (Special Lab)	2	6	23,040
MCSSS M-112	1	30	57,600
MCSSS M-113	1	30	57,600
MCSSS M-122	1	40	76,800
MCSSS, M-139 (Training Tank Pool)	1	40	76,800
MCSSS M-202	1	40	76,800
MCSSS M-203	1	40	76,800
MCSSS M-255	1	40	76,800
MCSSS M-324	5	40	384,000
MCSSS M-326	1	40	76,800

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MCSSS M-341	1	40	76,800
MCSSS M-329	2	40	153,600
MCES Practical Application Classroom	18	30	972,000
MCES Practical Application Classroom	3	20	108,000
SOI Indoor Simulated Marksmanship Trainer	2	8	15,936

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e. , ranges. Design Capacity (PN) must reflect current use of the facilities.

Notes: (1) MCSSS Academic classrooms serve dual purpose in that many are computer or media equipped. Lectures and other academic subjects are given in these classrooms, with practical application exercises immediately following.

(2) SOI provides over 2 million hours of applied instruction per year. This instruction takes place in the same classrooms as the academic instruction or in the field.

21.a. For the Student HRS/YR value in the preceding table, describe how that entry was derived.

MCSSS - Computation of student hours/year was computed using the following formula:

Number of facilities X 8 hours per day X design capacity (number of seats) X 240 days. 240 days is the number of training days arrived when computing available days (365 - 104 (weekend days) - 21 (authorized holiday periods) = 240.

FMSS
200 students X 13 hours per day X 160 days = 416,000 hrs/year (students); 40 students X 8 hours per day X 85 days = 27,200 hours/year (staff); Total 443,200 (see 21.b. for explanation)

MCES
The total number of classrooms X design capacity X 8 student hours per day X 225 days per year = Student hours per year

SOI
The Design capacity X 8 student hours per day X 249 day per year = Student hours per year

R

The total number of days available per year was derived by subtracting all Saturdays, Sundays and holidays from 365 days. The total hours per day for the classrooms was set at 8, reflecting the 40 hour week stated in the Systems Approach to Training Guide. However, the 8 hour day/40 hour week is extremely artificial - and thus an inaccurate way to estimate training time in an environment which is field intensive and requires students to spend training time "over nighters" in the field.

21.b. Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

MCSSS

With the exception of going to mobilization hours (ten hours per day, six days per week), under the current conditions in regard to equipment, MCSSS schools are not capable of introducing additional student load. Major restrictions are the number of computer labs, mechanical training labs, billeting, messing facilities, and wear and tear on vehicles. Small individual savings can be obtained by centralizing the scheduling of classrooms, however, the overhead costs in terms of coordination of man hours and preparation of training sites would be prohibitive in regard to present staffing and not cost effective.

FMSS

The maximum student hours for the training facility is 1,752,000 hours/year which is based on 200 students X 24 hours per day X 365 days per year = 1,752,000. Presently, the actual hours the facility is used exclusively by Field Medical Service School is 13 hours per day, 5 days per week (during our 35 week training schedule), and 8 hours per day, 5 days per week between classes for staff training. Any additional hours gained would be during the evening and weekends.

MCES

The differential between the facility capacity hours and instructional hours would theoretically provide additional student hours within the classrooms. However, the additional capacity will not necessarily be gained in certain classes that do not meet the maximum seating capability of the respective classrooms or labs. For example, a class that has maximum capacity of 10 students that uses a classroom space that can accommodate 30 students will not allow for an increase in facility usage even though there are 20 unused seat in the room. Additionally, the differential in capacity and utilization are disparate because the classrooms are available, but not actually used 8 hours per day, 225 days per year. There are administrative hours in the schedule that make up an 8 hour training day during which classroom spaces are not employed.

R

SOI

The only way to increase capacity would be to use classrooms on holidays and weekends, or convert billeting space into classrooms (which is prohibited by Marine Corps Orders).

21.c. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

MCSSS

Further funding for personnel, equipment and facilities can overcome all restrictions with the exception of time. Plans for additional facilities construction, under current methodologies would take three to five years to implement. Additionally, USMC-wide manpower ceilings, in terms of MOS qualified instructional staffing is restrictive. Only by additional authorized manpower or increased qualified civilian instructor staff, can we expect to get the personnel resources needed for additional student throughput.

FMSS

None

MCES

The limiting factors involve a mismatch between class capacities and facility availability, as addressed in Paragraph 21.b., above. The majority of the entry-level courses maximize classroom seating spaces. However, classes with maximum capacities below the seating available will not allow for the increased classroom utilization.

SOI

Training time is the only problem which further funding cannot overcome. The SOI has a limited amount of time in which to train Marines. Although more equipment, instructors and classrooms would increase the efficiency of training, a Marine's learning quickly decreases as the length of the training day increases beyond normal time.

Facilities
A. Academic Training Facilities:

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

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

CCN: 171-10

Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)
Consolidated Education Bldg 202	1	300 seats	705,600

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e. , ranges. Design Capacity (PN) must reflect current use of the facilities.

21.a. For the Student HRS/YR value in the preceding table, describe how that entry was derived.

300 seats X 12 hours per day X 4 days per week X 42 weeks per year and,
300 seat X 8 hours (weekends) X 42 weeks per year

21.b. Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the building/classrooms would improve. Unconstrained operational funding would decrease classroom downtime by increasing the level of maintenance from "breakdown" to "recurring/cyclic".

21.c. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

There are no limiting factors.

CCN: 171-35

Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)
Combined Arms Staff Trainer (CAST)	1	589	5,159,640

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e. , ranges. Design Capacity (PN) must reflect current use of the facilities.

21.a. For the Student HRS/YR value in the preceding table, describe how that entry was derived.

589 seats X 24 hours per day X 365 days per year

21.b. Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

With unconstrained operational funding, no additional capacity (available hours) could be gained. However, the everyday condition of the building/classrooms would improve. Unconstrained operational funding would decrease classroom downtime by increasing the level of maintenance from "breakdown" to "recurring/cyclic".

21.c. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

There are no limiting factors.

21d.

By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

Schools: Marine Corps Engineer School (MCES)
School of Infantry (includes Staff Non-Commissioned Officers Acadeny) (SOI)
Marine Corps Service Support School (MCSSS)
Field Medical Service School (FMSS)

CCN: 171-10

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 1995 Requirements			FY 1997 Requirements			FY 1999 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Academic	MCES	MO3ACC2	52	213	11,076	41	213	8,733	43	213	9,159	43	213	9,159			
Academic	MCES	MO3ACE2	1	103	103	1	103	103	0	103	0	0	103	103			
Academic	MCES	MO3ACN2	26	126	3,276	6	126	756	5	126	630	8	126	1,008			
Academic	MCES	MO313G2	20	116	2,320	32	116	3,712	30	116	3,480	30	116	3,480			
Academic	MCES	MO311G2	26	151	3,926	35	151	5,285	34	151	5,134	34	151	5,134			
Academic	MCES	MO313E2	24	128	3,072	21	128	2,688	24	128	3,072	24	128	3,072			

21d. SEE ATTACHMENT 1

By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

Schools: Marine Corps Engineer School (MCES)
School of Infantry (includes Staff Non-Commissioned Officers Acadeny) (SOI)
Marine Corps Service Support School (MCSSS)
Field Medical Service School (FMSS)

CCN: 171-10

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 1995 Requirements			FY 1997 Requirements			FY 1999 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Academic	MCES	MO3ACC2	52	213	11,076	41	213	8,733	43	213	9,159	43	213	9,159			
Academic	MCES	MO3ACE2	1	103	103	1	103	103	0	103	0	0	103	103			
Academic	MCES	MO3ACN2	26	126	3,276	6	126	756	5	126	630	8	126	1,008			
Academic	MCES	MO313G2	20	116	2,320	32	116	3,712	30	116	3,480	30	116	3,480			
Academic	MCES	MO311G2	26	151	3,926	35	151	5,285	34	151	5,134	34	151	5,134			
Academic	MCES	MO313E2	24	128	3,072	21	128	2,688	24	128	3,072	24	128	3,072			

Academic	MCES	MO311B2	151	87	13,137	203	87	17,661	169	87	14,703	364	87	31,668			
Academic	MCES	MO311D2	96	101	9,696	145	101	14,645	143	101	14,443	258	101	26,058			
Academic	MCES	MO311O2	217	69	14,973	291	69	20,079	189	69	13,041	547	69	37,743			
Academic	MCES	MO3UAA2	205	160	32,800	180	160	28,800	266	160	42,560	391	160	62,560			
Academic	MCES	MO313O2	896	45	40,320	1,022	45	45,990	917	45	41,265	1,737	45	78,165			
Academic	MCES	MO313I2	319	40	12,760	300	40	12,000	186	40	7,440	634	40	25,360			
Academic	MCES	MO313B2	248	104	25,792	417	104	43,368	486	104	50,544	744	104	77,376			
Academic	MCES	MO313F2	312	30	9,360	507	30	15,210	564	30	16,920	1,085	30	32,550			
Academic	MCES	MO31322	64	42	2,688	85	42	3,570	61	42	2,562	189	42	7,938			
Academic	MCES	MO3UAC2	28	45	1,260	60	45	2,700	61	45	2,745	61	45	2,745			
Academic	MCES	MO3ACS2	57	143	8,151	52	143	7,436	50	143	7,150	50	143	7,150			
Academic	MCES	M03ACU2	38	62	2,356	45	62	2,790	44	62	2,728	43	62	2,666			
Academic	MCES	MO3ACX2	31	103	3,193	45	103	4,635	44	103	4,532	43	103	4,429			

Academic	MCES	MO3CEZ2	10	35	350	5	35	175	5	35	175	5	35	175			
Academic	MCES	MO343F2	16	35	560	10	35	350	10	35	350	10	35	350			
Academic	MCES	MO3EAT2	0	17	0	15	17	255	15	17	255	15	17	255			
Academic	MCES	MO3LBH2	0	19	0	22	19	418	22	19	418	6	19	114			
Academic	MCES	MO3CEY2	8	27	216	12	27	324	12	27	324	12	27	324			
Academic	MCES	MO3CE72	20	6	120	22	6	132	22	6	132	22	6	132			
Academic	MCES	SCM	0	108	0	0	108	0	0	108	0	0	108	0			
Academic	SOI	Marine Combat Training	14,719	39	574,041	11,733	39	457,587	13,229	39	515,931	13,229	39	515,931			
Academic	SOI	Basic Infantryman Course	3,085	44	135,740	3,792	44	166,848	3,310	44	145,640	7,072	44	311,168			
Academic	SOI	Rifleman Course	1,659	25	41,475	2,154	25	53,850	1,903	25	47,575	4,113	25	102,825			
Academic	SOI	Machine Gunner Course	376	45	16,920	432	45	19,440	348	45	15,660	705	45	31,725			
Academic	SOI	Mortarman Course	483	25	12,075	560	25	14,000	490	25	12,250	1,053	25	26,325			
Academic	SOI	Assaultman Course	365	54	19,710	448	54	24,192	372	54	20,088	847	54	45,738			
Academic	SOI	Anti-Tank Guided Missileman Course	202	36	7,272	198	36	7,128	197	36	7,092	354	36	12,744			

Academic	MCES	MO3CEZ2	10	35	350	5	35	175	5	35	175	5	35	175			
Academic	MCES	MO343F2	16	35	560	10	35	350	10	35	350	10	35	350			
Academic	MCES	MO3EAT2	0	17	0	15	17	255	15	17	255	15	17	255			
Academic	MCES	MO3LBH2	0	19	0	22	19	418	22	19	418	6	19	114			
Academic	MCES	MO3CEY2	8	27	216	12	27	324	12	27	324	12	27	324			
Academic	MCES	MO3CE72	20	6	120	22	6	132	22	6	132	22	6	132			
Academic	MCES	SCM	0	108	0	0	108	0	0	108	0	0	108	0			
Academic	MCES	Marine Compat Training	14,719	39	574,041	11,733	39	457,587	13,229	39	515,931	13,229	39	515,931			
Academic	SOI	Basic Infantryman Course	3,085	44	135,740	3,792	44	166,848	3,310	44	145,640	7,072	44	311,168			
Academic	SOI	Rifleman Course	1,659	25	41,475	2,154	25	53,850	1,903	25	47,575	4,113	25	102,825			
Academic	SOI	Machine Gunner Course	376	45	16,920	432	45	19,440	348	45	15,660	705	45	31,725			
Academic	SOI	Mortarman Course	483	25	12,075	560	25	14,000	490	25	12,250	1,053	25	26,325			
Academic	SOI	Assaultman Course	365	54	19,710	448	54	24,192	372	54	20,088	847	54	45,738			
Academic	SOI	Anti-Tank Guided Missileman Course	202	36	7,272	198	36	7,128	197	36	7,092	354	36	12,744			

Academic	SOI	Infantry Squad Leaders Course	216	97	20,952	315	97	30,555	315	97	30,555	315	97	30,555			
Academic	SOI	Infantry Platoon Sergeants Course	200	162	32,400	200	162	32,400	225	162	36,450	225	162	36,450			
Academic	SOI	Sergeants Course	1,200	94	112,800	1,200	94	112,800	1,200	94	112,800	1,200	94	112,800			
Academic	SOI	SNCO Career Course	720	84	60,480	735	84	61,740	735	84	61,740	735	84	61,740			
Academic	SOI	SNCO Advanced Course	525	23	12,075	525	23	12,075	525	23	12,075	525	23	12,075			
Academic	FMSS	FMF Medical Corpsman/Dental Tech	1,050	77	80,850	1,050	77	80,850	1,050	77	80,850	1,050	77	80,850			
Academic	FMSS	Mobile Medical Augmentation Team	80	12	960	200	12	2,400	200	12	2,400	200	12	2,400			
Academic	FMSS	Medical Department Officer Indoctrination	40	40	1,600	40	56	2,240	40	56	2,240	40	56	2,240			
Academic	FMSS	NECAP Naval Reserve	200	60	12,000	350	8	2,800	350	8	2,800	350	8	2,800			
Academic	FMSS	Basic Field Surgical Skills	###	###	###	200	4	800	200	4	800	200	4	800			

Academic	MCSSS	POC	36	143	5,148	36	143	5,148	36	143	5,148	36	143	5,148			
Academic	MCSSS	AC	62	118	7,316	62	118	7,316	62	118	7,316	62	118	7,316			
Academic	MCSSS	APAC	274	167	45,758	274	167	45,758	274	167	45,758	274	167	45,758			
Academic	MCSSS	IDAC	41	67	2,747	41	67	2,747	41	67	2,747	41	67	2,747			
Academic	MCSSS	RAC	87	36	3,132	87	36	3,132	87	36	3,132	87	36	3,132			
Academic	MCSSS	ACC	1,340	78	104,520	1,415	78	110,370	1,301	78	101,478	2,071	78	161,538			
Academic	MCSSS	UDCC	411	63	25,893	419	63	26,397	497	63	31,311	728	63	45,864			
Academic	MCSSS	PCC	540	71	38,340	523	71	37,133	424	71	30,104	1,013	71	71,923			
Academic	MCSSS	SCC	33	164	5,412	33	164	5,412	33	164	5,412	33	164	5,412			
Academic	MCSSS	ALSC	35	20	700	35	20	700	35	20	700	35	20	700			
Academic	MCSSS	LSSC	120	49	5,880	129	49	6,321	58	49	2,842	329	49	16,121			
Academic	MCSSS	GSOC	104	230	23,920	104	230	23,920	104	230	23,920	104	230	23,920			
Academic	MCSSS	ESRC	59	69	4,071	59	69	4,071	59	69	4,071	59	69	4,071			

Academic	MCSSS	ESIC	55	165	9,075	55	165	9,075	55	165	9,075	55	165	9,075			
Academic	MCSSS	EWIC	53	94	4,982	53	94	4,982	53	94	4,982	53	94	4,982			
Academic	MCSSS	ESIDC	30	55	1,650	30	55	1,650	30	55	1,650	30	55	1,650			
Academic	MCSSS	RUSRC	117	58	6,786	117	58	6,786	117	58	6,786	117	58	6,786			
Academic	MCSSS	EWBC	600	42	25,200	580	212	122,960	322	42	13,524	454	42	19,068			
Academic	MCSSS	ESBC	1,040	49	50,960	1,080	49	52,920	1,108	49	54,292	1,104	49	54.096			
Academic	MCSSS	SFSC	15	55	825	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	FSSNCOC	20	63	1,260	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	FSNCOC	57	73	4,161	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	FSSCC	227	64	14,528	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	RFSC	30	29	870	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	BFSC	1,104	70	77,280	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	FMOC	39	185	7,215	39	185	7,215	39	185	7,215	39	185	7,215			

Academic	MCSSS	ADC	31	170	5,270	31	170	5,270	31	170	5,270	31	170	5,270			
Academic	MCSSS	FMCC	13	43	559	13	43	559	13	43	559	13	43	559			
Academic	MCSSS	FBTC	140	60	8,400	140	60	8,400	124	60	7,440	140	60	8,400			
Academic	MCSSS	BDCC	160	126	20,160	199	126	25,074	199	126	25,074	199	126	25,074			
Academic	MCSSS	MTOC	72	122	8,784	72	122	8,784	72	122	8,784	72	122	8,784			
Academic	MCSSS	RMTSC	4	72	288	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	MTSNCOC	126	144	18,144	126	144	18,144	126	144	18,144	126	144	18,144			
Academic	MCSSS	LVSMC	410	46	18,860	410	46	18,860	410	46	18,860	410	46	18,860			
Academic	MCSSS	MTONCOC	72	49	3,528	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	FESCRC	87	78	6,786	87	78	6,786	87	78	6,786	87	78	6,786			
Academic	MCSSS	AIMC	567	135	76,545	567	135	76,545	567	135	76,545	467	135	63,045			
Academic	MCSSS	RAMC	30	27	810	30	27	810	30	27	810	30	27	810			
Academic	MCSSS	AOMC	1,206	95	114,570	1,206	95	114,570	1,765	95	167,675	1,765	95	167,675			
Academic	MCSSS	MVOC	2,911	21	61,131	*	*	*	*	*	*	*	*	*			

Academic	MCSSS	LVSOC	628	7	4,396	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	SROC	2	34	68	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	VRC	293	31	9,083	*	*	*	*	*	*	*	*	*			
Academic	MCSSS	IC	600	40	24,000	600	40	24,000	600	40	24,000	600	40	24,000			
Academic	MCSSS	DC	120	10	1,200	120	10	1,200	120	10	1.200	120	10	1,200			
Academic	MCSSS	AC	120	40	4,800	120	40	4,800	120	40	4,800	120	40	4,800			
Academic	MCSSS	MCIWS	400	20	8,000	400	20	8,000	400	20	8,000	400	20	8,000			
Academic	MCSSS	LOG SCHOOLS	**	**	**	1,102	287	316,274	1,102	287	316,274	1,102	287	316,274			

A = Students per year
B = Number of hours each student spends in this training facility for each course
C = A X B = Number of hours of instruction

- The Basic Field Surgical Skills Course did not commence until mid-late FY 1994

- Traing facility usage cannot be calculated for FY 2001 because traiing throughput figures have not been provided for this fiscal year (Reference CG MCCDC ltr 1500 C463FT13 of 28 Feb 94)

(*) Schools to consolidate/colocate with U.S. Army under ITRO FY 95
(**) Schools proposed to relocated from LFTCLANT/LFTCPAC to MCSSS in FY 95 under USMC Schools consolidation. Numbers are estimates due to uncertainity regarding which Schools will actually relocate, number of hours in POIs, and projected student throughput.

(***) Increase over FY 93 BRAC due to bringing on-line additional instructional buildings to accommodate one additional school and additoinal student throughput of approximately 3,300. Also included Training Tank (Pool) used by MCCWSSS for training.

Note: Student hours identified for FMSS do not include training aconducted in the field, didactic or practical.

CCN: 171-20

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 1995 Requirements			FY 1997 Requirements			FY 1999 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Applied Inst	MCES	MO3ACC2	52	242	12,584	41	242	9,922	43	242	10,406	43	242	10,406			
Applied Inst	MCES	MO3ACE2	1	115	115	1	115	115	0	115	0	1	115	115			
Applied Inst	MCES	MO3ACN2	26	212	5,512	6	212	1,272	5	212	1,060	8	212	1,696			
Applied Inst	MCES	MO313G2	20	145	2,900	32	145	4,640	30	145	4,350	30	145	4,350			
Applied Inst	MCES	MO311G2	26	193	5,018	35	193	6,755	34	193	6,562	34	193	6,562			
Applied Inst	MCES	MO313E2	24	217	5,208	21	217	4,557	24	217	5,208	24	217	5,208			
Applied Inst	MCES	MO311B2	151	132	19,932	203	132	26,796	169	132	22,308	364	132	48,048			
Applied Inst	MCES	MO311D2	96	148	14,208	145	148	21,460	143	148	21,164	258	148	38,184			
Applied Inst	MCES	MO311O2	217	264	57,288	291	264	76,824	189	264	49,896	547	264	144,408			

Applied Inst	MCES	MO3UAA2	205	359	73,595	180	359	64,620	266	359	95,494	391	359	140,369			
Applied Inst	MCES	MO313O2	896	134	120,064	1,022	134	136,948	917	134	122,878	1,737	134	232,758			
Applied Inst	MCES	MO313I2	319	150	47,850	300	150	45,000	186	150	27,900	634	150	95,100			
Applied Inst	MCES	MO313B2	248	213	52,824	417	213	88,821	486	213	103,518	744	213	158,472			
Applied Inst	MCES	MO313F2	312	320	99,840	507	320	162,240	564	320	180,480	1,085	320	347,200			
Applied Inst	MCES	MO31322	64	469	30,016	85	469	39,865	61	469	28,609	189	469	88,641			
Applied Inst	MCES	MO311K2	17	109	1,853	31	109	3,379	27	109	2,943	26	109	2,834			
Applied Inst	MCES	MO3UAC2	28	165	4,620	60	165	9,900	61	165	10,065	61	165	10,065			
Applied Inst	MCES	MO3ACS2	57	253	14,421	52	253	13,156	50	253	12,650	50	253	12,650			
Applied Inst	MCES	M03ACU2	38	360	13,680	45	360	16,200	44	360	15,840	43	360	15,480			
Applied Inst	MCES	MO3ACX2	31	166	5,146	45	166	7,470	44	166	7,304	43	166	7,138			
Applied Inst	MCES	MO3CEZ2	10	45	450	5	45	225	5	45	225	5	45	225			

Applied Inst	MCES	MO343F2	16	55	880	10	55	550	10	55	550	10	55	550			
Applied Inst	MCES	MO3EAT2	0	73	0	15	73	1,095	15	73	1,095	15	73	1,095			
Applied Inst	MCES	MO3LBH2	0	61	0	22	61	1,342	22	61	1,342	6	61	366			
Applied Inst	MCES	MO3CEY2	8	43	344	12	43	516	12	43	516	12	43	516			
Applied Inst	MCES	MO3CE72	20	55	1,100	22	55	1,210	22	55	1,210	22	55	1,210			
Applied Inst	MCES	SCM	0	443	0	0	443	0	0	443	0	0	443	0			
Applied Inst	MCES	Marine Compat Training	14,719	151	2,22569	11,733	151	1,771,683	13,229	151	1,997,579	13,229	151	1,997,579			
Applied Inst	SOI	Basic Infantryman Course	3,085	153	472,005	3,792	153	580,176	3,310	153	506,430	7,072	153	1,082,016			
Applied Inst	SOI	Rifleman Course	1,659	220	364,980	2,154	220	473,880	1,903	220	418,660	4,113	220	904,860			
Applied Inst	SOI	Machine Gunner Course	376	122	45,872	432	122	52,704	348	122	42,456	705	122	86,010			
Applied Inst	SOI	Mortarman Course	483	147	71,001	560	147	82,320	490	147	72,030	1,053	147	154,791			
Applied Inst	SOI	Assaultman Course	365	139	50,735	448	139	62,272	372	139	51,708	847	139	117,733			

Applied Inst	SOI	Anti-Tank Guided Missileman Course	202	178	35,956	198	178	35,244	197	178	35,066	354	178	63,012			
Applied Inst	SOI	Infantry Squad Leaders Course	216	245	52,920	315	245	77,175	315	245	77,175	315	245	77,175			
Applied Inst	SOI	Infantry Platoon Sergeants Course	200	338	67,600	200	338	67,600	225	338	76,050	225	338	76,050			
Applied Inst	SOI	Sergeants Course	1,200	118	141,060	1,200	118	141,600	1,200	118	141,600	1,200	118	141,600			
Applied Inst	SOI	SNCO Career Course	720	221	159,120	735	221	162,435	735	221	162,435	735	221	162,435			
Applied Inst	SOI	SNCO Advanced Course	525	196	102,900	525	196	102,900	525	196	102,900	525	196	102,900			
Applied Inst	FMSS	FMF Medical Corpsman/Dental Tech	1,050	13	13,650	1,050	13	13,650	1,050	13	13,650	1,050	13	13,650			
Applied Inst	FMSS	Mobile Medical Augmentation Team	80	8	640	200	8	1,600	200	8	1,600	200	8	1,600			
Applied Inst	FMSS	NECAP Naval Reserve	200	13	2,600	350	13	4,550	350	13	4,550	350	13	4,550			
Applied Inst	MCSSS	POC	36	65	2,340	36	65	2,340	36	65	2,340	36	65	2,340			
Applied Inst	MCSSS	AC	62	85	5,270	62	85	5,270	62	85	5,270	62	85	5,270			

Applied Inst	MCSSS	APAC	274	155	42,470	274	155	42,470	274	155	42,470	274	155	42,470			
Applied Inst	MCSSS	IDAC	41	58	2,378	41	58	2,378	41	58	2,378	41	58	2,378			
Applied Inst	MCSSS	RAC	87	34	2,958	87	34	2,958	87	34	2,958	87	34	2,958			
Applied Inst	MCSSS	ACC	1,340	208	278,720	1,415	208	294,320	1,301	208	270,608	2,071	208	430,768			
Applied Inst	MCSSS	UDCC	411	204	83,844	419	204	85,476	497	204	101,388	728	204	148,512			
Applied Inst	MCSSS	PCC	540	218	117,720	523	218	114,014	424	218	92,432	1,013	218	220,834			
Applied Inst	MCSSS	SCC	33	188	6,204	33	188	6,204	33	188	6,204	33	188	6,204			
Applied Inst	MCSSS	ALSC	35	50	1,750	35	50	1,750	35	50	1,750	35	50	1,750			
Applied Inst	MCSSS	LSSC	120	196	23,520	129	196	25,284	58	196	11,368	58	196	11,368			
Applied Inst	MCSSS	GSOC	104	157	16,328	104	157	16,328	104	157	16,328	104	157	16,328			
Applied Inst	MCSSS	ESRC	59	74	4,366	59	74	4,366	59	74	4366	104	74	7,696			

Applied Inst	MCSSS	ESIC	55	154	8,470	55	154	8,470	55	154	8,470	55	154	8,470			
Applied Inst	MCSSS	EWIC	53	70	3,710	53	70	3,710	53	70	3,710	53	70	3,710			
Applied Inst	MCSSS	ESIDC	30	19	570	30	19	570	30	19	570	30	19	570			
Applied Inst	MCSSS	RUSRC	117	16	1,872	117	16	1,872	117	16	1,872	117	16	1,872			
Applied Inst	MCSSS	EWBC	600	168	100,800	580	168	97,440	322	168	54,096	454	168	76,272			
Applied Inst	MCSSS	ESBC	1,040	196	203,840	1,080	196	211,680	1,108	196	217,168	1,104	196	216,384			
Applied Inst	MCSSS	SFSC	15	86	1,290	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	FSSNCOC	20	252	5,0400	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	FSNCOC	57	291	16,587	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	FSSCC	227	67	15,209	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	RFSC	30	75	2,250	*	*	*	*	*	*	*	*	*			

Applied Inst	MCSSS	BFSC	1,104	278	306,912	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	FMOC	39	295	11,505	39	295	11,505	39	295	11,505	39	295	11,505			
Applied Inst	MCSSS	ADC	31	253	7,843	31	253	7,843	31	253	7,843	31	253	7,843			
Applied Inst	MCSSS	FMCC	13	242	3,146	13	242	3,146	13	242	3,146	13	242	3,146			
Applied Inst	MCSSS	FBTC	140	192	26,880	140	192	26,880	124	192	23,808	140	192	26,880			
Applied Inst	MCSSS	BDCC	160	303	48,480	199	303	60,297	199	303	60,297	199	303	60,297			
Applied Inst	MCSSS	MTOC	72	92	6,624	72	92	6,624	72	92	6,624	72	92	6,624			
Applied Inst	MCSSS	RMTSC	4	0	0	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	MTSNCOC	126	169	21,294	126	169	21,294	126	169	21,294	126	169	21,294			
Applied Inst	MCSSS	LVSMC	410	71	29,110	410	71	29,110	410	71	29,110	410	71	29,110			
Applied Inst	MCSSS	MTONCOC	72	97	6,984	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	FESCRC	87	222	19,314	87	222	19,314	87	222	19,314	87	222	19,314			

Applied Inst	MCSSS	AIMC	567	380	215,460	567	380	315,460	567	380	215,460	467	380	177,460			
Applied Inst	MCSSS	RAMC	30	43	1,290	30	43	1,290	30	43	1,290	30	43	1,290			
Applied Inst	MCSSS	AOMC	1,206	364	438,984	1,206	364	438,984	1,765	364	642,460	1,765	364	642,460			
Applied Inst	MCSSS	MVOC	2,911	203	590,933	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	LVSOC	628	129	81,012	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	SROC	2	118	236	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	VRC	293	169	49,517	*	*	*	*	*	*	*	*	*			
Applied Inst	MCSSS	IC	600	40	24,000	600	40	24,000	600	40	24,000	600	40	24,000			
Applied Inst	MCSSS	DC	120	30	3,600	120	30	3,600	120	30	3,600	120	30	3,600			
Applied Inst	MCSSS	AC	120	0	0	120	0	0	120	0	0	120	0	0			
Applied Inst	MCSSS	MCIWS	400	127	50,800	400	127	50,800	400	127	50,800	400	127	50,800			
Applied Inst	MCSSS	LOG SCHOOLS	**	**	**	1,102	1,141	1,257,382	1,102	1,141	1,257,382	1,102	1,141	1,257,382			

A = Students per year
B = Number of hours each student spends in this training facility for each course
C = A X B = Number of hours of instruction

- Training facility usage cannot be calculated for FY 2001 because training throughput figures have not been provided for this fiscal year (Reference CG MCCDC ltr 1500 C463FTl3 of 28 Feb 94)

Note: Student hours identified for FMSS do not include training conducted in the field, didactic or practical.

21.e. For **training** buildings with category codes 171-xx, 179-xx and any other CCN's in which training is conducted, provide the amount of adequate, substandard, and inadequate facilities in terms of **square feet and number of students**.

CCN	Facility Type	Adequate		Substandard		Inadequate	
		SF	PN	SF	PN	SF	PN
171-10	ACAD INSTR	73,809	450	74,028	565	227,689	2,406
171-20	APPLIED INSTR	108,764	535	47,114	170	202,347	1,939
171-25	AUDITORIUM	0	0	0	0	2,400	UNK
171-35	OPERATING FAC	14,060	UNK	0	0	0	0
171-45	MOCK TRNG	24,435	UNK	0	0	225	UNK
171-50	SM ARM RNG	0	0	0	0	6,040	10

21.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:

a. FACILITY TYPE/CODE: Training Buildings
b. WHAT MAKES IT INADEQUATE? Electrical/Mechanical System Obsolete, Structural
c. WHAT USE IS BEING MADE OF THE FACILITY? Academic/Applied Training
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $13,161,300
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

22. The following question pertains to mobilization. Indicate "NA" if applicable.

1. Is additional capacity required for mobilization?

   Requirements unknown - quantities dependent upon size and duration of mobilization effort.

2. If so, how much for both SF and personnel? Why?

B. Maintenance and Storage Facilities

23. For each category code listed in the following table which exists at this installation, indicate the average age of the facilities and provide the amount of space available according to the three condition categories.

CCN	Facility Type	Avg Age	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	Ships & Spares	34	SF	84,811	7,220	29,356	121,387
214-xx	Tank, Automotive	31	SF	657,317	226,179	140,407	1,023,903
215-xx	Small Arms Shop	40	SF	38,869	0	11,096	49,965
216-xx	Maintenance Ammo, Explo, Tox	40	SF	0	0	0	0
217-xx	Elec & Comm Equipment	38	SF	346,750	20,861	84,294	451,905
218-xx	Misc Procured items & equipment	18	SF	36,605	0	10,137	46,742
219-xx	Installation Repair & Operation	36	SF	66,914	11,922	59,264	138,100
421-xx	Ammo Storage-Installation	44	SF	4,666	56,941	8,016	69,623
441-xx	General Supply Storage - Covered	48	SF	782,979	939,041	970,262	2,692,282
451-xx	General Supply Storage - Open	19	SF	1,022,846	0	0	1,022,846
xxx-xx	Other 171-77 Trng Matl Stg	17	SF	23,363	6,678	14,918	44,959
Total	xxxxxx	xxx	xxx	3,065,120 Total SF	1,268,842 Total SF	1,327,750 Total SF	5,661,712 Total SF
411-xx	Liquid Storage Bulk	4	BL	842	0	25	867

23.a. 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:

23.a.1. 213

a. FACILITY TYPE/CODE: Ships & Spares/213
b. WHAT MAKES IT INADEQUATE? Avg Age 34 Yrs, some semi-permanent and temporary construction; electrical/mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Woodworking shops, welding shops, boat shop, paint blast shop
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $1,394,410
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.2. 214

a. FACILITY TYPE/CODE: Tank Automotive/214
b. WHAT MAKES IT INADEQUATE? Avg Age 31 Yrs, 50 percent semi-permanent or temporary construction; electrical/mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Auto vehicle maintenance, auto organizational shop
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $5,897,094
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

R

23.a.3. 215

a. FACILITY TYPE/CODE: Small Arms Shop/215
b. WHAT MAKES IT INADEQUATE? 79 percent semi-permanent or temporary construction; electrical/mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Small Arms Shop, Weapons Maintenance Shed
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $604,732
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None. Most structures less than 1000 SF
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.4. 217

a. FACILITY TYPE/CODE: Elec/Comm Equipment/217
b. WHAT MAKES IT INADEQUATE? Avg Age 38 Yrs, electrical/mechanical system obsolete; structural deterioration, design criteria
c. WHAT USE IS BEING MADE OF THE FACILITY? Elec/Comm Maint Shop
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $420,686
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage & Admin
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.3. 215

a. FACILITY TYPE/CODE: Small Arms Shop/215
b. WHAT MAKES IT INADEQUATE? 79 percent semi-permanent or temporary construction; electrical/mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Small Arms Shop, Weapons Maintenance Shed
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $604,732
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None. Most structures less than 1000 SF
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.4. 216

a. FACILITY TYPE/CODE: Maint Ammo, Expl, Tox/216
b. WHAT MAKES IT INADEQUATE? N/A
c. WHAT USE IS BEING MADE OF THE FACILITY? N/A
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: N/A
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.5. 217

a. FACILITY TYPE/CODE: Elec/Comm Equipment/216
b. WHAT MAKES IT INADEQUATE? Avg Age 38 Yrs, electrical/mechanical system obsolete; structural deterioration, design criteria
c. WHAT USE IS BEING MADE OF THE FACILITY? Elec/Comm Maint Shop
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $420,686
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage & Admin
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

R

23.a.5. 218

a. FACILITY TYPE/CODE: Misc Procured Items/Equip / 218
b. WHAT MAKES IT INADEQUATE? Avg Age 38 Yrs, semi-permanent or temporary construction; electrical/mechanical system obsolete
c. WHAT USE IS BEING MADE OF THE FACILITY? Const Equip Shops, Battery Shops, GRD Support Equip Sheds, Fld Maint Shops
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $375,069
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage (Covered and Open)
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.6. 219

a. FACILITY TYPE/CODE: Install Rpr & Operations/219
b. WHAT MAKES IT INADEQUATE? Avg Age 36 Yrs, 50 percent semi-permanent or temporary construction; electrical/mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Public Works Shops; Ground Equip Sheds
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $1,807,552
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Maint Shops and Storage
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.7. 411

a. FACILITY TYPE/CODE: Liq Storage Bulk/411
b. WHAT MAKES IT INADEQUATE? Structural deterioration; lack of environmental systems
c. WHAT USE IS BEING MADE OF THE FACILITY? Vehicle Ready Fuel Storage
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $1,051,042
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: $3,000,000
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.6. 218

a. FACILITY TYPE/CODE: Misc Procured Items/Equip / 218
b. WHAT MAKES IT INADEQUATE? Avg Age 38 Yrs, semi-permanent or temporary construction; electrical/mechanical system obsolete
c. WHAT USE IS BEING MADE OF THE FACILITY? Const Equip Shops, Battery Shops, GRD Support Equip Sheds, Fld Maint Shops
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $375,069
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage (Covered and Open)
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.7. 219

a. FACILITY TYPE/CODE: Install Rpr & Operations/219
b. WHAT MAKES IT INADEQUATE? Avg Age 36 Yrs, 50 percent semi-permanent or temporary construction; electrical/mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Public Works Shops; Ground Equip Sheds
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $1,807,552
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Maint Shops and Storage
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.8. 411

a. FACILITY TYPE/CODE: Liq Storage Bulk/411
b. WHAT MAKES IT INADEQUATE? Structural deterioration; lack of environmental systems
c. WHAT USE IS BEING MADE OF THE FACILITY? Vehicle Ready Fuel Storage
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $1,051,042
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: $3,000,000
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

R

23.a.8. 421

a. FACILITY TYPE/CODE: Ammo Storage Installation
b. WHAT MAKES IT INADEQUATE? Avg Age 44 Yrs; structural deterioration; design criteria
c. WHAT USE IS BEING MADE OF THE FACILITY? Ammo Storage
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $501,000
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: $297,000
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.9. 441

a. FACILITY TYPE/CODE: Gen Supply Storage - Covered/441
b. WHAT MAKES IT INADEQUATE? Avg Age 48 Yrs, semi-permanent or temporary construction; electrical/mechanical system obsolete; structural deterioration; function/space criteria
c. WHAT USE IS BEING MADE OF THE FACILITY? General Supply Storage
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? None
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: $719,000
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.10. xxx-xx Other (171-77)

a. FACILITY TYPE/CODE: Training Material Storage/171-77
b. WHAT MAKES IT INADEQUATE? Heating/air conditioning systems, lighting, lack of environmental systems
c. WHAT USE IS BEING MADE OF THE FACILITY? Training Material Storage
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $454,999
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.9. 421

a. FACILITY TYPE/CODE: Ammo Storage Installation
b. WHAT MAKES IT INADEQUATE? Avg Age 44 Yrs; structural deterioration; design criteria
c. WHAT USE IS BEING MADE OF THE FACILITY? Ammo Storage
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $501,000
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: $297,000
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.10. 441

a. FACILITY TYPE/CODE: Gen Supply Storage - Covered/441
b. WHAT MAKES IT INADEQUATE? Avg Age 48 Yrs, semi-permanent or temporary construction; electrical/mechanical system obsolete; structural deterioration; function/space criteria
c. WHAT USE IS BEING MADE OF THE FACILITY? General Supply Storage
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? None
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: $719,000
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

23.a.11. xxx-xx Other (171-77)

a. FACILITY TYPE/CODE: Training Material Storage/171-77
b. WHAT MAKES IT INADEQUATE? Heating/air conditioning systems, lighting, lack of environmental systems
c. WHAT USE IS BEING MADE OF THE FACILITY? Training Material Storage
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $454,999
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Storage
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

R

23.b. Complete the following tables for **projected future requirements** in SF for each category code number (CCN) listed.

PROJECTED REQUIREMENTS

CCN	Type of Facility	Current Req	FY 95	FY 97	FY 99	FY 01
213-xx	Ships & Spares	86,001 SF	86,001 SF	86,001 SF	86,001 SF	86,001 SF
214-xx	Tank,Automotive	1,300,931 SF	1,300,931 SF	1,300,931 SF	1,300,931 SF	1,300,931 SF
215-xx	Small Arms Shop	54,557 SF	54,557 SF	54,557 SF	54,557 SF	54,557 SF
216-xx	Maintenance-Ammo,Explo,Tox	11,170 SF	11,170 SF	11,170 SF	11,170 SF	11,170 SF
217-xx	Elec & Comm Equipment	320,454 SF	320,454 SF	320,454 SF	320,454 SF	320,454 SF
218-xx	Misc Procured items & equipment	125,290 SF	125,290 SF	125,290 SF	125,290 SF	125,290 SF
219-xx	Installation Repair & Operation	165,064 SF	165,064 SF	165,064 SF	165,064 SF	165,064 SF
421-xx	Ammo Storage-Installation	135,766 SF	135,766 SF	135,766 SF	135,766 SF	135,766 SF
441-xx	General Supply Storage -Covered	2,744,744 SF	2,744,744 SF	2,744,744 SF	2,744,744 SF	2,744,744 SF
451-xx	General supply Storage Open	9,247,743 SF	9,247,743 SF	9,247,743 SF	9,247,743 SF	9,247,743 SF
xxx-xx	Other	17,838 SF	17,838 SF	17,838 SF	17,838 SF	17,838 SF
*Total	xxxxxxxxxxxxxxxxxxxxxx	*14,209,558 SF	*14,209,558 SF	*14,209,558 SF	*14,209,558 SF	*14,209,558 SF
411-xx	Liquid storage Bulk	12,254 BL	12,254 BL	12,254 BL	12,254 BL	12,254 BL

***This total requirement is for fourteen different cat codes, with the largest contributing factor for this seemingly excessive total being category code 451-xx, Open Storage. The unit of measure for BFR purposes is "square yard;" however, this data call request requirements in "square feet" thus contributing to large total figure. It is also noted that this is open storage lots, not real Class II facilities.**

23.b. Complete the following tables for **projected future requirements** in SF for each category code number (CCN) listed.

PROJECTED REQUIREMENTS

CCN	Type of Facility	Current Req	FY 95	FY 97	FY 99	FY 01
213-xx	Ships & Spares	86,001 SF	86,001 SF	86,001 SF	86,001 SF	86,001 SF
214-xx	Tank,Automotive	1,300,931 SF	1,300,931 SF	1,300,931 SF	1,300,931 SF	1,300,931 SF
215-xx	Small Arms Shop	54,557 SF	54,557 SF	54,557 SF	54,557 SF	54,557 SF
216-xx	Maintenance-Ammo,Explo,Tox	11,170 SF	11,170 SF	11,170 SF	11,170 SF	11,170 SF
217-xx	Elec & Comm Equipment	320,454 SF	320,454 SF	320,454 SF	320,454 SF	320,454 SF
218-xx	Misc Procured items & equipment	125,290 SF	125,290 SF	125,290 SF	125,290 SF	125,290 SF
219-xx	Installation Repair & Operation	165,064 SF	165,064 SF	165,064 SF	165,064 SF	165,064 SF
421-xx	Ammo Storage-Installation	135,766 SF	135,766 SF	135,766 SF	135,766 SF	135,766 SF
441-xx	General Supply Storage -Covered	2,744,744 SF	2,744,744 SF	2,744,744 SF	2,744,744 SF	2,744,744 SF
451-xx	General supply Storage Open	9,247,743 SF	9,247,743 SF	9,247,743 SF	9,247,743 SF	9,247,743 SF
xxx-xx	Other	17,838 SF	17,838 SF	17,838 SF	17,838 SF	17,838 SF
Total	xxxxxxxxxxxxxxxxxxxxxx	14,209,558 SF	14,209,558 SF	14,209,558 SF	14,209,558 SF	14,209,558 SF
411-xx	Liquid storage Bulk	12,254 BL	12,254 BL	12,254 BL	12,254 BL	12,254 BL

23.c. For each type of facility (CCN) listed in the proceeding table, answer the following questions on mobilization. Indicate "NA" if applicable.

(a) Is additional capacity required for mobilization?

Requirements unknown

(b) If so, how much (use appropriate unit of measure) and why?

Quantities dependent upon size and duration of mobilization effort.

Administrative Spaces

24. FMF Units:

In the following table, indicate (in SF) the space available, average age, and condition for each facility designated or used for administrative purposes.

Building type	NAVFAC (P-80) category code	Avg age	Installation space (SF)			
			Adequate	Substandard	Inadequate	Total
MEF/MEB/MEU Headquarters	610-xx	50	21,588	0	0	21,588
Division/Wing Headquarters	610-70	50	35,116	56,169	0	91,285
Regiment/Group Headquarters	610-71	45	120,568	61,716	27,298	209,582
Battalion*/Squadron Headquarters	610-72	43	486,495	243,019	10,256	739,770
TOTAL	NA	NA	663,767	360,904	37,554	1,062,225

*Include Company administrative spaces.

24.a. 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:

24.a.1. 610-xx

a. FACILITY TYPE/CODE: 610-xx
b. WHAT MAKES IT INADEQUATE? N/A
c. WHAT USE IS BEING MADE OF THE FACILITY? ADMIN
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? 0
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 THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

24.a.2. 610-70

a. FACILITY TYPE/CODE: II MEF, DIV, FSSG HQTRS/610-70
b. WHAT MAKES IT INADEQUATE? Avg age 49 years; functional/Space criteria; Electrical/Mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Admin Space
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? 0
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? NONE
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: $2,481,000
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?
N/A

24.a.3. 610-71

a. FACILITY TYPE/CODE: Regiment Headquarters or Equivalent/610-71
b. WHAT MAKES IT INADEQUATE? Avg age 45 years; functional/Space criteria; Electrical/Mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Admin space
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $1,091,920
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Academic Instruction
CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

24.a.4. 610-72

a. FACILITY TYPE/CODE: Battalion Headquarters or equivalent/610-72
b. WHAT MAKES IT INADEQUATE? Avg age 43 years; functional/Space criteria; Electrical/Mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Admin space
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $410,240
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Limited Academic Instruction
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

24.b. Complete the following table(in SF) for **future requirements** for each category code number (CCN) sted.

Type of Facility	User of facility	Current Capacity	FY 95 REQ	FY97 REQ	FY 99 REQ	FY 01 REQ
610-xx	MEF/MEB/MEU Headquarters	*	0	0	0	0
610-70	Division/Wing Headquarters	181,594	181,594	181,594	181,594	181,594
610-71	Regiment/Group Headquarters	63,906	63,906	63,906	63,906	63,906
610-72	Battalion/Squadron Headquarters	332,572	332,572	332,572	332,572	332,572
610-73	Company/Battery Headquarters	400,902	400,902	400,902	400,902	400,902
Total	xxxxxxxxxxxxxxxxxxx	978,974	978,974	978,974	978,974	978,974

* Requirement included in 610-70 and 610-71

24.c. For each type of facility (CCN) listed in the preceding table, answer the following question on mobilization. Indicate "NA" if applicable.

(a) Is additional capacity required for mobilization?

Requirements unknown

(b) If so, how much and why?

32.d. 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.

32.e. 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.

Related Ordnance Support

MCES

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance	NO	N/A	N/A
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	ISSUE, STORAGE, TURN IN INVENTORY	500
Technical Support	YES	ADMINISTRATIVE, SOP SUPPORT	1000

SOTG

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance	NO	N/A	N/A
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	ISSUE AND RECEIVING	390
Technical Support	YES	RECORDS; POCs; TRAVEL; ACCOUNTING; PROCESSING	650

NOTE: Outload and Tech Support are based on 260 days of the fiscal year. This cannot include, with any degree of accurage, SOTG external operations or JTF operations.

RIFLE RANGE DETACHMENT

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance	NO	N/A	N/A
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	ISSUES, STORAGE, TURN-IN, INVENTORY	510
Technical Support	YES	ADMINISTRATIVE, ACCOUNTABILITY	1,900

AMMUNITION SUPPLY POINT

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance (Product Packing, Cleaning, Minor Rework)	YES	ROCKETS MINES PYRO/DEMO GUN AMMO SMALL ARMS GRENADES/MORTARS PROJ	14976
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	ROCKETS MINES PYRO/DEMO GUN AMMO SMALL ARMS GRENADES/MORTARS PROJ	737568
Technical Support	YES	ROCKETS MINES PYRO/DEMO GUN AMMO SMALL ARMS GRENADES/MORTARS PROJ	7488

Base Units:

5. In the following table, indicate (in SF) the space available, average age, and condition for each facility designated or used for administrative purposes.

Building type	NAVFAC (P-80) category code	Avg age	Installation space (SF)			
			Adequate	Substandard	Inadequate	Total
Administrative office	610-10	42	358,355	96,015	21,156	475,526
Automated data processing installation	610-20	50	40,300	13,301	0	53,601
Legal services	610-40	46	20,349	0	6,416	26,765
Other (Specify)	610-**	0	0	0	0	0
TOTAL	NA	NA	419,004	109,316	27,572	555,892

25.a. 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 cilities are identified provide the following information:

25.a.1. 610-10

a. FACILITY TYPE/CODE: Administrative Office
b. WHAT MAKES IT INADEQUATE? Avg Age 42 years; functional/space criteria; Electrical/Mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Admin space
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $846,240
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

R

25.a.2. 610-40

a. FACILITY TYPE/CODE: Legal Services/610-40
b. WHAT MAKES IT INADEQUATE? Avg age 46 years; functional/space criteria
c. WHAT USE IS BEING MADE OF THE FACILITY? Courtroom Facility
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $256,640
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Admin Space
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

25.a.2. 610-20

a. FACILITY TYPE/CODE: Auto Data Proc Install/610-20
b. WHAT MAKES IT INADEQUATE? Avg age 50 years; functional/space criteria; electrical/mechanical system obsolete; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Data Processing
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? 0
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Warehouse
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

25.a.3. 610-40

a. FACILITY TYPE/CODE: Legal Services/610-40
b. WHAT MAKES IT INADEQUATE? Avg age 46 years; functional/space criteria
c. WHAT USE IS BEING MADE OF THE FACILITY? Courtroom Facility
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $256,640
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Admin Space
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

25.b. Complete the following table(**in SF**) for future requirements each category code number (CCN) listed.

CCN	**Type of Facility**	**Current Capacity**	**FY 95 REQ**	**FY 97 REQ**	**FY 99 REQ**	**FY 01 REQ**
610-10	Administrative office	318,223 SF	318,223 SF	318,223 SF	318,223 SF	318,223 SF
610-20	Automatic data processing installation	42,500 SF	42,500 SF	42,500 SF	42,500 SF	42,500 SF
610-40	Legal Services	19,075 SF	19,075 SF	19,075 SF	19,075 SF	19,075 SF
610-**	Other (Specify)	0	0	0	0	0
TOTAL		379,798	379,798	379,798	379,798	379,798

25.c. For each type of facility (CCN) listed in the preceding table, answer the following question on mobilization. Indicate "NA" if applicable.

(a) Is additional capacity required for mobilization?

Requirements unknown.

(b) If so, how much and why?

R

BEQ & BOQs

26. Provide data on the BEQs and BOQs assigned to your **current** plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E5, E6-E9, and Officers.

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ								
BB260 72111	294	98	288	42,012	0	0	0	0
BB265 72111	294	98	294	42,012	0	0	0	0
BB270 72111	294	98	288	42,012	0	0	0	0
BB270 72111	294	98	288	42,012	0	0	0	0
BB250 72111	327	89	327	43,437	0	0	0	0
BB255 72111	327	89	327	43,437	0	0	0	0
G526 72111	192	96	192	36,720	0	0	0	0
M430 72111	288	96	288	42,042	0	0	0	0
M435 72111	288	96	288	42,042	0	0	0	0
M440 72111	288	96	288	42,042	0	0	0	0
M445 72111	288	96	288	42,042	0	0	0	0
M450 72111	288	96	288	42,042	0	0	0	0

BEQ & BOQs

26. Provide data on the BEQs and BOQs assigned to your **current** plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E5, E6-E9, and Officers.

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ	0	0	0	0	0	0	0	0
BB260 72111	294	98	288	42,012	0	0	0	0
BB265 72111	294	98	294	42,012	0	0	0	0
BB270 72111	294	98	288	42,012	0	0	0	0
BB270 72111	294	98	288	42,012	0	0	0	0
BB250 72111	327	89	327	43,437	0	0	0	0
BB255 72111	327	89	327	43,437	0	0	0	0
G526 72111	192	96	192	36,720	0	0	0	0
M430 72111	288	96	288	42,042	0	0	0	0
M435 72111	288	96	288	42,042	0	0	0	0
M440 72111	288	96	288	42,042	0	0	0	0
M445 72111	288	96	288	42,042	0	0	0	0
M450 72111	288	96	288	42,042	0	0	0	0

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
M622 72111	20	20	20	8,592	0	0	0	0
HP105 72111	288	96	288	41,059	0	0	0	0
HP115 72111	288	96	288	40,968	0	0	0	0
HP125 72111	288	96	288	43,220	0	0	0	0
HP135 72111	288	96	288	43,220	0	0	0	0
HP145 72111	288	96	288	43,220	0	0	0	0
HP155 '2111	288	96	288	43,220	0	0	0	0
HP165 72111	288	96	288	43,220	0	0	0	0
HP175 72111	288	96	288	43,220	0	0	0	0
HP185 72111	288	96	288	43,220	0	0	0	0
HP195 72111	288	96	288	43,220	0	0	0	0
HP215 72111	288	96	288	43,220	0	0	0	0
HP225 72111	288	96	288	45,615	0	0	0	0
HP235 72111	288	96	288	45,615	0	0	0	0

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
HP245 72111	288	96	288	45,615	0	0	0	0
HP255 72111	288	96	288	47,709	0	0	0	0
HP265 72111	288	96	288	47,709	0	0	0	0
HP275 72111	288	96	288	47,709	0	0	0	0
HP285 72111	288	96	288	47,709	0	0	0	0
HP295 72111	288	96	288	47,709	0	0	0	0
HP301 '2111	264	88	264	40,791	0	0	0	0
HP306 72111	240	80	240	43,920	0	0	0	0
HP307 72111	240	80	240	43,920	0	0	0	0
HP308 72111	240	80	240	43,920	0	0	0	0
HP405 72111	288	96	288	45,615	0	0	0	0
HP415 72111	288	96	288	45,615	0	0	0	0
HP425 72111	288	96	288	45,615	0	0	0	0
HP435 72111	288	96	288	45,615	0	0	0	0

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
HP445 72111	240	120	240	43,287	0	0	0	0
HP455 72111	288	144	288	50,478	0	0	0	0
HP465 72111	288	144	288	50,478	0	0	0	0
HP475 72111	240	120	240	43,287	0	0	0	0
HP485 72111	240	120	240	43,287	0	0	0	0
HP503 27111	240	120	240	43,287	0	0	0	0
HP504 7111	288	144	288	50,337	0	0	0	0
HP505 27111	240	120	240	43,287	0	0	0	0
HP507 27111	240	120	240	42,090	0	0	0	0
HP508 27111	240	120	240	42,090	0	0	0	0
HP509 27111	240	120	240	42,090	0	0	0	0
HP51 72111	237	79	237	33,758	0	0	0	0
HP510 72111	240	120	240	42,090	0	0	0	0
HP512 72111	288	144	288	51,264	0	0	0	0

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
HP513 72111	288	144	288	51,264	0	0	0	0
HP514 72111	240	120	288	43,920	0	0	0	0
HP55 72111	273	91	273	38,100	0	0	0	0
HP550 72111	294	98	294	39,334	0	0	0	0
HP56 72111	264	88	264	39,334	0	0	0	0
1042 72111	216	72	216	34,002	0	0	0	0
1340 '2111	272	91	273	37,880	0	0	0	0
FC411 72111	240	80	240	36,435	0	0	0	0
FC412 72111	240	80	240	36,435	0	0	0	0
FC415 72111	240	80	240	36,868	0	0	0	0
FC416 72111	240	80	240	35,301	0	0	0	0
FC515 72111	258	86	258	34,896	0	0	0	0
FC520 72111	258	86	258	34,714	0	0	0	0
FC525 72111	258	86	258	34,714	0	0	0	0

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
FC530 72111	258	86	258	34,714	0	0	0	0
FC550 72111	258	86	258	34,896	0	0	0	0
FC555 72111	258	86	258	39,270	0	0	0	0
FC560 72111	258	86	258	39,270	0	0	0	0
FC565 72111	258	86	258	34,896	0	0	0	0
FC571 72111	258	86	258	38,189	0	0	0	0
FC360 '2111	294	98	294	42,678	0	0	0	0
FC413 72111	240	80	240	37,440	0	0	0	0
FC414 72111	240	80	240	37,440	0	0	0	0
FC573 72111	258	86	258	38,189	0	0	0	0
FC574 72111	258	86	258	38,189	0	0	0	0
G522 72112	60	60	60	15,966	0	0	0	0
HP53 72113	79	79	79	33,757	0	0	0	0
HP57 72113	79	79	79	33,757	0	0	0	0

R

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
HP495 72113	60	60	60	43,287	0	0	0	0
1140 72113	91	91	91	37,880	0	0	0	0
G522 72113	60	60	60	15,966	0	0	0	0
BOQ								
2602 72411	16	16	16	14,237	0	0	0	0
2603 72411	20	20	20	22,392	0	0	0	0
2604 72411	16	16	16	14,237	0	0	0	0
2605 72411	20	20	20	14,237	0	0	0	0
2607 72411	16	16	16	14,237	0	0	0	0
2609 72411	16	16	16	14,237	0	0	0	0
2611 72411	16	16	16	14,237	0	0	0	0
2613 72411	16	16	16	14,237	0	0	0	0
H14 72411	37	37	37	10,682	0	0	0	0
2601 72412	4	3	4	3,534	0	0	0	0

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
HP495 72113	60	60	60	43,287	0	0	0	0
1140 72113	91	91	91	37,880	0	0	0	0
G522 72113	60	60	60	15,966	0	0	0	0
BOQ					0	0	0	0
2602 72411	1	1	1	14,237	0	0	0	0
2603 72411	9	9	9	22,392	0	0	0	0
2604 72411	1	1	1	14,237	0	0	0	0
2605 72411	9	9	9	14,237	0	0	0	0
2607 72411	1	1	1	14,237	0	0	0	0
2609 72411	1	1	1	14,237	0	0	0	0
2611 72411	1	1	1	14,237	0	0	0	0
2613 72411	1	1	1	14,237	0	0	0	0
H14 72411	37	37	37	10,682	0	0	0	0
2601 72412	4	3	4	3,534	0	0	0	0

R

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
2602 72412	15	15	15	14,237	0	0	0	0
2603 72412	11	11	11	22,392	0	0	0	0
2604 72412	15	15	15	14,237	0	0	0	0
2605 72412	11	11	11	14,237	0	0	0	0
2607 72412	15	15	15	14,237	0	0	0	0
2609 72412	15	15	15	14,237	0	0	0	0
2611 72412	15	15	15	14,237	0	0	0	0
2613 72412	15	15	15	14,237	0	0	0	0
2617 72412	22	22	22	22,486	0	0	0	0
H14 72412	2	2	2	7,485	0	0	0	0
BB45 72412	49	49	49	17,038	0	0	0	0
BEQ								
BA102 72111	166	SQD BAY	0	0	0	0	166	6,186
BA104 72111	166	SQD BAY	0	0	0	0	166	13,740

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
2602 72412	15	15	15	14,237	0	0	0	0
2603 72412	11	11	11	22,392	0	0	0	0
2604 72412	15	15	15	14,237	0	0	0	0
2605 72412	11	11	11	14,237	0	0	0	0
2607 72412	15	15	15	14,237	0	0	0	0
2609 72412	15	15	15	14,237	0	0	0	0
2611 '2412	15	15	15	14,237	0	0	0	0
2613 72412	15	15	15	14,237	0	0	0	0
2617 72412	22	22	22	22,486	0	0	0	0
H14 72412	2	2	2	7,485	0	0	0	0
BB45 72412	49	49	49	17,038	0	0	0	0
BEQ								
BA102 72111	166	SQD BAY	0	0	0	0	166	6,186
BA104 72111	166	SQD BAY					166	13,740

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BA105 72111	166	SQD BAY	0	0	0	0	166	9,975
M514 72111	40	OPEN	0	0	0	0	40	8,568
M516 72111	80	OPEN	0	0	0	0	80	8,592
M518 72111	80	OPEN	0	0	0	0	80	8,592
M521 72111	40	OPEN	0	0	0	0	40	2,991
M507 72111	80	OPEN	0	0	0	0	80	8,592
M509 '2111	80	OPEN	0	0	0	0	80	8,592
M504 72111	80	OPEN	0	0	0	0	80	8,592
M416 72111	80	OPEN	0	0	0	0	80	8,592
M604 72111	80	OPEN	0	0	0	0	80	8,592
M614 72111	80	OPEN	0	0	0	0	80	8,592
M616 72111	80	OPEN	0	0	0	0	80	8,592
M511 72111	40	OPEN	0	0	0	0	40	4,449
M309 72111	80	OPEN	0	0	0	0	80	8,592

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
M316 72111	80	OPEN	0	00	0	0	80	8,592
M318 72111	40	OPEN	0	0	0	0	40	4,449
M621 72111	40	OPEN	0	0	0	0	40	4,410
G541 72111	180	OPEN	0	0	0	0	180	15,966
G542 72111	180	OPEN	0	0	0	0	180	15,966
G543 72111	180	OPEN	0	0	0	0	180	15,966
G544 '2111	180	OPEN	0	0	0	0	180	15,966
G551 72111	180	OPEN	0	0	0	0	180	15,966
G552 72111	180	OPEN	0	0	0	0	180	15,966
G553 72111	180	OPEN	0	0	0	0	180	15,966
G554 72111	180	OPEN	0	0	0	0	180	15,966
TC1038 72111	60	OPEN	0	0	0	0	60	4,321
TC1039 72111	60	OPEN	0	0	0	0	60	4,321
TC1046 72111	60	OPEN	0	0	0	0	60	4,321

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
TC1047 72111	60	OPEN	0	0	0	0	60	4,321
TC1048 72111	60	OPEN	0	0	0	0	60	4,321
TC1049 72111	60	OPEN	0	0	0	0	60	4,321
TC1055 72111	60	OPEN	0	0	0	0	60	4,321
TC1056 72111	60	OPEN	0	0	0	0	60	4,321
TC1057 72111	60	OPEN	0	0	0	0	60	4,321
TC1059 '2111	60	OPEN	0	0	0	0	60	4,321
TC1060 72111	60	OPEN	0	0	0	0	60	4,321
TC1061 72111	60	OPEN	0	0	0	0	60	4,321
TC1062 72111	60	OPEN	0	0	0	0	60	4,321
TC1063 72111	60	OPEN	0	0	0	0	60	4,321
TC1131 72111	60	OPEN	0	0	0	0	60	4,321
TC1132 72111	60	OPEN	0	0	0	0	60	4,321
TC707 72111	60	OPEN	0	0	0	0	60	4,321

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
TC708 72111	60	OPEN	0	0	0	0	60	4,321
TC709 72111	60	OPEN	0	0	0	0	60	4,321
TC729 72111	60	OPEN	0	0	0	0	60	4,321
TC736 72111	60	OPEN	0	0	0	0	60	4,321
TC737 72111	60	OPEN	0	0	0	0	60	4,321
TC738 72111	60	OPEN	0	0	0	0	60	4,321
TC749 '2111	60	OPEN	0	0	0	0	60	4,321
TC750 72111	60	OPEN	0	0	0	0	60	4,321
TC751 72111	60	OPEN	0	0	0	0	60	4,321
TC751 72111	60	OPEN	0	0	0	0	60	4,321
TC804 72111	60	OPEN	0	0	0	0	60	4,321
TC805 72111	60	OPEN	0	0	0	0	60	4,321
TC806 72111	60	OPEN	0	0	0	0	60	4,321
TC807 72111	60	OPEN	0	0	0	0	60	4,321

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
TC808 72111	60	OPEN	0	0	0	0	60	4,321
TC809 72111	60	OPEN	0	0	0	0	60	4,321
TC828 72111	60	OPEN	0	0	0	0	60	4,321
TC829 72111	60	OPEN	0	0	0	0	60	4,321
TC836 72111	60	OPEN	0	0	0	0	60	4,321
TC837 72111	60	OPEN	0	0	0	0	60	4,321
TC838 '2111	60	OPEN	0	0	0	0	60	4,321
TC839 72111	60	OPEN	0	0	0	0	60	4,321
TC1006 72111	60	OPEN	0	0	0	0	60	4,321
TC1007 72111	60	OPEN	0	0	0	0	60	4,321
TC1008 72111	60	OPEN	0	0	0	0	60	4,321
TC1017 72111	60	OPEN	0	0	0	0	60	4,321

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
TC1018 72111	60	OPEN	0	0	0	0	60	4,321
TC1027 72111	60	OPEN	0	0	0	0	60	4,321
TC1036 72111	60	OPEN	0	0	0	0	60	4,321
TC1037 72111	60	OPEN	0	0	0	0	60	4,321

.6. a. 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?

Facility Type, Bldg. # & CCN	Total # of Beds	Total # of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
RR-1 72111	82	82					82	13,301
RR-9 72111	42	42					42	14,238

a. FACILITY TYPE/CODE: BEQ/72111

b. WHAT MAKES IT INADEQUATE? Central heads; open squad bays.

c. WHAT USE IS BEING MADE OF THE FACILITY? Permanent/transient enlisted personnel.

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? $27,579,585.00

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? administrative space; $27,579,585.00

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No

26.b. Provide data on the BOQs and BEQs **projected** to be assigned to your plant account in **FY 1997.** The .esired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1- E5, E6-E9, and Officers.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
SAA PLUS								
72111	288	96	288	42,012				
72111	288	96	288	42,012				
72111	288	96	288	42,012				

26.c. 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:
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?

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26.d. List projected BEQ & BOQ **requirements** for the FYs as indicated below.

Type of facility & CCN*	FY 94 REQ	FY 95 REQ	FY97 REQ	FY 99 REQ	FY 01 REQ
BEQ	Beds/SF	Beds/SF	Beds/SF	Beds/SF	Beds/Sf
72111 (E-1 thru E-5)	16885/**	17012/**	18164/**	18164/**	18164/**
72113 (E-6 thru E-9)	380/***	380/***	380/***	380/***	380/***
72411 (WO thru 1stLt)	78/****	78/****	78/****	78/****	78/****
72412 (All other officers)	77/*****	77/*****	77/*****	77/*****	77/*****

*Use CCN to differentiate between E1-E5, E6-E9 and Officers.

** rates 90 sq ft per person
*** rates 180 sq ft per person
**** rates 330 sq ft per person
***** rates 460 sq ft per person

26.e. For both BEQ and BOQ answer the following questions on mobilization.

1. Are additional quarters required for mobilization?

   No

2. If so, how much and why?

R

Data Call 24

Question 26.d.

	FY01 Req:
72111	18164
72113	380
72411	78
72412	77

Questions 1. and 2. Method of determination and calculations for 72111.
72111:

	15,187	E1-E4 actually housed as of 30 June 94 form 2085
	826	E5
	288	These four buildings scheduled to be built at
	288	Camp Johnson FY97
	288	
	288	
	32	These four buildings to be revonated
	33	at Camp Geiger FY95
	31	
+	31	
	17,292	Subtotal
	616	Housed in Inadequate/Emergency Troop Housing
+	256	Housed in Inadequate/Emergency Troop Housing
	18,164	Total Number Reported for FY01

Question 3: This number reflects the number of personnel actually housed now (30 June 94), plus bed spaces to be built at Camp Johnson and others to be made adequate at Camp Geiger, plus personnel (E1-E5) currently occupying inadequate/emergency troop housing.

Questions 1. and 2. Method of determination and calculations for 72113.

72113: 380. Actual number of SNCO's housed as of 30 June 94 form 2085.

Question 3. This number reflects number of personnel actually housed now.

6.d. List projected BEQ & BOQ **requirements** for the FYs as indicated below.

Type of facility & CCN*	FY 94 REQ	FY 95 REQ	FY97 REQ	FY 99 REQ	FY 01 REQ
BEQ	Beds/SF	Beds/SF	Beds/SF	Beds/SF	Beds/Sf
72111	-0-	32	288	-0-	-0-
72111		33	288	-0-	-0-
72111		31	288	-0-	-0-
72111		31	288	-0-	-0-

***Use CCN to differentiate between E1-E5, E6-E9 and Officers.**

26.e. For both BEQ and BOQ answer the following questions on mobilization.

1. Are additional quarters required for mobilization?

   No

2. If so, how much and why?

D. Family Housing

.7. For military married family housing assigned to your plant account provide the following information:

TYPE OF QTRS	NO OF BEDROOMS	TOTAL NUMBE R OF UNITS	NUMBER ADEQUATE	NUMBER SUB-STANDARD	NUMBER IN-ADEQUATE
OFFICER	4+	59	59		
OFFICER	3	590	590		
OFFICER	1 OR 2	8	8		
ENLISTED	4+	502	502		
ENLISTED	3	1471	1471		
ENLISTED	1 OR 2	1823	1823		
MOBILE HOMES					
MOBILE HOME LOTS		187			

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

NONE

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

R

NOTE:

FAMILY HOUSING

		ASSETS	WAITING LIST	REQUIREMENT
ENLISTED -	2 BR	1823	1362	5317
	3 BR	1471	642	3551
	4 BR	502	158	1184
OFFICERS -	2 BR	8	0	8
	3 BR	590	381	1657
	4 BR	59	33	118
TOTAL		4453	2576	11,835

27.b. Assume that all planned MILCON in PB (President's budget submission) through FY 1997 is completed as scheduled, what additional capacity would be realized? Provide cost and detail all additional capabilities and calculations.

N/A

27.c. What additional projects could be added to provide married family housing? At what estimated cost? Provide details and assumptions for all calculations.

N/A

27.d. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., clear zone restrictions, environmental restrictions, land areas, etc.).

N/A

27.e. For personnel assigned to your base and tenant activities who live in government quarters other than yours, indicate the plant account holder UIC for their quarters.

N/A

27.f. List projected family housing **requirements** for the FYs as indicated below.

TYPE OF HOUSING	NO. OF BDRMS	FY 94 REQ	FY 95 REQ	FY 97 REQ	FY 99 REQ	FY 01 REQ
PRE- 1950 ADQ	2	2703	2703	2703	2122	2122
	3	1628	1628	1628	1278	1278
	4	12	12	12	9	9
ALL OTHER ADQ	1	271	271	271	212	212
	2	4107	4107	4107	3224	3224
	3	6342	6342	6342	4978	4978
	4	2158	2158	2158	1694	1694
TOTAL		17221	17221	17221	13517	13517

FOOTNOTE: SUITABLE COMMUNITY HOUSING IS AVAILABLE TO SUPPORT REQUIREMENTS.

R

E. Messing Facilities:

28. Provide data on the **messing facilities** assigned to your **current** plant account.

Facility Type CCN and Bldg#		Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
			Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
722-10	9	22369	440	22369					760
722-10	1209	23635	306	23635					Note (1)
722-10	122	23073	440	23073					669
722-10	211	23861	440	23861					953
722-10	325	23861	440	23861					Note (1)
722-10	411	23861	440	23861					732
722-10	521	23861	425	23861					768
722-10	G640	41334	940	41334					Note (2) 909
722-10	M452	30321	524	30321					1037
722-10	AS4012	17875	290	17875					446
722-10	BA103	10296	140	10296					104
722-10	BB7	23073	440	23073					776
722-10	FC303	17278	256	17278					446
722-10	FC420	16921	324	16921					423
722-10	FC540	15176	258	15176					549
722-10	MH6	1197	40	1197					Note (3) 125
722-10	RR3	23073	440	23073					416
722-10	1041	8745	130	8745					205

Note (1): Messhall closed - used for contingency.
Note (2): Messhall G-640 serves 30% more meals at breakfast and dinner. (In all other messhalls more meals are served during lunch.)
Note (3): Morehead City messhall serves troops at port of embarkation.

E. Messing Facilities:

28. Provide data on the **messing facilities** assigned to your **current** plant account.

Facility Type CCN and Bldg#		Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
			Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
722-10	9	22369	1000	22369	0	0	0	0	796
722-10	122	23073	1698	23073	0	0	0	0	944
722-10	211	23861	1698	23861	0	0	0	0	1232
722-10	411	23861	1000	23861	0	0	0	0	950
722-10	521	23861	1200	23861	0	0	0	0	733
722-10	G640	41334	0	0	0	0	3632	41334	1629
722-10	M455	30321	530	30321	0	0	0	0	1788
722-10	AS4012	17875	800	17875	0	0	0	0	640
722-10	BA103	10296	0	0	0	0	710	10296	123

R

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

N/A

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

28.b. Provide data on the **messing facilities** projected to be assigned to your plant account in **FY 1997.**

MILCON project schedule for FY98 - Renovation of MH-FC540. Projected construction for three 3600 person messhalls in FY 02.

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

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

N/A

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

722-10	BB7	23073	2000	23073	0	0	0	0	1,009
722-10	FC303	17278	1629	17278	0	0	0	0	639
722-10	FC420	16921	1500	16921	0	0	0	0	542
722-10	FC540	15176	1500	15176	0	0	0	0	662
722-10	*MH7	1197	130	1197	0	0	0	0	Varies*
722-10	RR3	23073	440	23,073	0	0	0	0	581
		313,569	15,125	261,939	0	0	0	0	0

* Morehead City Messhall serves troops at port of embarkation.

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28.d. List your projected **requirements** for messing **(in SF and seats)** for the FYs as indicates below.

Facility Type	Current Capacity	FY 95	FY 97	FY 98	FY 99	FY 01
CCN	SF/ Seats	SF/ Seats	SF/ Seats	SF/ Seats	SF/ Seats	SF/ Seats
722-10 9	22369/440	22369/440	22369/440	22369/440	22369/440	22369/440
722-10 1209	23635/306	23635/306	23635/306	23635/306	23635/306	23635/306
722-10 122	23073/440	23073/440	23073/440	23073/440	23073/440	23073/440
722-10 211	23861/440	23861/440	23861/440	23861/440	23861/440	23861/440
722-10 325	23861/440	23861/440	23861/440	23861/440	23861/440	23861/440
722-10 411	23861/440	23861/440	23861/440	23861/440	23861/440	23861/440
722-10 521	23861/425	23861/425	23861/425	23861/425	23861/425	23861/425
722-10 G640	41334/940	41334/940	41334/940	41334/940	41334/940	41334/940
722-10 M452	30321/524	30321/524	30321/524	30321/524	30321/524	30321/524
722-10 AS4012	17875/290	17875/290	17875/290	17875/290	17875/290	17875/290
722-10 BA-103	10296/140	10296/140	10296/140	10296/140	10296/140	10296/140
722-10 BB-7	23073/440	23073/440	23073/440	23073/440	23073/440	23073/440
722-10 FC303	17278/256	17278/256	17278/256	17278/256	17278/256	17278/256
722-10 FC420	16921/324	16921/324	16921/324	16921/324	16921/324	16921/324
722-10 FC540	23296/258	23296/258	23296/258	31616/432	31616/432	31616/432
722-10 MH6	1197/40	1197/40	1197/40	1197/40	1197/40	1197/40
722-10 RR3	23073/440	23073/440	23073/440	23073/440	23073/440	23073/440
722-10 1041	8745/130	8745/130	8745/130	8745/130	8745/130	8745/130

28.a. 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: MESSING
b. WHAT MAKES IT INADEQUATE? Avg age 45 yrs; functional/space criteria; structural deterioration
c. WHAT USE IS BEING MADE OF THE FACILITY? Messhall
d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? Limited Storage
e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? $5,460,000
f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: 0
g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? N/A

28.b. Provide data on the **messing facilities** projected to be assigned to your plant account in **FY 1997.**
NONE

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

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28.e. For Messing Facilities answer the following Questions on mobilization.

A. Is additional capacity required for mobilization?

No. Camp Lejeune messhalls are currently operating at approximately 60% of capacity during established meal hours. Thus, up to 40% of the messhall capacity aboard Camp Lejeune is available for mobilization contingencies at most any given period. In addition, lengthening messhall feeding hours and/or modifying existing menus could significantly increase the overall feeding capacity during mobilization.

B. If so how much (use appropriate measures) and why?

N/A.

Comment: Several messhalls at Camp Lejeune are situated at distinct areas within Camp Lejeune. These messhalls are geographically separated by bridges, highways and distance, thus making them unfeasible and unsuitable for consolidation. Also, the majority of Marines and Sailors who patronage a certain messhall reside in Bachelor Enlisted Quarters or barracks; conveniently close and easily accessible to the messhall.

28.c. 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?

28.d. List your projected **requirements** for messing **(in SF and seats)** for the FYs as indicates below.

Facility Type	**Current Capacity**	**FY 95**	**FY97**	**FY 99**	**FY 99**	**FY 01**
CCN	SF/Seats	SF/Seats	SF/Seats	SF/Seats	SF/Seats	SF/Seats
722-10	261,939SF 5,125 SEATS	313,569 SF 19,467 SEATS	313,569 SF 19,467 SEATS	313,569 SF 19,467 SEATS	313,569 SF 19,467 SEATS	313,567 SF 19,467 SEATS

28.e. For Messing Facilities answer the following Questions on mobilization.
A. Is additional capacity required for mobilization?

B. If so how much (use appropriate measures) and why?

BASE INFRASTRUCTURE
REAL ESTATE

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

Real Estate Resources

Site Location: MCB CAMP LEJEUNE

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	287	287	0	0
Operational	44,749	2,907	41,842	0
Training	72,429	7,166	65,263	0
R & D	0	0	0	0
Supply & Storage	590	590	0	0
Admin	186	186	0	0
Housing	2,071	2,071	0	0
Recreational	1,116	1,116	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other *	6,000	0	0	6,000
Total:	127,428	14,323	107,105	6,000

* Consist of buffer areas separating different land use areas.

29. Continued

Reason for restriction:

Wetlands	65,000 acres
Endangered species/cultural resources	5,900 acres
Manmade Constraints	13,204 acres
ESQD, Range Surface Danger Zones	23,001 acres
TOTAL	107,105 acres

30. Provide the following information on **base infrastructure** capacity and load.

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	88,875	22,500	21,500	75,500
Natural Gas (CFH)				
Sewage (GPD)	13,170,000	-	7,536,000	10,740,000
Potable Water (GPD)	14,550,000	168,950	6,691,000	8,883,000
Steam (PSI & lbm/Hr)	100-150 PSI 645,280	-	203,380	388,690
Long Term Parking	3,358,524 SY*	N/A	N/A	N/A
Short Term Parking	3,358,524 SY*	N/A	N/A	N/A

*Indicates total parking area available. Not designated in terms of long-term or short-term.

30.a. Does the current base infrastructure (i.e., utilities, parking), combined with any upgrades/expansions budgeted through FY97 provide additional capacity? Explain what additional capacity would be gained.

Base infrastructure for water, sewage, steam and electric utilities meet current needs and additional capacities are available for planned modernization and construction. Utility demand and capacities vary in the developed areas of the Base, and assessment of utilities available must be site specific. A major system upgrade of wastewater treatment facilities is scheduled to begin in FY94 to meet more stringent state requirements. Treatment capacity will increase by 1,830,000 gallons per day when project is completed in late 1998. A boiler replacement project is scheduled for FY95 that will increase steam generating capacity by 80,000 pounds per hour when completed in late 1998.

30.b. How will future requirements (both environmental and base loading) on existing facilities (ie. sewage, water treatment plants etc.) impact the base infrastructure capacity in FY 95-01. Explain. Include an estimate of the adjusted future capacity.

N/A

B. Financial Maintenance, Repair Data

31. Provide the **financial maintenance, repair, and infrastructure data** indicated in the following table for FYs 1985 - 1997. Do not include data on Detachments who have received this Data Call directly.

Fiscal Year	MRP ($) [1]	CPV ($) [2]	ACE ($) [3]
FY1985	27,779,996	2,149,893,085	69,321,126
FY1986	27,779,996	2,190,749,006	86,664,433
FY1987	33,898,130	2,261,512,818	93,700,187
FY1988	29,841,719	2,381,467,247	101,364,131
FY1989	56,499,143	2,431,826,059	110,290,339
FY1990	37,899,000	2,604,925,788	111,599,683
FY1991	43,371,935	2,654,001,047	122,275,568
FY1992	46,617,944	2,650,755,921	123,696,553
FY1993	31,421,308	2,819,703,874	106,963,867
FY1994	32,298,406	2,854,816,014	108,904,985 through May 94
FY1995**	32,298,306	2,854,816,014	
FY1996**	32,298,306	2,854,816,014	
FY1997**	32,298,306	2,854,816,014	

** Note: This does not include any inflationary factor

[1]**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.

[2] **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.

[3]**ACE**: Acquisition Cost of Equipment is the total acquisition cost of all "personal Property" equipment 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.

Ordnance

32. Does your activity perform any stowage or maintenance on any of the following ordnance commodities types: Y/N **YES**

ORDNANCE COMMODITY TYPES

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

Ordnance Stowage and Support

32.a. 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).

Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
SBB-155	.25	64	.25	64	10	81
SBB-157	0	9	0	9	2	9
SBB-158	.5	36	.5	36	5	84
SBB-159	1	66	1	66	10	121
SRR-21	3.2	124	3.2	124	6	308
SRR-18	7.5	115	8.5	262	8.5	286
SRR-23	26.52	400	35	466	35	1,428
SRR-25	5	80	8.5	262	8.5	308
SFD-1	.1235	62	3.0875	1,547	7.5	208
SFD-2	.0305	24	.7625	609	2.5	208
SFD-3	.0685	19	.7535	205	.5	208

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
SFD-4	.1745	17	1.9195	189	.5	208
SFD-5	0	0	0	0	.5	208
SFD-6	0	0	0	0	.5	208
SFD-7	.0695	41	1.7375	1,022	2.5	208
SFD-8	.0125	60	0.1	1,498	2.5	208
SFD-9	.0065	98	.1625	2,440	7.5	208
SFD-10	.0065	29	.1625	728	1.5	208
SFD-11	0	0	0	0	.5	208
SFD-12	.004	57	.01	1,435	1.5	208
SFD-13	.0715	34	1.7875	840	.5	208
SFD-14	.1375	67	3.4375	1,687	7.5	208
SFA-1	.53	272	6.36	3,264	62.5	1,148
SFS-2	7.735	374	50.3035	2,431	45.0	1,148
SFA-3	10.8585	533	70.5805	3,465	20.0	1,148
SFA-4	49	662	343	4,634	62.5	1,148
SFA-5	0	0	0	662	35.0	1,148
SFA-6	14.2815	749	92.83	3,718	50.0	1,148
SFA-7	24.457	572	171.199	791	87.5	1,148
SFA-8	8.045	113	56.315	2,513	45.0	1,148
SHE-1	9.1625	1,132	30.878	7,486	45.0	3,321
SHE-2	6.187	800	46.164	6,084	50.0	2,214
SHE-3	22.655	1,353	67.965	4,059	62.5	3,321
SHE-4	12.5215	540	87.6505	3,780	120.0	3,321
SHE-5	19.1635	826	124.563	5,369	90.0	3,198
SHE-6	12.2315	797	53.097	5,165	60.0	3,321
SHE-7	11.697	705	80.5	5,370	150.0	3,321
SHE-8	12.818	1,258	83.314	8,178	50.0	3,321
SHE-9	13.68	770	95.91	5,390	50.0	3,321
SHE-10	21.616	1,133	50.616	7,365	60.0	3,321

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
SHE-11	3.69	464	23.985	3,017	150.0	3,321
SHE-12	0	0	0	0	25.0	2,000
SHE-13	0	0	0	0	5.0	2,000
SSA-1	058	182	6.40	2,006	62.5	1,683
SSA-2	4.6	909	55.5	10,907	62.5	1,683
SSA-3	.78	141	3.9	703	50.0	1,683
SSA-4	20.5	275	61.6	826	13.0	1,683
SSA-5	16.9	169	50.5	508	43.0	1,683
SSA-6	24.8	295	74.3	885	43.0	1,683
SSA-7	.46	116	3.2	812	50.0	1,066
SSA-8	28.3	1,384	141.3	6,920	50.0	4,000
SSA-9	13.8	1,752	68.7	8,760	50.0	4,000
TOTAL	415.724	19,678.00	2,071.591	128,557	1884.0	73,186.00

32b. For each Stowage facility identified in question 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.

Total Facility Ordnance Stowage Summary

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
SBB-155 Igloo	SMALL ARMS	QUALIFYING ENGINEERS & TRAINING	SMALL ARMS/ROCKET MOTOR
SBB-157 Above Ground Portable Mag	EMPTY		BLASTING CAPS
SBB-158 Igloo	PYRO	TRAINING	PYRO/SMOKE
SBB-159 Igloo	MINES	TRAINING	DEMO
SRR-21 Above Ground	SMALL ARMS UP TO .50 CAL/SMOKE GRENADES & POP-UPS	SUPPORT II MEF SOTG OPERATIONS AND JTF OPERATIONS	1.4 - 1.3 SMALL ARMS UP TO .50 CAL AND CLASS "B" EXPLOSIVE SMOKE; POP-UPS
SRR-18 Above Ground	SMALL ARMS	TRAINING/RSSI	SMALL ARMS
SRR-23 Above Ground	SMALL ARMS	TRAINING/RSSI	SMALL ARMS
SRR-25 Above Ground	SMALL ARMS	TRAINING/RSSI	SMALL ARMS
SFD-1 Earth Covered Barricaded (ECB)	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-2 ECB	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-3 ECB	SPECIAL PURPOSE	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-4 ECB	SPECIAL PURPOSE	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-5 Above Ground	SPECIAL PURPOSE	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4

SFD-6 Above Ground	SPECIAL PURPOSE	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-7 ECB	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-8 ECB	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-9 ECB	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-10 ECB	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-11 ECB	SPECIAL PURPOSE	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-12 ECB	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-13 ECB	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFD-14 ECB	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFA-1 Igloo	ROCKETS	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFA-2 Igloo	GRENADES MORTARS/PROJ	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFA-3 Igloo	GRENADES MORTARS/PROJ	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFA-4 Igloo	GRENADES MORTARS/PROJ PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFA-5 Igloo	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFA-6 Igloo	GRENADES MORTARS/PROJ	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFA-7 Igloo	GRENADES MORTARS/PROJ PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SFA-8 Igloo	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-1 Earth Covered Triple Arch (ECTA)	ROCKETS	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-2 ECTA	ROCKETS PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4

SHE-3 ECTA	GUN AMMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-4 ECTA	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-5 ECTA	GRENADES MORTARS/PROJ	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-6 ECTA	MINES/GRENADES MORTARS/PROJ	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-7 ECTA	GRENADES MORTARS/PROJ GUN AMMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-8 ECTA	GRENADES MORTARS/PROJ	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-9 ECTA	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-10 ECTA	GRENADES MORTARS/PROJ GUN AMMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-11 ECTA	GRENADES MORTARS/PROJ	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-12 ECB	SPECIAL PURPOSE	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SHE-13 ECB	SPECIAL PURPOSE	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SSA-1 Above Ground	SPECIAL PURPOSE	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SSA-2 Above Ground	ROCKETS	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SSA-3 Above Ground	SMALL ARMS	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SSA-4 Above Ground	GUN AMMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SSA-5 Above Ground	GUN AMMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SSA-6 Above Ground	GUN AMMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4

SSA-7 Above Ground	PYRO/DEMO	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SSA-8 Non Std Whse	SMALL ARMS	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4
SSA-9 Non Std Whse	SMALL ARMS	RSSI	1.1-1.2 (04)(08) (12)(18) 1.3-1.4

Additional comments:

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

Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
SBB-155 Igloo	1.3	1,000	YES	NO	N/A
SBB-157 Above Ground Portable Mag	1.1	100	YES	NO	N/A
SBB-158 Igloo	1.3	750	YES	NO	N/A
SBB-159 Igloo	1.1	1,000	YES	NO	N/A
SRR-21 Above Ground	1.3	1,000	YES	NO	N/A
SRR-18 Above Ground	1.4	50,000	YES	NO	N/A
SRR-23 Above Ground	1.4	50,000	YES	NO	N/A
SFD-1 Earth Covered Barricaded (ECB)	1.1-1.4	15,000	YES	NO	N/A
SFD-2 ECB	1.1-1.4	5,000	YES	NO	N/A
SFD-3 ECB	1.1-1.4	1,000	YES	NO	N/A
SFD-4 ECB	1.1-1.4	1,000	YES	NO	N/A
SFD-5 Above Ground	1.1-1.4	1,000	YES	NO	N/A
SFD-6 Above Ground	1.1-1.4	1,000	YES	NO	N/A
SFD-7 ECB	1.1-1.4	5,000	YES	NO	N/A
SFD-8 ECB	1.1-1.4	5,000	YES	NO	N/A
SFD-9 ECB	1.1-1.4	15,000	YES	NO	N/A
SFD-10 ECB	1.1-1.4	3,000	YES	NO	N/A
SFD-11 ECB	1.1-1.4	1,000	YES	NO	N/A
SFD-12 ECB	1.1-1.4	3,000	YES	NO	N/A
SFD-13 ECB	1.1-1.4	1,000	YES	NO	N/A
SFD-14 ECB	1.1-1.4	15,000	YES	NO	N/A
SFA-1 Igloo	1.1-1.4	125,000	YES	NO	N/A

SFA-2 Igloo	1.1-1.4	90,000	YES	NO	N/A
SFA-3 Igloo	1.1-1.4	40,000	YES	NO	N/A
SFA-4 Igloo	1.1-1.4	125,000	YES	NO	N/A
SFA-5 Igloo	1.1-1.4	70,000	YES	NO	N/A
SFA-6 Igloo	1.1-1.4	100,000	YES	NO	N/A
SFA-7 Igloo	1.1-1.4	175,000	YES	NO	N/A
SFA-8 Igloo	1.1-1.4	90,000	YES	NO	N/A
SHE-1 Earth Covered Triple Arch (ECTA)	1.1-1.4	90,000	YES	NO	N/A
SHE-2 ECTA	1.1-1.4	100,000	YES	NO	N/A
SHE-3 ECTA	1.1-1.4	125,000	YES	NO	N/A
SHE-4 ECTA	1.1-1.4	240,000	YES	NO	N/A
SHE-5 ECTA	1.1-1.4	180,000	YES	NO	N/A
SHE-6 ECTA	1.1-1.4	120,000	YES	NO	N/A
SHE-7 ECTA	1.1-1.4	300,000	YES	NO	N/A
SHE-8 ECTA	1.1-1.4	100,000	YES	NO	N/A
SHE-9 ECTA	1.1-1.4	100,000	YES	NO	N/A
SHE-10 ECTA	1.1-1.4	120,000	YES	NO	N/A
SHE-11 ECTA	1.1-1.4	300,000	YES	NO	N/A
SHE-12 ECB	1.1-1.4	50,000	YES	YES	30 APR 1999
SHE-13 ECB	1.1-1.4	10,000	YES	YES	30 APR 1999
SSA-1 Above Ground	1.1-1.4	125,000	YES	NO	N/A
SSA-2 Above Ground	1.1-1.4	125,000	YES	NO	N/A
SSA-3 Above Ground	1.1-1.4	100,000	YES	NO	N/A
SSA-4 Above Ground	1.1-1.4	26,000	YES	NO	N/A
SSA-5 Above Ground	1.1-1.4	86,000	YES	NO	N/A
SSA-6 Above Ground	1.1-1.4	86,000	YES	NO	N/A
SSA-7 Above Ground	1.1-1.4	100,000	YES	NO	N/A
SSA-8 Non Std Whse	1.1-1.4	100,000	YES	NO	N/A
SSA-9 Non Std Whse	1.1-1.4	100,000	YES	NO	N/A

32.d. 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.

32.e. 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.

Related Ordnance Support

MCES

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance	NO	N/A	N/A
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	ISSUE, STORAGE, TURN IN INVENTORY	500
Technical Support	YES	ADMINISTRATIVE, SOP SUPPORT	1000

SOTG

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance	NO	N/A	N/A
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	ISSUE AND RECEIVING	390
Technical Support	YES	RECORDS; POCs; TRAVEL; ACCOUNTING; PROCESSING	650

NOTE: Outload and Tech Support are based on 260 days of the fiscal year. This cannot include, with any degree of accurage, SOTG external operations or JTF operations.

RIFLE RANGE DETACHMENT

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance	NO	N/A	N/A
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	ISSUES, STORAGE, TURN-IN, INVENTORY	510
Technical Support	YES	ADMINISTRATIVE, ACCOUNTABILITY	1,900

AMMUNITION SUPPLY POINT

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance (Product Packing, Cleaning, Minor Rework)	YES	ROCKETS MINES PYRO/DEMO GUN AMMO SMALL ARMS GRENADES/MORTARS PROJ	14976
Testing	NO	N/A	N/A
Manufacturing	NO	N/A	N/A
Outload	YES	ROCKETS MINES PYRO/DEMO GUN AMMO SMALL ARMS GRENADES/MORTARS PROJ	737568
Technical Support	YES	ROCKETS MINES PYRO/DEMO GUN AMMO SMALL ARMS GRENADES/MORTARS PROJ	7488

DATA CALL #24

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

L. H. LIVINGSTON, BGen, USMC
NAME (Please type or print)

Signature

Commanding General
Title

28 Jan 94
Date

Marine Corps Base, Camp Lejeune
Activity

Data Call 24 Capacity Analysis
MCB Camp Lejeune
UIC: M67001

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 _____

Title _____ Date 7/15/94

DATA CALL #24

BRAC-95 CERTIFICATION

Data Call #24

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

K. O. RANDEL
NAME (Please type or print)

Signature

Assistant Chief of Staff
Title

3 Jun 1994
Date

Division

Facilities Department
Department

Marine Corps Base, Camp Lejeune, NC
Activity

~~Enclosure (1)~~

ENCL (2)

DATA CALL #24

BRAC-95 CERTIFICATION

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

M. O. FLETCHER

NAME (Please type or print)

Signature

AC/S, Logistics

Title

940608

Date

Division

Logistics Department

Department

Marine Corps Base

Activity

ENCL

DATA CALL #24

BRAC-95 CERTIFICATION

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

R. C. MCELRAFT
NAME

Signature

Assistant Chief of Staff
Title

940621
Date

Training, Education and Operations
Department

Marine Corps Base Camp Lejeune
Activity

DATA CALL #24

BRAC-95 CERTIFICATION

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

D. W. Collins

NAME (Please type or print)

Signature

AC/S, Manpower

Title

23 June 1994

Date

Division

Manpower Department

Department

MCB, Camp Lejeune

Activity

BRAC-95 CERTIFICATION

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

L. H. LIVINGSTON, BGen, USMC
NAME (Please type or print)

Signature

Commanding General
Title

SEP 26 1994
Date

Marine Corps Base, Camp Lejeune
Division

Department

Activity

Enclosure (1)

DATA CALL 24 REVISION, MCB CAMP LEJEUNE

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
DEPUTY CHIEF OF STAFF FOR
INSTALLATIONS AND LOGISTICS

Signature

Title

10/11/94

Date

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 Base, Camp Lejeune, NC***
Acronym(s) used in correspondence	***MCB, CamLej***
Commonly accepted short title(s)	***Camp Lejeune***

- Complete Mailing Address

COMMANDING GENERAL
MARINE CORPS BASE
PSC BOX 20004
CAMP LEJEUNE, NC 28542-0004

- PLAD
  CG MCB CAMP LEJEUNE NC

- PRIMARY UIC: **M67001** (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): _____ PURPOSE: _____

SEE ATTACHMENT 1

2. PLANT ACCOUNT HOLDER:

- Yes __X__ No _____ (check one)

Data Call 1: General Installation Information, continued Activity: MCB CamLej

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: _____

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

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

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

• Yes _____ 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
USO, Jacksonville	Onslow County	M67001
Morehead City	Carteret County	M67001
Camp Geiger	Onslow County	M67001*
Rifle Range	Onslow County	M67001*

Data Call 1: General Installation Information, continued Activity: MCB CamLej

Name	Location	UIC
Camp Johnson	Onslow County	M67001
Courthouse Bay	Onslow County	M67001
Onslow Beach	Onslow County	M67001
MCAS, New River	Onslow County	M67001*
Greater Sandy Run Area	Onslow County	M67001
Verona Loop Area	Onslow County	M67001
Railroad Trackage	Craven County	M67001

* NOTE: Within Buildings with Host UIC of M67001, there are areas designated with the UIC of N68093 (NavHosp) and N68410 (NavDenClinic).

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below. **NONE**

Name	UIC	Location	Host name	Host UIC

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

- **Provide training, logistics, and facilities support for active and Reserve MARFOR units**
- **Provide mobilization and deployment support to these units during contingencies and exercises**
- **Provide resident, formal school training for U. S. Marine and other DoD personnel as assigned**
- **Operate and maintain Base training and support facilities**
- **Provide a wide range of municipal services including security, housing, education, medical care, and recreation support services**
- **Manage and preserve the natural resources and environmental integrity of the Base**

Projected Missions for FY 2001

- **Provide training, logistics, and facilities support for active and Reserve MARFOR units**
- **Provide mobilization and deployment support to these units during contingencies and exercises**
- **Provide resident, formal school training for U. S. Marine and other DoD personnel as assigned**
- **Operate and maintain Base training and support facilities**
- **Provide a wide range of municipal services including security, housing, education, medical care, and recreation support services**
- **Manage and preserve the natural resources and environmental integrity of the Base**

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

-
- **NONE**
-

Projected Unique Missions for FY 2001

-
- **NONE**
-

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
COMMARFORLANT	**67026**

• Funding Source	UIC
HQ, USMC	**00027**

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

	Marine/Navy Officers	Marine/Navy Enlisted	Civilian (Appropriated)
• Reporting Command	243*/214	7188*/830*	2056**
• Tenants (total)	1665/192	24381/1439	831

*** INCLUDES 4,997 STUDENTS (43 MARINE OFFICERS, 4,764 MARINE ENLISTED AND 190 NAVY ENLISTED) ASSIGNED TO MCB SCHOOLS (MCSSS, MCES, SOI AND FMSS)**
**** INCLUDES CIVILIANS AT 2DMARDIV (3) AND 2DFSSG (1)**

Authorized Positions as of 30 September 1994

	Marine/Navy Officers	Marine/Navy Enlisted	Civilian (Appropriated)
• Reporting Command	197*/243	2451*/643*	2044**
• Tenants (total)	1476/322	22167/1493	845

*** DOES NOT INCLUDE APPROXIMATELY 5,000 STUDENTS EXPECTED TO BE ASSIGNED TO MCB SCHOOLS (MCSSS, MCES, SOI AND FMSS)**
**** INCLUDES CIVILIANS AT 2DMARDIV (3) 2DFSSG (1)**

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

Title/Name	Office	Fax	Home
• **CO/OIC**			
BGen L. H. Livingston	**Comm: 910-451-2526** **DSN: 484-2526**	**Comm: 910-451-5088** **DSN: 484-5088**	
• **Duty Officer**	**DSN: 484-2414**	**DSN: 484-2415**	[N/A]
• **AC/S, Management Support**			
H. F. Smith	**Comm: 910-451-2584** **DSN: 484-2584**	**Comm: 910-451-3901** **DSN: 484-3901**	**910-346-6689**
• **Deputy AC/S, Mgt Spt**			
Anne M. Chick	**Comm: 910-451-2574** **DSN: 484-2574**	**Comm: 910-451-3901** **DSN: 484-3901**	**910-455-4205**

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
Eastern Area Counsel Office	00027	*	0	6

*** 6 MARINE OFFICERS INCLUDED IN THE REPORTING COMMAND TOTALS (UIC 31001)**

Data Call 1: General Installation Information, continued Activity: MCB CamLej

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
2d Marine Division (Marines) 2d Marine Division (Navy)	12000	844 57	13866 749	3*

*** CIVILIANS INCLUDED IN THE REPORTING COMMAND TOTALS**

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
CE II MEF (Marines) CE II MEF (Navy)	20133	124 9	200 5	2

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
2d SRI Group (Marines) 2d SRI Group (Navy)	20360	160 10	2014 46	0

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
2d FSSG (Marines) 2d FSSG (Navy)	27100	295 237	5980 974	1*

*** CIVILIAN INCLUDED IN REPORTING COMMAND TOTALS**

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NCIS Field Office (Marines)	35626	2	5	35

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Personnel Spt Activity Det (Navy)	43354	1	14	12

Data Call 1: General Installation Information, continued Activity: MCB CamLej

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
OICC/ROICC (Navy)	44249	6	1	28

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Defense Printing Service	48994	0	0	15

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Navy Audit Service	62761	0	0	4

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Camp Lejeune Dependents' Schools	HNCCL	0	0	590

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Defense Accounting Office	HQ0131	*	*	37

*** 2 MARINE OFFICERS AND 34 MARINE ENLISTED INCLUDED IN THE REPORTING COMMAND TOTALS (UIC 31001)**

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Camp Lejeune Commissary	HQCCA1	0	0	90

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
DRMO II Lejeune	SY2014	0	0	26

Data Call 1: General Installation Information, continued Activity: MCB CamLej

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
CE 22d MEU (Marines) *	20179	17	34	0

*** COMMAND ELEMENT ONLY - DOES NOT INCLUDE TAD PERSONNEL**

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
CE 24th MEU (Marines) *	20180	17	34	0

*** COMMAND ELEMENT ONLY - DOES NOT INCLUDE TAD PERSONNEL**

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
CE 26th MEU (Marines) *	20181	17	34	0

*** COMMAND ELEMENT ONLY - DOES NOT INCLUDE TAD PERSONNEL**

• 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
BRANCH DENTAL CLINIC (Navy)	44532	CAMP JOHNSON	2	4	0

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian

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.)
2d Marine Aircraft Wing	*Cherry Point, NC*	*Blocking & Bracing - ISA*
4th Prosecutorial District	*North Carolina*	*Prosecution of Off Base Offenses - MOA*
AFGE Local 2065	*Jacksonville, NC*	*Union Matters - MOU*
Carteret Community College	*Morehead City, NC*	*Paralegal Intern Program - MOU*
City of Jacksonville	*Jacksonville, NC*	*Beirut Memorial Advisor Committee - MOA*
City of Jacksonville	*Jacksonviile, NC*	*Fire Fighting Assistance - ISA*
City of Jacksonville	*Jacksonville, NC*	*Policing of Highway 24 - MOA*
City of Jacksonville	*Jacksonville, NC*	*SWAT Team Training - MOU*
COMCABEAST	*Cherry Point, NC*	*Base Operations Support - LSA*
Onslow County Department of Social Services	*Jacksonville, NC*	*Child Abuse/Negligent - MOA*
City of Durham (Police Department)	*Durham, NC*	*SWAT Team Training - MOU*
DFAS	*KANSAS CITY*	*Base Operations Support - ISA*

Data Call 1: General Installation Information, continued Activity: MCB CamLej

Federal Aviation Administration	*New Bern, NC*	*Fire Fighting Assistance - ISA*
MARFORLANT	*NORFOLK, VA*	*Audiovisual Support - MOA*
XVIII Airborne Corps & Fort Bragg	*Fort Bragg, NC*	*Base Operations Support - ISA*
XVIII Airborne Corps & Fort Bragg	*Fort Bragg, NC*	*Air Defense Training - ISA*
XVIII Airborne Corps & Fort Bragg	*Fort Bragg, NC*	*Prisoner Confinement - ISA*
XVIII Airborne Corps & Fort Bragg	*Fort Bragg, NC*	*Training - ISA*
XVIII Airborne Corps & Fort Bragg	*Fort Bragg, NC*	*Veterinarian Support - ISA*
Fort Gillem	*Fort Gillem, GA*	*Explosive Ordnance Disposal - ISA*
City of Greenville, SC (Police Department)	*Greenville, SC*	*SWAT Team Training - MOU*
City of High Point, NC (Police Department)	*High Point, NC*	*SWAT Team Training - MOU*
4th & 5th Longshoreman Platoons	*Wilmington, NC*	*Base Operations Support - ISA*
MARCORLOGBASES, ALBANY	*Albany, GA*	*NBC Test & Evaluation Program - ISA*
MCAS Cherry Point	*Cherry Point, NC*	*Laundry Support - ISA*
MCAS Cherry Point	*Cherry Point, NC*	*Microwave Tower Usage - ISA*
MCAS New River	*Jacksonville, NC*	*Electronic Maintenance Support - MOA*
MCAS New River	*Jacksonville, NC*	*MWR Operations/Administration - MOA*

Data Call 1: General Installation Information, continued Activity: MCB CamLej

MCAS New River	*Jacksonville, NC*	*Preschool Services - MOA*
MEDDAC	*Fort Bragg, NC*	*Veterinarian Services - ISA*
Military Sealift Command	*Bayonne, NJ*	*Legal Assistance - ISA*
Navy Reserve Center, Wilmington, NC	*Wilmington, NC*	*Transportation Assistance - ISA*
Naval Support Activity	*Jacksonville, Fl*	*Base Operations Support - ISA*
Naval Facilities Engineering Command	*Norfolk, Va*	*Vehicle Maintenance - ISA*
North Carolina Department of Natural Resources	*Raleigh, NC*	*Fire Fighting Assistance - ISA*
North Carolina Department of Natural Resources	*Raleigh, NC*	*Natural Area Management - MOU*
North Carolina Department of Transportation	*Raleigh, NC*	*Grounds Maintenance - Highway 24 - ISA*
North Carolina National Guard	*Raleigh, NC*	*Subsistence Supplies - ISA*
North Carolina National Guard	*Raleigh, NC*	*Transportation Support - ISA*
NPPSO	*Charleston, SC*	*Printing Support - ISA*
Onslow County	*Jacksonville, NC*	*Emergency Assistance - MOA*
Onslow County Health Department	*Jacksonville, NC*	*WIC Program Support - MOA*
Pope Air Force Base	*Fort Bragg, NC*	*Prisoner Confinement*

PSA Charleston	*Charleston, SC*	*'ID/DEERS Support - ISA*
U.S. Postal Service	*Jacksonville, NC*	*Refueling of Postal Vehicles - MOA*
U.S. Forest Service	*Ashville, NC*	*Fire Fighting Assistance - ISA*
U.S. Marshal Service/DEA	*Raleigh, NC*	*Asset Seizure - MOU*
City of Winston-Salem, NC (Police Department)	*Winston-Salem, NC*	*SWAT Team Training - MOU*
Coastal Enterprises	*Jacksonville, NC*	*Storage & Testing of Blank Firing Adapters - MOU*
Marine Reserve Forces	*Throughout CONUS*	*Provide Annual Training Support to Approximately 8,000-10,000 Reservists - LOA*

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.)

ALL OTHER UICs

08321	MARINE DIVISION 2D FMF	CAMLEJ (MAJ 00027)
31028	MISCELLANEOUS HM TRAINING	CAMLEJ (MAJ 00018)
32580	NAVAL BRANCH MEDICAL CLINIC	MCB, CAMLEJ
32949	NAVAL HOSPITAL	CAMLEJ (MAJ 00018)(PATIENTS/OTHERS)
35626	NAVAL INVESTIGATIVE SERVICE RESIDENT AGENCY	CAMLEJ (MAJ 00012)
41628	DENTAL DET 2D FORCE SERVICE SUPPORT GROUP	MCAS, JACKSONVILLE, NC (MAJ 00027)
43185	MEDICAL CONTINGENCY RESPONSE UNIT 107	BR NRMC CAMLEJ, WILMINGTON, NC
43186	MEDICAL CONTINGENCY RESPONSE UNIT 207	BR NRMC CAMLEJ, WINSTON-SALEM, NC
43187	MEDICAL CONTINGENCY RESPONSE UNIT 307	BR NRMC CAMLEJ, ASHVILLE, NC
43188	MEDICAL CONTINGENCY RESPONSE UNIT 407	BR NRMC CAMLEJ, CHARLOTTE, NC
43190	MEDICAL CONTINGENCY RESPONSE UNIT 607	BR NRMC CAMLEJ, SAVANNAH, GA
43191	MEDICAL CONTINGENCY RESPONSE UNIT 108	BR NRMC CAMLEJ, ATLANTA, GA
43194	MEDICAL CONTINGENCY RESPONSE UNIT 408	BR NRMC CAMLEJ, ORLANDO, FL
43195	MEDICAL CONTINGENCY RESPONSE UNIT 508	BR NRMC CAMLEJ, GAINESVILLE, FL
43200	MEDICAL CONTINGENCY RESPONSE UNIT 409	BR NRMC CAMLEJ, HUNTSVILLE, AL
43201	MEDICAL CONTINGENCY RESPONSE UNIT 509	BR NRMC CAMLEJ, JACKSON, MS
43354	PERSONNEL SUPPORT ACTIVITY DET	CAMLEJ (MAJ 00060)
43482	DENTAL CONTINGENCY RESPONSE UNIT 102	NAVREGDENCEN CAMLEJ, STATEN ISLAND, NY
44531	NAVAL BRANCH DENTAL CLINIC	CAMP GEIGER, MCB, CAMLEJ
44532	NAVAL BRANCH DENTAL CLINIC	CAMP JOHNSON, MCB, CAMLEJ
44533	NAVAL BRANCH DENTAL CLINIC	COURTHOUSE BAY, MCB, CAMLEJ
44534	NAVAL BRANCH DENTAL ANNEX HADNOT POINT	CAMLEJ (MAJ 00018)
44573	2D DENTAL BATTALION	2D FSSG FMFLANT, CAMLEJ
44574	2D DENTAL BATTALION, 2D DEN BN	2D FSSG FMFLANT, CAMLEJ
44575	22D DENTAL COMPANY	2D DEN BN 2D FSSG, FMFLANT, CAMLEJ
44576	22D DENTAL COMPANY DET FRENCH CREEK	CAMLEJ
45913	ENLISTED EDUCATION ADVANCEMENT PROG CCCC	CAMLEJ (MAJ 00062) (STUDENTS)
46097	NAVAL BRANCH MEDICAL CLINIC	CAMP GEIGER, MCB, CAMLEJ
46098	NAVAL BRANCH MEDICAL CLINIC	COURTHOUSE BAY, MCB, CAMLEJ

46099	NAVAL BRANCH MEDICAL ANNEX RIFLE RANGE	NAVHOSP, CAMLEJ (MAJ 00018)
46100	NAVAL BRANCH MEDICAL CLINIC CAMP JOHNSON	MCB, CAMLEJ (MAJ 00018)
46101	NAVAL BRANCH MEDICAL CLINIC	CORFAC, MCB, CAMLEJ
46102	NAVAL BRANCH MEDICAL CLINIC	FRENCH CREEK, MCB, CAMLEJ
46103	NAVAL BRANCH MEDICAL CLINIC	RIVER ROAD, MCB, CAMLEJ
46104	NAVAL BRANCH MEDICAL CLINIC	PHYSEXAMCEN, MCB, CAMLEJ
46105	NAVAL BRANCH MEDICAL CLINIC	INTRAINSCOL, MCB, CAMLEJ
46594	NAVAL BRANCH MEDICAL CLINIC	MCB, CAMLEJ (MAJ 00018)
46614	FIELD SERVICE SUPPORT GROUP 2D DET	NAVHOSP, CAMLEJ (MAJ 00027)
46883	DEPLOYABLE MEDICAL SYSTEMS	NAVHOSP, CAMLEJ (MAJ 00018)
46884	DEPLOYABLE MEDICAL SYSTEMS	NAVDENCLINIC, CAMLEJ (MAJ 00018)
46913	NAVAL MEDICAL COMMAND DE	NAVHOSP, CAMLEJ (MAJ 00018)
47172	22D MARINE EXPEDITIONARY UNIT	CAMLEJ
47173	24TH MARINE EXPEDITIONARY UNIT	CAMLEJ
47174	26TH MARINE EXPEDITIONARY UNIT	CAMLEJ
47423	NAVAL MEDICAL COMMAND MID-ATLANTICREGIONDET	CAMLEJ (MAJ 00018)
47438	2D MARINE DIVISION DET NAVAL HOSPITAL	CAMLEJ (MAJ 00027)
48087	2D DENTAL COMPANY	2D FSSG FMFLANT, CAMLEJ (MAJ 00027)
48163	1ST SURVEILLANCE RECON & INTELLIGENCE GROUP	II MEF, CAMLEJ (MAJ 00027)(FLT A)
48260	SPECIAL INTELLIGENCE COMMUNICATION STATION	2D RADIO BN FMFLANT, CAMLEJ (MAJ00015)
48262	SPECIAL INTELLIGENCE COMMUNICATION STATION	2D MARDIV FMFLANT, CAMLEJ (MAJ00015)
48276	SPECIAL SECURITY OFFICE	2D MARDIV FMFLANT, CAMLEJ (MAJ00015)
48724	NAVAL BRANCH DENTAL CLINIC	CAMLEJ (MAJ 00018)
48725	NAVAL BRANCH DENTAL CLINIC FRENCH CREEK	22D DENTAL CO, CAMLEJ (MAJ 00018)
48994	DEFENSE PRINTING SERVICE BRANCH OFFICE	MCB, CAMLEJ (MAJ 00023)
49102	GROUND OFFICER SUPPLY SCHOOL	CAMLEJ (MAJ 00018) (STUDENTS)
49106	SUPPLY SCHOOL, MARINE CORP BASE	CAMLEJ (MAJ 00027)
49992	20TH NAVAL CONSTRUCTION REGIMENT DET	CAMLEJ, JACKSONVILLE, NC (MAJ 00060)(N)
55207	2D MARINE AMPHIBIOUS FORCE, FMF ATLANTIC	CAMLEJ (MAJ 00027)

ALL OTHER UICs

55300	CONSOLIDATED FISCAL ACCOUNTING OFFICE	FMFLANT, CAMLEJ (MAJ 00027)
64493	MARINE CORPS SCHOOL FIELD MEDICAL SERVICE	CAMLEJ (MAJ 00027)
65987	FIELD MEDICAL SERVICE SCHOOLS	CAMLEJ (MAJ 00018) (STUDENTS)
66942	NAVAL HOSPITAL MEDICAL TECHNICAL	CAMLEJ (MAJ 00018) (STUDENTS)
67001	MARINE CORPS BASE	CAMLEJ (MAJ 00027)
67363	FLEET MARINE FORCE,2D MARINE DIVREARECHELON	CAMLEJ
67842	EAST COAST COMMISSARY COMPLEX	MCB, CAMLEJ
68093	NAVAL HOSPITAL	CAMLEJ (MAJ 00018)
68410	NAVAL DENTAL CENTER	CAMLEJ (MAJ 00018)
68447	FLEET MARINE FORCE ATLANTIC (ATLFORUNITFMF)	CAMLEJ
81765	PREV MEDICINE UNIT 33	CAMLEJ (MAJ 00018)
87083	NAVAL HOSPITAL CAMLEJ 107	NAVMARCORESCEN, RALEIGH, NC (MAJ 00018) (D)
88302	NR NAVAL HOSPITAL CAMLEJ 207	NAVMARCORESCEN, GREENSBORO, NC (MAJ 00018)
88304	NR NAVAL HOSPITAL CAMLEJ 307	NAVRESCEN, CHARLOTTE, NC (MAJ 00018)
89095	NR NAVAL DENTAL CLINIC CAMLEJ 107	NAVRESCEN, WILMINGTON, NC (MAJ 00018)
89840	NR NAVAL DENTAL CENTER	CAMLEJ 207, NAVMARCORESCEN CHARLOTTE, NC (MAJ 00018) (R)
89887	NR NAVAL DENTAL CENTER CAMLEJ 307	NAVMARCORESCEN, RALEIGH, NC (MAJ 00018) (R)

UNITED STATES MARINE CORPS
MARINE CORPS BASE
PSC BOX 20004
CAMP LEJEUNE, NORTH CAROLINA 28542-0004

IN REPLY REFER TO:
11011
BMSD
FEB 18 1994

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commandant of the Marine Corps (LFL), Headquarters Marine Corps, Washington, DC 20380-0001

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 94

Encl: (1) Subject Data Call w/diskette

1. The enclosure forwards subject data call as required by the reference.

2. Point of contact, this command, for all data calls is H. F. Smith, Assistant Chief of Staff, Management Support, DSN 484-2584/2574; FAX 484-3901.

L. H. LIVINGSTON

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

NEXT ECHELON LEVEL (if applicable)

L. H. LIVINGSTON, BGen, USMC
NAME (Please type or print)

Signature

Commanding General
Title

FEB 1 9 1994
Date

MCB, Camp Lejeune, NC
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

11 MAR 1994

Title

Date

BRAC-95 CERTIFICATION

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

D. W. COLLINS
NAME (Please type or print)

Signature

AC/S, Manpower
Title

14 Feb 1994
Date

Division

Manpower Department
Department

MCB Camp Lejeune
Activity

~~Enclosure (1)~~

BRAC-95 CERTIFICATION

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

K. O. RANDEL

NAME (Please type or print)

Signature

AC/S, FACILITIES

Title

FEB 11 1994

Date

FACILITIES DEPARTMENT

Division

Department

MCB CAM LEJ

Activity

Enclosure (1)

BRAC-95 CERTIFICATION

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

NANCY C. KALM
NAME (Please type or print)

Nancy C. Kalm
Signature

Deputy
Title

11 Feb 94
Date

Headquarters
Division

AC/S Logistics
Department

MCB, CamLej NC
Activity

~~ENCLOSURE~~ (2)

BRAC-95 CERTIFICATION

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

H. F. SMITH
NAME (Please type or print)

Signature

Assistant Chief of Staff
Title

14 Feb 94
Date

Division

Management Support Department
Department

MCB, Camp Lejeune, NC
Activity

Enclosure (1)

411

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	**MARINE CORPS BASE, CAMP LEJEUNE, NC**
UIC:	**M67001**
Host Activity Name (if response is for a tenant activity):	
Host Activity UIC:	

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

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

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

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)

Activity Name: Marine Corps Base, Camp Lejeune, NC	UIC: M67001

Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	15,040	13,677	28,717
1b. Minor Construction	1,578	255	1,833
1c. Sub-total 1a. and 1b.	16,618	13,932	30,550
2. Other Base Operating Support Costs:			
2a. Utilities	15,040	5,522	20,562
2b. Transportation	853	3,035	3,888
2c. Environmental	2,691	2,422	5,113
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	688	666	1,354
2f. Bachelor Quarters	27	393	420
2g. Child Care Centers	1,118	1,120	2,238
2h. Family Service Centers	423	123	546
2i. Administration	231	562	793
2j. Other (Specify) *(Breakdown of this category)	5,928	56,199	62,127
2k. Sub-total 2a. through 2j:	26,999	70,042	97,041
3. Grand Total (sum of 1c. and 2k.):	43,617	83,974	127,591

DATA CALL 66
INSTALLATION RESOURCES

NOTE: Facilities costs include support to MCAS, New River, estimated to be 13.23% of the budgeted amounts.

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:

Nonapplicable

Appropriation	Amount ($000)

c. Table 1B - Base Operating Support Costs (DBOF Overhead).

NONAPPLICABLE TO MCB, CAMP LEJEUNE

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..

DATA CALL 66
INSTALLATION RESOURCES

NONAPPLICABLE TO MCB, CAMP LEJEUNE

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

DATA CALL 66
INSTALLATION RESOURCES

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

Table 2 - Services/Supplies Cost Data

Activity Name: Marine Corps Base, Camp Lejeune	**UIC: M67001**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	497
Material and Supplies (including equipment):	15,147
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.):	27,973
Total:	43,617

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: Marine Corps Base, Camp Lejeune	**UIC: M67001**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support: **Custodial & Grounds Maintenance**	45
Mission Support: **Microcomputer & Simulator/Trainer Maintenance**	11
Procurement:	0
Other:* **Food Services Contract**	600
Total Workyears:	656

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

DATA CALL 66
INSTALLATION RESOURCES

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

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

656

2) Estimated number of workyears which would be eliminated:

N/A

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

N/A

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

N/A

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

N/A

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

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: MCB Camp Lejeune

PAGE (S): ALL

BSWG REVIEW OFFICIAL

W.J. WALLENHORST
NAME (Please type or print)

Signature

Fiscal Division
Title

21 OCT 1994
Date

MCB CAMP LEJEUNE
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)

NAME (Please type or print

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

Signature

Title

Date 10/21/94

H1

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	MCB CAMP LEJEUNE NC
Unit Identification Code (UIC):	67001
Major Claimant:	CMC

Percentage of Military Families Living On-Base:	24%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	$18,269.753
Total Number of Officer Housing Units:	657
Total Number of Enlisted Housing Units:	3,796

* **Percentage was computed using total housing units (MCB/MCAS New River), total on-board strength, and actual married percent.**

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.

DATA CALL 63 for MCB CAMP LEJEUNE

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 J.A. BRABHAM
LIEUTENANT GENERAL U.S. MARINE CORPS _____ Signature _____

Title DEPUTY CHIEF OF STAFF FOR INSTALLATIONS AND LOGISTICS _____ Date 8/8/94

DATA CALL #63

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

L. H. LIVINGSTON, BGen, USMC

NAME (Please type or print)

Signature

Commanding General

Title

JUL 22 1994

Date

MCB, Camp Lejeune, NC

Activity

41

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	DBO Camp Lejeune
UIC:	48994
Host Activity Name (if response is for a tenant activity):	Marine Corps Base
Host Activity UIC:	67001

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Defense Printing Service		UIC: ~~AH~~ 48994	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:			
3. Grand Total (sum of 1c. and 2k.):			

N/A (DPS is DBOF)

UIC: 48994

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)
N/A	

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

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: DBO Camp Lejeune		UIC: 48994	
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)	$5		$5
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.	$5		$5
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities	$23		$23
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:	$23		$23
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :	$28		$28

DATA CALL 66
INSTALLATION RESOURCES

Table 2 - Services/Supplies Cost Data	
Activity Name: DBO Camp Lejeune	UIC: 48994
Cost Category	FY 1996 Projected Costs ($000)
Travel:	$2
Material and Supplies (including equipment):	$165
Industrial Fund Purchases (other DBOF purchases):	$0
Transportation:	$2
Other Purchases (Contract support, etc.):	$1,353
Total:	$1,522

DATA CALL 66
INSTALLATION RESOURCES

Table 3 - Contract Workyears	
Activity Name: Defense Printing Service	**UIC:** ~~AH~~ 48994
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	

N/A (DPS has tenants only; do not support installations)

UIC 48994

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)):

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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

N/A

UIC: 48994

DATA CALL 66
INSTALLATION RESOURCES

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

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

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

DATA CALL #39

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

L. H. LIVINGSTON, BGen, USMC
NAME (Please type or print)

Signature

Commanding General
Title

24 June 1994
Date

Marine Corps Base, Camp Lejeune
Activity

DATA CALL 39 MCB CAMP LEJEUNE

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
INSTALLATIONS AND LOGISTICS

NAME (Please type or print) _____ Signature _____

Title _____ Date 8/1/94

41

DATA CALL 66 UIC: 43354
INSTALLATION RESOURCES

Activity Information:

Activity Name:	PERSUPPDET Camp Lejeune
UIC:	43354
Host Activity Name (if response is for a tenant activity):	Marine Corps Station, Camp Lejeune
Host Activity UIC:	67001

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

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

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

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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: PERSUPPDET Camp Lejeune		UIC: 43354	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities	16	0	16
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	77	848	925
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:	93	848	941
3. Grand Total (sum of 1c. and 2k.):	93	848	941

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&MN	422
MPN	519

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

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

DATA CALL 66 UIC: 43354
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: N/A; not a DBOF Activity		UIC: 43354	
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: PERSUPPDET Camp Lejeune	**UIC: 43354**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	2
Material and Supplies (including equipment):	73
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	18
Total:	93

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: PERSUPPDET Camp Lejeune	**UIC:** 43354
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	0

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

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

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

N/A; no contract workyears

2) Estimated number of workyears which would be eliminated:

N/A; no contract workyears

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

N/A; no contract workyears

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.

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

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

PSA NORFOLK UIC N68654
DATA CALL SIXTY-SIX

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

RADM H. W. GEHMAN, JR.
NAME (Please type or print)

H.W. Gehman, Jr.
Signature

Acting
Title Commander in Chief
U.S. Atlantic Fleet
Activity

15 AUG 1994
Date

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

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

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

W A Earner
Signature

Title

8/30/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

R. E. LANDICK, CDR, USN
NAME (Please type or print)

Signature

ACTING
Title

13 July 1994
Date

PSA NORFOLK
Activity

411

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

MARINE CORPS BASE
CAMP LEJEUNE

20 APRIL 1994

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

MARINE CORPS BASE
CAMP LEJEUNE

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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.

(Refer to MCB CamLej response to BRAC-95, Data Call #1)

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*	
Picoides Borealis - Red-Cockaded WoodPecker	endangered	Federal	0	1589
Alligator Mississippiensis - American Alligator	threatened	Federal	0	26,000
Caretta Caretta - Loggerhead Sea Turtle	threatened	Federal	0	61
Chelonia Mydas - Green Sea Turtle	threatened	Federal	0	61
Lysimachia Asperulaefolia - Rough-Leaved Loosestrife-Plant	endangered	Federal	0	0
Amaranthus Pumilus - Sea Beach Amaranth - Plant	threatened	Federal	0	27

Source Citation: Threatened in North Carolina due to similarity of appearance

1b.

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

1c. If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map.

1d.

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

1e.

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

2. WETLANDS

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

2a.

Does your base possess federal jurisdictional wetlands?	**YES**/NO
Has a wetlands survey in accordance with established standards been conducted for your base?	**YES**/NO
When was the survey conducted or when will it be conducted?____/____/____	April 1994
What percent of the base has been surveyed?	100%
What is the total acreage of jurisdictional wetlands present on your base?	Approx. 82,000

Source Citation: Wetland Management and Mitigation Banking Study, Apr 94

* **Note: A wetlands management and mitigation banking study has been completed, but jurisdictional delineation has only been accomplished as part of project development.**

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

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

* Wetland regulatory requirements are incorporated into project planning via adherence to NEPA and internal Environmental Impact Review procedures. MCB, CamLej is regulated identically to any Federal agency or private organization in the regulatory hierarchy of avoiding, minimizing, and (when impacts are unavoidable), mitigating wetland losses.

3. CULTURAL RESOURCES

3a.

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	**YES**/NO

ELIGIBLE FOR LISTING IN THE NATIONAL REGISTER OF HISTORIC PLACES		
STATE CULTURAL	SITE	REFERENCE
310N309	Jarrett's Point Ossuary	Water & Air Research, 1987
310N308	Jarrett's Point Prehistoric Site/Plantation	Brockington, 1990
310N338	Mill Creek Middle Woodland Prehistoric Site	Brockington, 1990
310N387	Glenoe Stock Farm/Onslow Hall Mansion, Thomas McIntyre Plantation	Brockington, 1990
310N388	Charles Stout Homesite	Brockington, 1990
310N482	Scatter, Middle Woodland	Brockington, 1992
310484	Scatter, 19th and 20th Century	Brockington, 1992
310N501	Tarkiln, Unnamed 18th Century	Brockington, 1992

3b.

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	YES/**NO**

*** Marine Corps Base, Camp Lejeune has not listed any eligible resources. However, eligible and potentially eligible resources are considered before construction and military training activities are undertaken. Cultural resource surveys are in progress on the recently acquired Greater Sandy Run Area, per the Record of Decision for the Environmental Impact Statement for its acquisition. Future surveys will be conducted as funding sources are available. Also, further CR studies have been commissioned for mainside MCB, CamLej.**

Protection of historical/cultural/archaeological sites will represent a challenge to commanders who seek to effectively use the acreage available for training at Camp Lejeune.

3c.

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

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?					**<u>YES</u> / NO**
ID/Location of Landfill	**Permitted Capacity (CYD)**		**Maximum Capacity (CYD)**	**Contents[1]**	**Permit Status**
	TOTAL	**Remaining**			**NC# 67-03**
MSWLF Sneads Ferry Road	Unknown	430,000	Unknown	Putrescible	Oct. 9, 1998
MSWLF Sneads Ferry Road	Unknown	485,000	Unknown	Non-Putrescible	Oct. 9, 1998

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

Are there any current or programmed projects to correct deficiencies or improve the facility.

Project P-948, Landfill is programmed for FY 94 to construct and solid waste landfill to meet regulations and capacity requirements for base operations

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

N/A

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					**YES / NO**
Facility/Type of Operation	**Permitted Capacity**	**Ave Daily Throughput**	**Maximum Capacity**	**Permit Status**	**Comments**
Recycling Center	NA	20 tons	25 tons	NA	
Naval Hospital Incin.	130 lbs/hr	313 lbs/days	130 lbs/hr	permitted	EPA mandated SIC - call for incinerators successfully completed and approved by the State Dec 93

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

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					**YES**
ID/Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/Year Built**
NC0063029/ Hadnot Point	8MGD	4.89MGD	9MGD	SOC	Secondary/1940's
NC0063037/ Courthouse Bay	0.60MGD	0.36MGD	0.60MDG	SOC	Secondary/1940's
NC0063053/ Onslow Beach	0.195MGD	0.091MGD	0.195MGD	SOC	Secondary/1950's
NC00630037 / Rifle Range	0.525MGD	0.236MGD	0.525	SOC	Secondary/1950's
NC0062995/ Camp Geiger	1.60MGD	0.794MGD	1.60MGD	SOC	Tertiary/1940's
NC0063011/ Camp Johnson	1.0MGD	0.394MGD	1.0MGD	SOC	Secondary/1940's
NC0063002/ Tarawa Terrace	1.25MGD	0.771MGD	1.25MGD	SOC	Secondary/1950's

List permit violations and discuss any projects to correct deficiencies.

SOC is a Special Order by Consent with the State to allow operation of existing plans until new facilities are completed in 1998.

<u>Notices of Violation</u>:

- Camp Johnson exceeded monthly BOD average for January 1993. NOV issued 5 April 1993.

- Sufficient copies of Discharge Monitoring Reports for all seven plants were not received by the State for the month of September 1993. NOV issued 23 November 1993.

- Camp Geiger exceeded the daily maximum limit for BOD on 6 December 1993. NOV issued 25 February 1994.

- Camp Johnson exceeded the daily maximum limit for BOD on 17 December 1993. NOV issued 25 February 1994.

- Tarawa Terrace exceeded the daily maximum limit for BOD on 3 January 1994. NOV issued 21 March 1994.

Projects P-947, P-974, and P-975, Wastewater Treatment Improvements are programmed for FY 94, FY 96, and FY 97 respectively to upgrade treatment facilities to meet new permit requirements.

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.

N/A

4f.

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

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

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

NO

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					YES/NO
ID/Location of WTP	**Operating (GPD)**		**Method of Treatment**	**Maximum Capacity**	**Permit Status**
	Permitted Capacity	**Daily Rate**			
04-67-043/ Holcomb Blvd	5MGD	2.31MGD	lime softening	5MGD	Compliant
04-67-041/ Hadnot Point	5MGD	2.91MGD	lime softening	5MGD	Non-compliant
04-67-042/ MCAS, New River	3.5MGD	0.84MGD	lime softening	3MGD	Non-compliant
04-67-047/ Courthouse Bay	0.8MGD	0.29MGD	zeolite	0.8MGD	Compliant
04-67-048/ Onslow Beach	0.250MGD	0.12MGD	zeolite	0.250MGD	Non-compliant
04-67-046/ Rifle Range	0.60MGD	0.22MGD	zeolite	0.60MGD	Non-Compliant (plant to be taken off line Jun 94)

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

The Hadnot Point, Holcomb Blvd, and MCAS, New River water treatment systems received a Notice of Violation in February 1993 for failure to submit lead and copper sampling results by the regulation date. Sampling results were submitted, but were not received by the State by the established deadline. Currently, the Hadnot Point; MCAS, New River; Onslow Beach; and Rifle Range systems have exceeded the action level for lead. As required by the Lead and Copper rule for Drinking Water, an optimal corrosion control demonstration plan is being developed for submission to the State which will be followed by corrosion control studies as approved by the State. The water treatment systems are in compliance with all other regulatory requirements. Exceeding the action level does not constitute a violation, but requires specific actions to achieve optimal corrosion control to reduce lead levels.

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.

Contracts to purchase water are in place for Verona Loop, Rifle Range, and Morehead City Port areas. These are indefinite quantity contracts with no termination date. Estimated contract purchase volume is 168,950 gallons per day, but vary by location, season, and operation requirements.

4j.

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

4k.

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

NO. MCB Camp Lejeune has negotiated with the State of North Carolina and conducted fieldwork for 17 sub-basins and is working on six stormwater permit.

4l.

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

Explain:

4m.

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

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.

Current MCON projects are programmed to upgrade wastewater treatment facilities not in 4d. Capacity will increase from 13.17 MGD to 15 MGD at a new centralized facility. Other systems have potential for expansion and will require construction to obtain increased capacities. No BRACON expansion/upgrades are

currently planned.

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

NO

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? **EPA REGION IV, NC STATE REGION 8**
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: CAMP LEJEUNE MARINE CORPS BASE AQCA: EPA IV, NC 8

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.

	Emission Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	20.9	NA	NA	NA	20.9
NOx	474.8	NA	NA	NA	474.8
VOC	23.5	NA	NA	NA	23.5
PM10	122.7	NA	NA	NA	122.7

Source Document: EDMS SUMMARY OF EMISSIONS BY SOURCE CRITERIA POLLUTANTS REQUIRED IN 1993 - BASE LINE YEAR

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

	Emissions Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	20.9	NA	NA	NA	20.9
NOx	474.8	NA	NA	NA	474.8
VOC	23.5	NA	NA	NA	23.5
PM10	122.7	NA	NA	NA	122.7

Source Document: EDMS SUMMARY OF EMISSIONS BY SOURCE

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.

No decreases due to BRAC or downsizing
No confirmed increases

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

Swan Quarter (Class I)

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.

There have been no restrictions or delays due to air quality considerations.

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		864	560	2,625	1,625	1,625	1,625
Hazardous Waste		194	1,219	630	800	800	800
Safe Drinking Water Act		2,566	2,872	1,292	254	254	254
PCBs		45		200			
Other (non-PCB) Toxic Substance Control Act							
Lead Based Paint				1,450	1,450	1,450	1,450
Radon							
Clean Water Act		2,429	2,718	10,400	3,655	3,655	3,655
Solid Waste		185	3,120	2,150	3,150	3,150	3,150
Oil Pollution Act			552	450	300	300	300
USTs		6,269	6,303	2,439	5,488	5,488	5,488
Other		310	466	600	1,005	1,005	1,005
Total		12,862	17,810	22,236	17,727	17,727	17,727

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? **30%** Are additional surveys planned? **YES** What is the estimated cost to remediate asbestos ($K) ___*___. Are asbestos survey costs based on encapsulation, removal or a combination of both?

*** An Asbestos Management Plan Study is underway at CamLej to determine remediation cost.**

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&M, MC	7,033	5,130	5,225	8,291	11,808	15,264	15,264	15,264
Other (specify)								
TOTAL:								

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.

NO

7. INSTALLATION RESTORATION

7a.

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

SEE TABLE IN ATTACHMENT 2

* **Please note the table in Attachment 2 does not provide the estimated completion dates for IR site remediation. This information will become available as these sites are investigated in the future. IR Site #48, which is an exception to this should be completely restored in 1995. Please refer to item #7d for information concerning sites which are scheduled for pump and treat operations.**

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
Information for this table is shown in Attach 2						

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

[2] Status = PA, SI, RI, RD, RA, long term monitoring, etc.

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.

NO

7d.

Is there a groundwater treatment system in place? **Two groundwater pump and treat systems are in place at IR Site #78 to remediate TCE contaminant plumes. They are expected to remain in operation until the year 2024. Pump and treat systems are in place at UST Sites Hadnot Point fuel farm, TT service station, and JP-5 Pipe to remediate petroleum contaminant plumes. They are expected to remain in operation until 2010, 2014, and 2013, respectively.** **A groundwater pump and treat system is under construction at IR Site #82, which will remediate TCE contaminant plumes at both Site #82 and #06. This operation is expected to operate from 1995 to the year 2025**	**YES**/NO
Is there a groundwater treatment system planned? **As RI/FS activities and UST investigations continue, various IR and UST sites will be scheduled for groundwater treatment systems. Based on current technology, typical treatment systems are designed to operate for approximately 30 years for hazardous waste sites and 20 years at petroleum sites.**	**YES**/NO

State scope and expected length of pump and treat operation.

7e.

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

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

NO

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

*** Note the Base operates 2 hazardous waste conforming storage facilities. Information with respect to this matter is as follows:**

Name	Description	Capacity	Restrictions	Permit Cond.
TP-451	**metal storage warehouse with containment system**	**3200 ft**	**explosives are restricted**	**ignitables, corrosives, reactives, toxics are permitted**
TP-463	**metal storage warehouse with containment system**	**3200 ft**	**explosives are restricted toxics are permitted**	**ignitables, corrosives, reactives,**

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.

Site	Facility/Location	Cleanup Required/Status
820	**Berkley Manor C Store Stone Street**	**Pending SA**
AS-410N	**MCX service station Campbell at Bancroft**	**Pending SA**
BB-177	**MCX service station Marines Road at Courthouse Bay**	**Pending SA**
Marina	**Gottschalk Marina River Road at Hospital Point**	**Pump and Infiltrate CAP**
RR-72	**MCX service station Powder Lane in Rifle Range area**	**Pump and Infiltrate CAP**
TC-912	**MCX service station A Street at Camp Geiger**	**SVE/Air Sparging CAP**
TT Service Station	**Iwo Jima Blvd in Tarawa Terrace**	**Pending SA**

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	**NON-APPLICABLE**

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations?

Through the Environmental Impact Working Group process, determinations are often made as to the effect of IR sites on planned construction activities. These projects are occasionally modified to accommodate IR activities.

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
Camp Lejeune Base Property	86,682.86	MCB, Camp Lejeune*
Camp Lejeune-Cherry Point RR R/W	697	JAX to Main Gate to Havelock
Greater Sandy Run Area - Recent Land Acq.	40,049.16	Greater Sandy Run
Parcel in Area F for Fire Tower	.98	Hubert, NC
Lease of Property at N.C. State Ports	.995	Morehead City, NC
Property Leased to USO	.45	Jacksonville, NC

* Acreage does not include waterways within base boundary.

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.)		14,323
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 65,000
		All Others: 5,900
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		36,205
Total Undeveloped land considered to be without development constraints		6,000
Total Off-base lands held for easements/lease for specific purposes		111
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	2,057
	HERF	0
	HERP	0
	HERO	0
	AICUZ	0
	Airfield Safety Criteria	0
	Other (Impact Area & ranges)	34,148

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. 72,429 Acres

8d. What is the date of your last AICUZ update? ____/____/____ Are any waivers of airfield safety criteria in effect on your base? **NO** Summarize the conditions of the waivers below.

The date of our last AICUZ update was July 1978. There are no waivers of airfield safety criteria in effect on the Camp Lejeune complex.

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

There is no off-base land which exists within Noise Zones 2 or 3.

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

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

NONE

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

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

NONE

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	Intracoastal Waterway R/W area available, 210 AC if required, environmental and state limitations
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	Intracoastal Waterway R/W area available, 210 AC if required, environmental and state limitations
Are the dredged materials considered contaminated? List known contaminants.	Unknown

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

None. State conducts Consistency Review for proposed action when applicable.

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

Sedimentation control plans are developed for earth disturbing activities greater than one acre. These plans are approved by State. Inspections are conducted by State.

8k.

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

8l. List any other areas on your base which are indicated as protected or preserved habitat other than threatened/endangered species that have been listed in Section 1. List the species, whether or not treated, and the acres protected/preserved.

NONE

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?

> **There are no existing issues that are perceived as being showstoppers that would prevent accomplishment of the installation mission. The potential affects, though showstoppers are not perceived, has and will continue to require close and coordinated management between the environmental and training communities.**

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

NONE

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

NONE

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

There are no future or proposed laws or regulations, or any proposed laws or regulations which will completely constrain Base operations or development. New laws or regulations could impact on Base operations if they hampered the Base's mission, training Marines.

H.R. 1330, H.R. 3465, and S. 1304 are pending Federal legislation regarding wetlands regulation. These proposed bills seek to impose a new classification system for delineating and protecting wetlands. The outcome of this legislation could affect Base operations in the Greater Sandy Run Area.

BRAC DATA CALL #33
for
MCAS NEW RIVER

ITEM #7b

Site	Type	Ground water contam?	Extends off Base?	Drinking Water Source?	Cost to Complete ($M)	Status
41	CERCLA	Yes	No	No	5.2	RI/FS
43	CERCLA	Yes	No	No	4.9	RI/FS
44	CERCLA	P	No	No	P	RI/FS
48	CERCLA	No	N/A	No	0.05	RA
54	CERCLA	Yes	No	No	4.0	RI/FS
75	CERCLA	P	P	P	P	SI
76	CERCLA	P	P	P	P	SI
86	CERCLA	Yes	No	No	5.2	RI/FS
A	CERCLA	P	P	P	P	SI

Assume the following:

a) The question "drinking water source" asks if the drinking water supply has been impacted by this site.

b) "RI/FS" refers to the Remedial Investigation/Feasibility Study stage of an IR site.

c) "SI" refers to the Site Inspection Stage of a site.

d) "RA" refers to the Remedial Action phase of a site.

e) "P" denotes that future studies are scheduled for the site. Further information is "pending" until these studies are completed.

f) The above chart is based on current available information and is subject to change.

BRAC DATA CALL #33
for
Camp Johnson, Camp Geiger,
Rifle Range Area, and
Tarawa Terrace Housing

ITEM #7b

Site	Type	Ground water contam?	Extends off Base?	Drinking Water Source?	Cost to Complete ($M)	Status
07	CERCLA	P	P	P	P	RI/FS
16	CERCLA	P	P	P	P	RI/FS
35	CERCLA	Yes	No	No	5.2	RI/FS TCRA
36	CERCLA	P	P	P	P	RI/FS
63	CERCLA	P	P	P	P	RI/FS
68	CERCLA	P	P	P	P	SI
69	CERCLA	Yes	No	No	5.5	RI/FS
85	CERCLA	P	P	P	P	SI

Assume the following:

a) The question "drinking water source" asks if the drinking water supply has been impacted by this site.

b) "RI/FS" refers to the Remedial Investigation/Feasibility Study stage of an IR site.

c) "SI" refers to the Site Inspection Stage of a site.

d) "RA" refers to the Remedial Action phase of a site.

e) "P" denotes that future studies are scheduled for the site. Further information is "pending" until these studies are completed.

f) "TCRA" denotes that a Time Critical Removal Action is scheduled.

g) The above chart is based on current available information and is subject to change.

BRAC DATA CALL #33
for
MCB Camp Lejeune
(main side)

ITEM #7b

Site	Type	Ground water contam?	Extends off Base?	Drinking Water Source?	Cost to Complete ($M)	Status
01	CERCLA	Yes	No	No	4.8	RI/FS
02	CERCLA	Yes	No	No	3.0	TCRA
03	CERCLA	P	P	P	P	RI/FS
06	CERCLA	Yes	No	Yes	2.7	RA, TCRA
09	CERCLA	No	No	No	0.05	RA
12	CERCLA	P	P	P	P	SI
21	CERCLA	Yes	No	No	1.2	RA
24	CERCLA	No	No	No	0.05	RA
28	CERCLA	P	P	P	P	RI/FS
30	CERCLA	P	P	P	P	RI/FS
65	CERCLA	No	No	No	0.20	RI/FS
73	CERCLA	Yes	No	No	5.3	RI/FS
74	CERCLA	Yes	No	Yes	4.8	RI/FS
78	CERCLA	Yes	No	Yes	5.5	RA
80	CERCLA	Yes	No	Yes	5.1	RI/FS
82	CERCLA	Yes	No	Yes	2.6	RA
84	CERCLA	Yes	No	No	5.2	SI

Assume the following:

a) The question "drinking water source" asks if the drinking water supply has been impacted by this site.

b) "RI/FS" refers to the Remedial Investigation/Feasibility Study stage of an IR site.

c) "SI" refers to the Site Inspection Stage of a site.

d) "RA" refers to the Remedial Action phase of a site.

e) "P" denotes that future studies are scheduled for the site. Further information is "pending" until these studies are completed.

f) "TCRA" denotes that a Time Critical Removal Action is scheduled.

g) The above chart is based on current available information and is subject to change.

BRAC DATA CALL #33
for
MCB Camp Lejeune
(including MCAS New River
and associated tenant commands)

ITEM #7b

Site	Type	Ground water contam?	Extends off Base?	Drinking water source?	Cost to complete ($M)	Est. complete date (FY)	Status
AS-4151	UST	Y	N	N	1.12	2015	CAP
Campbell Street FF	UST	Y	N	N	1.17	2015	CAP
JP-5 Pipe	UST	Y	N	N	1.50	2013	ops
AS-410 N	UST	Y	N	N	1.21	2016	SA
AS-522	UST	Y	N	N	1.16	2016	SA
AS-822	UST	Y	N	N	1.21	2016	SA
AS-4158	UST	Y	N	N	1.21	2016	SA
AS-840	UST	Y	N	N	1.21	2018	SC
Rapid Refueler	UST	Y	N	N	1.40	2019	SA
21	UST	Y	N	N	0.96	2015	CAP
45	UST	Y	N	N	0.91	2015	CAP
61	UST	Y	N	N	0.07	2006	SC
820	UST	Y	N	N	1.11	2016	SA
903	UST	Y	N	N	0.07	2006	SC

1115	UST	Y	N	N	1.11	2015	SA
1310	UST	Y	N	N	0.07	2006	SC
1607	UST	Y	N	N	0.07	2006	SC
A-47	UST	Y	N	N	1.0	2017	SA
BA-130	UST	Y	N	N	0.07	2006	SC
BB-9	UST	Y	N	N	1.11	2016	SA
BB-51	UST	Y	N	N	1.10	2015	SA
BB-71	UST	Y	N	N	0.07	2006	SC
BB-177	UST	Y	N	N	1.19	2017	SC
FC-102	UST	Y	N	N	0.07	2006	SC
FC-120	UST	Y	N	N	0.07	2006	SC
FC-201E	UST	Y	N	N	0.87	2015	SA
FC-201W	UST	Y	N	N	0.07	2005	SC
H-28	UST	Y	N	N	0.90	2015	CAP
H-30	UST	Y	N	N	1.18	2018	SC
Had not Point FF	UST	Y	N	N	0.90	2010	ops
LCH-4022	UST	Y	N	N	1.07	2015	SA
M-90	UST	Y	N	N	1.19	2017	SC
M-101	UST	Y	N	N	1.19	2017	SC
M-232 thru 236	UST	Y	N	N	1.11	2015	SA
Marina	UST	Y	N	N	1.13	2016	CAP
RR-72	UST	Y	N	N	0.88	2016	CAP
SLCH-4019	UST	Y	N	N	1.19	2017	SC
STT-39A	UST	Y	N	N	1.01	2015	SA
STT-69	UST	Y	N	N	0.86	2015	SA

TC-341	UST	Y	N	N	0.89	2015	SA
TC-912	UST	Y	N	N	0.59	2016	CAP
TT Service Station	UST	Y	N	N	0.67	2014	ops
TT-2455	UST	Y	N	N	1.10	2015	SA
TT-2477-3	UST	Y	N	N	0.07	2006	SC
TT-2478	UST	Y	N	N	0.86	2015	SA

Assume the following:

a) The question "drinking water source" asks if the drinking water supply has been impacted by this site.

b) "CAP" refers to the Corrective Action Plan stage of a UST investigation.

c) "ops" refers to the maintenance and operation of a UST remediation system.

d) "SA" refers to the Site Assessment phase of a UST investigation.

e) "SC" refers to the Site Check phase of a UST investigation.

SUMMARY OF EMISSIONS BY SOURCE

Station No.	Annual Avg. Emissions	UNITS	CAS Number	Chemical Name	PERMIT NO.	Station Type
A-HP-1700-01	2.658290100	TON	630-08-0	CARBON MONOXIDE	3769	BOIL
A-HP-1700-02	2.658290100	TON	630-08-0	CARBON MONOXIDE	3769	BOIL
A-HP-1700-02	0.442855114	TON	630-08-0	CARBON MONOXIDE	3769	BOIL
A-HP-1700-03	2.658290100	TON	630-08-0	CARBON MONOXIDE	3769	BOIL
A-HP-1700-03	0.442855114	TON	630-08-0	CARBON MONOXIDE	3769	BOIL
A-HP-1700-04	2.658290100	TON	630-08-0	CARBON MONOXIDE	3769	BOIL
A-HP-1700-04	0.442855114	TON	630-08-0	CARBON MONOXIDE	3769	BOIL
A-HP-1700-05	0.000000000	TON	630-08-0	CARBON MONOXIDE	3769	BOIL
A-MP-625-72	0.690495053	TON	630-08-0	CARBON MONOXIDE	4643	BOIL
A-MP-625-73	0.690495053	TON	630-08-0	CARBON MONOXIDE	4643	BOIL
A-MP-625-74	0.690495053	TON	630-08-0	CARBON MONOXIDE	4643	BOIL
A-NH-100-05	0.853216000	TON	630-08-0	CARBON MONOXIDE	4663	MWI
A-NH-100-06	0.000000000	TON	630-08-0	CARBON MONOXIDE	4663	BOIL
A-NH-100-06	0.247083102	TON	630-08-0	CARBON MONOXIDE	4663	BOIL
A-NH-100-07	0.247083102	TON	630-08-0	CARBON MONOXIDE	4663	BOIL
A-NH-100-08	0.070590352	TON	630-08-0	CARBON MONOXIDE	4663	BOIL
A-NH-118-01	0.009831428	TON	630-08-0	CARBON MONOXIDE	4663	BOIL
A-PP-2615-09	0.263500267	TON	630-08-0	CARBON MONOXIDE	4645	BOIL
A-PP-2615-10	0.263500267	TON	630-08-0	CARBON MONOXIDE	4645	BOIL
B-BB-9-53	0.210412804	TON	630-08-0	CARBON MONOXIDE	4641	BOIL
B-BB-9-53	0.179517223	TON	630-08-0	CARBON MONOXIDE	4641	BOIL
B-BB-9-54	0.287322312	TON	630-08-0	CARBON MONOXIDE	4641	BOIL
B-BB-9-54	0.245136860	TON	630-08-0	CARBON MONOXIDE	4641	BOIL
B-BB-9-55	0.210412804	TON	630-08-0	CARBON MONOXIDE	4641	BOIL
B-BB-9-55	0.179517223	TON	630-08-0	CARBON MONOXIDE	4641	BOIL
C-CG-650-83	1.142225855	TON	630-08-0	CARBON MONOXIDE	4640	BOIL
C-CG-650-84	1.142225855	TON	630-08-0	CARBON MONOXIDE	4640	BOIL
C-CG-650-85	0.682448728	TON	630-08-0	CARBON MONOXIDE	4640	BOIL
C-RR-15-46	0.350985623	TON	630-08-0	CARBON MONOXIDE	4642	BOIL
C-RR-15-47	0.350985623	TON	630-08-0	CARBON MONOXIDE	4642	BOIL
* Sum for 630-08-0						

	20.969206325					
A-HP-1700-01	93.040153500	TON	CASNOX	NITROGEN OXIDES	3769	BOIL
A-HP-1700-02	93.040153500	TON	CASNOX	NITROGEN OXIDES	3769	BOIL
A-HP-1700-02	5.944631707	TON	CASNOX	NITROGEN OXIDES	3769	BOIL
A-HP-1700-03	93.040153500	TON	CASNOX	NITROGEN OXIDES	3769	BOIL
A-HP-1700-03	5.944631707	TON	CASNOX	NITROGEN OXIDES	3769	BOIL
A-HP-1700-04	93.040153500	TON	CASNOX	NITROGEN OXIDES	3769	BOIL
A-HP-1700-04	5.944631707	TON	CASNOX	NITROGEN OXIDES	3769	BOIL
A-HP-1700-05	0.000000000	TON	CASNOX	NITROGEN OXIDES	3769	BOIL
A-MP-625-72	7.609960493	TON	CASNOX	NITROGEN OXIDES	4643	BOIL
A-MP-625-73	7.609960493	TON	CASNOX	NITROGEN OXIDES	4643	BOIL
A-MP-625-74	7.609960493	TON	CASNOX	NITROGEN OXIDES	4643	BOIL
A-NH-100-06	0.000000000	TON	CASNOX	NITROGEN OXIDES	4663	BOIL
A-NH-100-06	2.723108062	TON	CASNOX	NITROGEN OXIDES	4663	BOIL
A-NH-100-07	2.723108062	TON	CASNOX	NITROGEN OXIDES	4663	BOIL
A-NH-100-08	0.777977750	TON	CASNOX	NITROGEN OXIDES	4663	BOIL
A-NH-118-01	0.039325711	TON	CASNOX	NITROGEN OXIDES	4663	BOIL
A-PP-2615-09	2.904041977	TON	CASNOX	NITROGEN OXIDES	4645	BOIL
A-PP-2615-10	2.904041977	TON	CASNOX	NITROGEN OXIDES	4645	BOIL

SUMMARY OF EMISSIONS BY SOURCE

Station No.	Annual Avg. Emissions	UNITS	CAS Number	Chemical Name	PERMIT NO.	Station Type
B-BB-9-53	0.841651216	TON	CASNOX	NITROGEN OXIDES	4641	BOIL
B-BB-9-53	1.978463084	TON	CASNOX	NITROGEN OXIDES	4641	BOIL
B-BB-9-54	1.149289246	TON	CASNOX	NITROGEN OXIDES	4641	BOIL
B-BB-9-54	2.701658490	TON	CASNOX	NITROGEN OXIDES	4641	BOIL
B-BB-9-55	0.841651216	TON	CASNOX	NITROGEN OXIDES	4641	BOIL
B-BB-9-55	1.978463084	TON	CASNOX	NITROGEN OXIDES	4641	BOIL
C-CG-650-83	12.588495156	TON	CASNOX	NITROGEN OXIDES	4640	BOIL
C-CG-650-84	12.588495156	TON	CASNOX	NITROGEN OXIDES	4640	BOIL
C-CG-650-85	7.521281782	TON	CASNOX	NITROGEN OXIDES	4640	BOIL
C-RR-15-46	3.868219924	TON	CASNOX	NITROGEN OXIDES	4642	BOIL
C-RR-15-47	3.868219924	TON	CASNOX	NITROGEN OXIDES	4642	BOIL
* Sum for CASNOX						

	474.821882415					
A-FC-280-04	0.004652640	TON	CASPM	PARTICULATE MATTER	6591	WLDFUG
A-FC-280-04	0.002278800	TON	CASPM	PARTICULATE MATTER	6591	WLDFUG
A-FC-280-04	0.000015480	TON	CASPM	PARTICULATE MATTER	6591	WLDFUG
A-FC-280-04	0.000086760	TON	CASPM	PARTICULATE MATTER	6591	WLDFUG
A-FC-286-05	0.011603928	TON	CASPM	PARTICULATE MATTER	6591	WLDBTH
A-FC-286-06	0.011603928	TON	CASPM	PARTICULATE MATTER	6591	WLDBTH
A-FC-286-07	0.011603928	TON	CASPM	PARTICULATE MATTER	6591	WLDBTH
A-FC-286-08	0.089485500	TON	CASPM	PARTICULATE MATTER	6591	BLAST
A-HP-1202-02	0.052000000	TON	CASPM	PARTICULATE MATTER	5790	DSTCLT
A-HP-1202-04	0.008650000	TON	CASPM	PARTICULATE MATTER	5790	DSTCLT
A-HP-1700-01	0.000886390	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-1700-01	19.937175750	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-1700-02	19.937175750	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-1700-02	2.141131331	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-1700-03	19.937175750	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-1700-03	2.141131331	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-1700-04	19.937175750	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-1700-04	2.141131331	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-1700-05	0.000000000	TON	CASPM	PARTICULATE MATTER	3769	BOIL
A-HP-20-03	0.015911251	TON	CASPM	PARTICULATE MATTER	5790	SILO
A-HP-670-05	0.002087856	TON	CASPM	PARTICULATE MATTER	5790	SILO
A-MP-625-72	3.338429535	TON	CASPM	PARTICULATE MATTER	4643	BOIL
A-MP-625-73	3.338429535	TON	CASPM	PARTICULATE MATTER	4643	BOIL
A-MP-625-74	3.338429535	TON	CASPM	PARTICULATE MATTER	4643	BOIL
A-NH-100-05	0.077168000	TON	CASPM	PARTICULATE MATTER	4663	MWI
A-NH-100-06	0.000000000	TON	CASPM	PARTICULATE MATTER	4663	BOIL
A-NH-100-06	1.194605989	TON	CASPM	PARTICULATE MATTER	4663	BOIL
A-NH-100-07	1.194605989	TON	CASPM	PARTICULATE MATTER	4663	BOIL
A-NH-100-08	0.341292692	TON	CASPM	PARTICULATE MATTER	4663	BOIL
A-NH-118-01	0.003932571	TON	CASPM	PARTICULATE MATTER	4663	BOIL
A-PP-2615-09	1.273980268	TON	CASPM	PARTICULATE MATTER	4645	BOIL
A-PP-2615-10	1.273980268	TON	CASPM	PARTICULATE MATTER	4645	BOIL
B-BB-9-53	0.084165122	TON	CASPM	PARTICULATE MATTER	4641	BOIL
B-BB-9-53	0.867936121	TON	CASPM	PARTICULATE MATTER	4641	BOIL
B-BB-9-54	0.114928925	TON	CASPM	PARTICULATE MATTER	4641	BOIL
B-BB-9-54	1.185196231	TON	CASPM	PARTICULATE MATTER	4641	BOIL
B-BB-9-55	0.084165122	TON	CASPM	PARTICULATE MATTER	4641	BOIL

SUMMARY OF EMISSIONS BY SOURCE

Station No.	Annual Avg. Emissions	UNITS	CAS Number	Chemical Name	PERMIT NO.	Station Type
B-BB-9-55	0.867936121	TON	CASPM	PARTICULATE MATTER	4641	BOIL
C-CG-650-83	5.522473352	TON	CASPM	PARTICULATE MATTER	4640	BOIL
C-CG-650-84	5.522473352	TON	CASPM	PARTICULATE MATTER	4640	BOIL
C-CG-650-85	3.299526885	TON	CASPM	PARTICULATE MATTER	4640	BOIL
C-RR-15-46	1.696957514	TON	CASPM	PARTICULATE MATTER	4642	BOIL
C-RR-15-47	1.696957514	TON	CASPM	PARTICULATE MATTER	4642	BOIL
* Sum for CASPM						

	122.700534093					
A-FC-230-07	0.003415230	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-280-01	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-280-02	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-280-03	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-280-06	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-280-07	0.246655500	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-280-07	0.374802519	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-280-07	0.299781300	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-280-07	0.029273400	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-280-07	0.230392500	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-280-08	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-280-09	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-280-10	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-280-11	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-281-04	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-285-01	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-285-02	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-285-03	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-285-04	0.385200000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PRTCLN
A-FC-286-01	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-02	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-03	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-03	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-03	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-03	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-04	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-04	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-04	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-FC-286-04	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	6591	PNTBTH
A-HP-1202-78	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1202-78	4.453459920	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1202-78	1.083363498	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1202-78	1.491592320	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1202-78	0.226508562	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1202-78	0.533301300	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1202-78	0.982535400	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1202-78	0.155088000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1202-78	0.059805000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-1700-01	0.310133845	TON	CASVOCP	VOLATILE ORGANIC COM	3769	BOIL
A-HP-1700-02	0.310133845	TON	CASVOCP	VOLATILE ORGANIC COM	3769	BOIL
A-HP-1700-02	0.067425689	TON	CASVOCP	VOLATILE ORGANIC COM	3769	BOIL
A-HP-1700-03	0.310133845	TON	CASVOCP	VOLATILE ORGANIC COM	3769	BOIL

SUMMARY OF EMISSIONS BY SOURCE

Station No.	Annual Avg. Emissions	UNITS	CAS Number	Chemical Name	PERMIT NO.	Station Type
A-HP-1700-03	0.067425689	TON	CASVOCP	VOLATILE ORGANIC COM	3769	BOIL
A-HP-1700-04	0.310133845	TON	CASVOCP	VOLATILE ORGANIC COM	3769	BOIL
A-HP-1700-04	0.067425689	TON	CASVOCP	VOLATILE ORGANIC COM	3769	BOIL
A-HP-1700-05	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	3769	BOIL
A-HP-25-01	6.120000000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	DRYCLN
A-HP-908-79	0.074100000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-908-79	0.050550000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-908-79	0.018216000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-908-79	0.007590000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-908-79	0.088880000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-908-79	0.136200000	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-908-79	0.010606950	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-HP-908-79	0.009012500	TON	CASVOCP	VOLATILE ORGANIC COM	5790	PNTBTH
A-MP-625-72	0.038775548	TON	CASVOCP	VOLATILE ORGANIC COM	4643	BOIL
A-MP-625-73	0.038775548	TON	CASVOCP	VOLATILE ORGANIC COM	4643	BOIL
A-MP-625-74	0.038775548	TON	CASVOCP	VOLATILE ORGANIC COM	4643	BOIL
A-NH-100-05	0.000307857	TON	CASVOCP	VOLATILE ORGANIC COM	4663	MWI
A-NH-100-06	0.000000000	TON	CASVOCP	VOLATILE ORGANIC COM	4663	BOIL
A-NH-100-06	0.013875237	TON	CASVOCP	VOLATILE ORGANIC COM	4663	BOIL
A-NH-100-07	0.013875237	TON	CASVOCP	VOLATILE ORGANIC COM	4663	BOIL
A-NH-100-08	0.015962323	TON	CASVOCP	VOLATILE ORGANIC COM	4663	BOIL
A-NH-118-01	0.000669083	TON	CASVOCP	VOLATILE ORGANIC COM	4663	BOIL
A-PP-2615-09	0.014797162	TON	CASVOCP	VOLATILE ORGANIC COM	4645	BOIL
A-PP-2615-10	0.014797162	TON	CASVOCP	VOLATILE ORGANIC COM	4645	BOIL
B-BB-9-53	0.008416512	TON	CASVOCP	VOLATILE ORGANIC COM	4641	BOIL
B-BB-9-53	0.010080997	TON	CASVOCP	VOLATILE ORGANIC COM	4641	BOIL
B-BB-9-54	0.011492893	TON	CASVOCP	VOLATILE ORGANIC COM	4641	BOIL
B-BB-9-54	0.013765944	TON	CASVOCP	VOLATILE ORGANIC COM	4641	BOIL
B-BB-9-55	0.008416512	TON	CASVOCP	VOLATILE ORGANIC COM	4641	BOIL
B-BB-9-55	0.010080997	TON	CASVOCP	VOLATILE ORGANIC COM	4641	BOIL
C-CG-650-83	0.064143014	TON	CASVOCP	VOLATILE ORGANIC COM	4640	BOIL
C-CG-650-84	0.064143014	TON	CASVOCP	VOLATILE ORGANIC COM	4640	BOIL
C-CG-650-85	0.038323697	TON	CASVOCP	VOLATILE ORGANIC COM	4640	BOIL
C-RR-15-46	0.019710003	TON	CASVOCP	VOLATILE ORGANIC COM	4642	BOIL
C-RR-15-47	0.019710003	TON	CASVOCP	VOLATILE ORGANIC COM	4642	BOIL
* Sum for CASVOCP						

	23.594436636					
	==========					
	642.086059469					

CALCULATION APPROACHES

CL No. 1	Particulate Matter Emissions from Sand Blasting
CL No. 2	Particulate Matter Emissions from Woodworking
CL No. 8	Bead and Silica Blasting in the FMC
CL No. 9	Emissions from Lime Storage Equipment
DoD No. 2	Criteria Pollutant Emissions from Boilers
DoD No. 4	Emissions from Parts Cleaners
DoD No. 5	Emissions form Welding Operations
DoD No. 7	Particulate Matter/VOC Emissions from Spray Booths
DoD No. 16	Emissions from Dry Cleaning Operations

RADIAN CORPORATION

CALCULATION SHEET

CALC. NO. 1

SIGNATURE_____ DATE_____ CHECKED_____ DATE_____

PROJECT Camp Lejeune - Inventory Update JOB NO._____

SUBJECT Particulate Matter Emissions from Sand Blasting SHEET 1 OF 1 SHEETS

Building HP-1113 has a vehicle sandblasting facility used by base personnel for privately-owned vehicles. This facility consists of a tin structure with a concrete floor, one overhead intake fan,and two 24-inch exhaust fans at ground level. Emissions of particulate matter are estimated based on annual silica usage (from purchase records) and the following conservative assumptions:

- All silica purchased is either emitted or disposed of with paint chips from vehicles.
- Ten percent of all sand is disposed of with paint chips.
- The booth is used 2 hours/day, 5 days/week, 52 weeks/year.
- Maximum annual usage equals actual annual usage.
- Particulate matter emissions are primarily silica and any constituents of the paint removed that are listed as toxic or hazardous air pollutants are disposed of as solid waste when the silica is filtered for reuse.

$$\text{Maximum annual emissions} = \left(\text{Total silica used}\right)(1 - 0.10)$$

$$= \left(3{,}000\ \frac{\text{lb}}{\text{yr}}\right)(1 - 0.10)$$

$$= 2{,}700\ \frac{\text{lb}}{\text{year}}\ .$$

$$\text{Maximum daily emissions} = \left(\text{Maximum annual emissions}\right)\left(\frac{1\ \text{year}}{260\ \text{days}}\right)$$

$$= \left(2{,}700\ \frac{\text{lb}}{\text{yr}}\right)\left(\frac{1\ \text{yr}}{260\ \text{days}}\right)$$

$$= 10.38\ \frac{\text{lb}}{\text{day}}$$

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CALCULATION SHEET

CALC. NO. 2

SIGNATURE_____ DATE_____ CHECKED_____ DATE_____

PROJECT Camp Lejeune - Inventory Update JOB NO._____

SUBJECT Particulate Matter Emissions from Woodworking SHEET 1 OF 6 SHEETS

Building HP-1202 has a woodworking shop where numerous pieces of equipment are connected to a central dust collection system. The system pneumatically conveys the sawdust generated to two cyclones. The emission rates calculated below are based on the quantity of sawdust collected and disposed of.

Assumptions:

- The control efficiency of a conventional cyclone with an inlet particle size distribution between 20 and 100 μm diameter is 99%.[1]
- Density of Southern Pine wood is 34.22 lb/ft^3 and, assuming 50% sawdust "fluff," density of the sawdust is 17.16 lb/ft^3.[2]
- The woodworking shop is operated 7 hours/shift, 5 days/week, and 52 weeks/year.
- Hopper No. 1 is emptied once per month, Hopper No. 2 is emptied once per 6 months.
- Each hopper is two-thirds full when emptied.

The amount of material collected is calculated from the volume of sawdust collected (which is based on the volume of the hopper).

$$\text{Mass} = \left(\begin{array}{c}\text{Volume of}\\ \text{material}\end{array}\right)\left(\begin{array}{c}\text{Density of}\\ \text{material}\end{array}\right)$$

$$= (49.79\ \text{ft}^3)\left(17.16\ \frac{\text{lb}}{\text{ft}^3}\right)$$

$$= 854\ \text{lb}$$

The emission of particulate matter from the Building HP-1202 woodworking shop is the sum of the emissions from both hoppers.

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[1] Air Pollution Control: A Design Approach, C. David Cooper and F. C. Alley, 1986.

[2] Wood Technology and the Design of Structures, Robert J. Hoyle, Jr.

Emissions of Particulate Matter from Woodworking in Building PP-1919

Except where noted, the same assumptions apply here as for Building HP-1202. There is only one cyclone in Building PP-1919.

Assumptions:

- The hopper is emptied once per month.
- The hopper is two-thirds full when emptied.

$$\text{Mass of material collected} = (18.81\ ft^3)\left(17.16\ \frac{lb}{ft^3}\right)$$

$$= 323\ lb$$

Emission Rates:

$$\text{Annual emissions} = 323\ lb\left(\frac{12}{yr}\right)\left(\frac{1}{0.99}\right)(0.01)$$

$$= 39.2\ \frac{lb}{yr}$$

$$\text{Daily emissions} = 323\ lb\left(\frac{1}{20\ days}\right)\left(\frac{1}{0.99}\right)(0.01)$$

$$= 0.163\ \frac{lb}{day}$$

Emissions of Particulate Matter from Woodworking in Building RR-7

Except where noted, the same assumptions apply as for Building HP-1202. There is one cyclone in Building RR-7.

Assumptions:

- The hopper is emptied once every 2 weeks.
- The hopper holds 7.35 ft^3 of sawdust.

Emissions of Particulate Matter from Woodworking in Building BB-15

Except where noted, the same assumptions apply as for Building HP-1202. There is one cyclone in Building BB-15.

Assumptions:

- The hopper is emptied once per 4 months.
- The hopper holds 7.35 ft^3 of sawdust.

$$\text{Mass} = (7.35\ ft^3)\left(17.16\ \frac{lb}{ft^3}\right) = 126\ lb$$

Emission Rates:

$$\text{Annual emissions} = 126\ lb\left(\frac{3}{yr}\right)\left(\frac{1}{0.99}\right)(0.01) = 3.82\ \frac{lb}{year}$$

$$\text{Daily emissions} = 126\ lb\left(\frac{1}{80\ days}\right)\left(\frac{1}{0.99}\right)(0.01) = 0.0159\ \frac{lb}{day}$$

Emissions of Particulate Matter from Woodworking in Building TT-41

Except where noted, the same assumptions apply as for Building HP-1202. There is one cyclone in Building TT-41.

Assumptions:

- The hopper is emptied once every 2 weeks.
- The hopper holds 7.35 ft^3 of sawdust.

$$\text{Mass} = 7.35\ ft^3\left(17.16\ \frac{lb}{ft^3}\right) = 126\ lb$$

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CALCULATION SHEET

CALC. NO. 8

SIGNATURE _____ DATE _____ CHECKED _____ DATE _____

PROJECT Camp Lejeune - Inventory Update JOB NO. _____

SUBJECT Bead and Silica Blasting in FMC SHEET 1 OF 1 SHEETS

The bead and silica blast operation in the Field Maintenance Complex, to strip paint and rust from vehicles before painting, includes a cyclone for material recovery from the exhaust and a baghouse for particulate matter emissions control.

The baghouse is designed to remove 99.9% of the particulate matter. Based on a design baghouse inlet loading of 0.2 gr/ft^3 and a design flow rate of 52,200 ft^3/min, emissions of particulate matter from this operation were calculated to be:

$$\left(0.2\ \frac{gr}{cf}\right) * \left(52{,}200\ \frac{cf}{min}\right) * (1 - 0.999) * \left(\frac{lb}{7{,}000\ gr}\right) = 0.0015\ \frac{lb}{min}$$

$$= 0.089\ \frac{lb}{hr}$$

Assuming operation of $8\ \frac{hr}{day},\ 250\ \frac{day}{yr} \rightarrow 180\ \frac{lb}{yr}\ \ 0.089\ \frac{tons}{yr}$

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CALCULATION SHEET

CALC. NO. 9

SIGNATURE_____ DATE_____ CHECKED_____ DATE_____

PROJECT Camp Lejeune - Inventory Update JOB NO._____

SUBJECT Emissions from Lime Storage Equipment SHEET 1 OF 4 SHEETS

There are three lime storage areas at Camp Lejeune. Each is located at one of the water treatment plants in Buildings AS-110, HP-20, and HP-670. The lime storage equipment is fitted with baghouses to control particulate matter (PM) emissions. Emission estimates of PM are presented below.

General Information:

- Lime unloading is similar to cement unloading at central storage silos which has uncontrolled emissions of 0.27 lb PM/ton.[1]
- According to the permit application for this source, the grain loading rate of the fabric filters is 0.01 gr/scf.
- Water treatment is predominantly a continuous process; therefore, maximum, actual, and potential emissions are assumed to be equal.

Uncontrolled Emission Rate:

$$\text{UER, } \frac{\text{lb}}{\text{hr}} \text{ PM} = \text{mass transferred, } \frac{\text{lb}}{\text{hr}} * \frac{1 \text{ ton}}{2{,}000 \text{ lb}} * \text{emission factor, } \frac{\text{lb PM}}{\text{ton}}$$

Controlled Emission Rate:

$$\text{CER, } \frac{\text{lb}}{\text{hr}} = \text{flow rate, } \frac{\text{ft}^3}{\text{min}} * \frac{60 \text{ min}}{1 \text{ hr}} * \text{grain loading, } \frac{\text{gr}}{\text{scf}} * \frac{1 \text{ lb}}{7{,}000 \text{ gr}}$$

Emissions from Lime Storage in AS-110

To calculate particulate matter emissions from lime storage in AS-110, the following information from the permit application for this source was used.

- Maximum lime transfer rate is 24 tons/hr.
- Lime is transferred 3 hr/day, 3 days/week, 52 weeks/yr.
- Peak flow rate is 775 ft^3/min.

[1] AP-42, Section 8.10.

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CALCULATION SHEET

CALC. NO. 9

SIGNATURE_____ DATE_____ CHECKED_____ DATE_____

PROJECT Camp Lejeune - Inventory Update JOB NO._____

SUBJECT Emissions from Lime Storage Equipment SHEET 3 OF 4 SHEETS

Emissions from Lime Storage in HP-20

The following information in the permit application for this source was used.

- Maximum lime transfer rate is 24 tons/hr.
- Lime is transferred 3 hr/day, 4 days/week, 52 weeks/yr.
- Peak flow rate is 600 ft^3/min.

Emission Rates:

$$UER = 24\ \frac{tons}{hr} * 0.27\ \frac{lb\ PM}{ton} = 6.48\ \frac{lb\ PM}{hr}$$

$$CER = 600\ \frac{ft^3}{min} * 60\ \frac{min}{hr} * 0.01\ \frac{gr}{scf} * \frac{1\ lb}{7000\ gr} = 0.051\ \frac{lb\ PM}{hr}$$

$$Daily\ CER = 0.051\ \frac{lb\ PM}{hr} * 3\ \frac{hr}{day} = 0.15\ \frac{lb\ PM}{day}$$

$$Annual\ CER = 0.15\ \frac{lb\ PM}{day} * 4\ \frac{days}{wk} * 52\ \frac{wks}{yr} = 32\ \frac{lb\ PM}{yr}$$

Control Efficiency:

$$CE = \left[1 - \frac{\left(0.051\ \frac{lb\ PM}{hr}\right)}{\left(6.48\ \frac{lb\ PM}{hr}\right)}\right] * 100\% = 99\%$$

Combustion sources under consideration fire coal, residual fuel oil (No. 6), or distillate fuel oil (No. 2). The criteria pollutant emissions from these combustion sources were estimated using factors presented in the U.S. Environmental Protection Agency's AP-42, a compendium of emission factors for different types of processes. Boilers are classified by heat content according to the following criteria:

Utility	Heat input rate greater than 100 MMBtu/hr
Industrial	Heat input rate between 10 and 100 MMBtu/hr
Commercial	Heat input rate between 0.5 and 10 MMBtu/hr

The calculations for all combustion sources are described below, and all follow the same general procedure: application of pollutant emission factor to maximum firing rate. This rate can be used to estimate the maximum potential-to-emit on an hourly or annual (if multiplied by 8,760 hours/yr) basis. Actual annual emissions are calculated using the actual fuel used for the boiler or the known firing rate and annual hours of operation.

Short-term Emission Rate (lb/hr) = EF * (heat input rate)

Annual Emission Rate (lb/yr) = EF * (heat input rate) * 8760 hr/yr

where

EF = pollutant emission factor in lb/MMBtu and
heat input rate = maximum firing rate in MMBtu/hr.

The emission factors from AP-42 are shown in Table 1. The factors in the table are given in units that cannot be directly applied to most combustion sources. The published factors were converted to a format more easily used for estimating emissions based on heat input rate using typical characteristics for coal and oil. The converted emission factors are shown in Table 2.

The factors for coal-fired boilers are expressed in lb/ton of coal fired. To make this application simpler, the emission factor was converted to a heat input basis using the characteristics for the coal supplied to an east coast military installation. The key data include:

Heat content, Btu/lb	12,500
Ash content, %	9.0
Sulfur content, %	0.95

RADIAN CORPORATION

CALCULATION SHEET

CALC. NO. 2

SIGNATURE _____ DATE _____ CHECKED _____ DATE _____

PROJECT DoD _____ JOB NO. _____

SUBJECT Criteria Pollutant Emissions from Boilers _____ SHEET 3 OF 5 SHEETS

Table 2

Converted Emission Factors for Fuel-Fired Sources

Pollutant	Pulverized Coal Utility (lb/MMBtu)	Residual Oil Utility (lb/MMBtu)	Residual Oil Industrial (lb/MMBtu)	Residual Oil Commercial (lb/MMBtu)	Distillate Oil Industrial (lb/MMBtu)	Distillate Oil Commercial (lb/MMBtu)	Natural Gas Utility (lb/MMBtu)	Natural Gas Industrial (lb/MMBtu)	Natural Gas Commercial (lb/MMBtu)
Particulate matter	3.60	0.161	0.161	0.161	0.014394	0.014394	0.00286	0.013048	0.011429
Sulfur oxides	1.48								
Sulfur dioxide	1.47	2.21	2.21	2.21	0.511	0.511	0.000571	0.000571	0.000571
Sulfur trioxide	0.01062	0.0408	0.0281	0.0281	0.00720	0.00720			
Nitrogen oxides	0.840	0.447	0.367	0.367	0.1439	0.1439	0.524	0.133	0.0952
Carbon monoxide	0.0240	0.0333	0.0333	0.0333	0.0360	0.0360	0.0381	0.0333	0.02
Volatile organic compounds	0.0028	0.0051	0.0019	0.0075	0.00144	0.00245	0.00133	0.00267	0.0069

$$PM, \frac{lb}{hr} = 452 \frac{lb}{hr} * (1 - 0.95) = 22.6 \frac{lb}{hr}$$

$$SO_2, \frac{lb}{hr} = 147 \frac{lb}{MMBtu} * 125.52 \frac{MMBtu}{hr} = 184.5 \frac{lb}{hr}$$

This same approach was used to convert emission factors for oil-fired boilers to a heat input basis. For oil-fired boilers, the density of the fuel was used to convert the emission factors from a volume basis to a weight basis before following the procedure shown above for coal-fired boilers to convert to a heat input basis.

RADIAN CORPORATION

CALCULATION SHEET

CALC. NO. 4

SIGNATURE_____ DATE_____ CHECKED_____ DATE_____

PROJECT DoD JOB NO._____

SUBJECT Emissions from Parts Cleaners SHEET 1 OF 3 SHEETS

Maintenance operations at military installations require the use of parts cleaners to remove lubricants from metal parts before installation into equipment or before coating. Numerous parts cleaners of varying dimensions and descriptions are located at these installations, and the solvent or solvent mixture used can vary depending upon the application and activity using the parts cleaners. The estimates of emissions for parts cleaners depend upon the number of cleaners and the composition and amount of material used in them over the period of interest.

Emissions from parts cleaners can be calculated using a material balance approach if data are available. The amount of solvent used is determined from the amount delivered to the location and the amount taken from the location. The total amount of solvent is determined from records, and the VOC and specific toxic and hazardous air pollutant emissions are calculated using data from the material safety data sheets (MSDSs). Typical solvents include Safety Kleen, Citrosol®, and those procured under the MILSPEC PD-680. The amount of material used in the machine is based on information from the user at the activity or the supplier. For example, Safety Kleen provides many installations with machines and a service whereby the solvent is exchanged on a regular schedule to ensure that the operation always maintains adequate fresh solvent. Records are generally maintained (by the vendor in this case) of the amount used and the frequency of replacement. Often, the amount of material removed from a site is not known. In this case, the losses to the atmosphere are based on the amount delivered and information on typical losses.

The solvent consumption for a given type of parts cleaner may only be available for all the parts cleaners of that design (i.e., total solvent consumption for all parts cleaners of that design). In that case, emissions are estimated based on the total amount of solvent used and computed on a single parts cleaner basis. For example, if 276,000 lb of Safety Kleen solvent are used annually in an estimated 100 Safety Kleen parts cleaners, the per cleaner usage is 2,760 lb. For services such as Safety Kleen, emissions are calculated using the vendor supplied estimate of the loss rate (e.g., 8% per week). (For operations that use parts cleaners not associated with a service, the emissions are based on records of usage.) Assuming the solvent is changed monthly, an estimated 35% of the solvent is lost through evaporation. This fraction is applied to the total usage per parts cleaner to estimate VOC emissions:

$$\text{VOC}\left(\frac{\text{lb}}{\text{yr}}\right) = \left(2{,}760\ \frac{\text{lb used}}{\text{yr}}\right) * \left(0.35\ \frac{\text{lb lost}}{\text{lb used}}\right) = 966\ \frac{\text{lb VOC emitted}}{\text{yr}}$$

Because most parts cleaning operations are tied to maintenance which is typically a weekday operation, daily emissions are estimated assuming that annual emissions are distributed equally for the 250 days annually.

RADIAN CORPORATION

CALCULATION SHEET

CALC. NO. 4

SIGNATURE _____ DATE _____ CHECKED _____ DATE _____

PROJECT DoD JOB NO. _____

SUBJECT Emissions from Parts Cleaners SHEET 3 OF 3 SHEETS

$$\text{Methyl chloroform}\left(\frac{\text{lb}}{\text{day}}\right) = \left(3.86\ \frac{\text{lb VOC}}{\text{day}}\right) * \left(0.005\ \frac{\text{lb methyl chloroform}}{\text{lb VOC}}\right)$$

$$= 0.0386\ \frac{\text{lb methyl chloroform}}{\text{day}}$$

$$\text{Perchloroethylene}\left(\frac{\text{lb}}{\text{yr}}\right) = \left(966\ \frac{\text{lb VOC}}{\text{yr}}\right) * \left(0.005\ \frac{\text{lb perchloroethylene}}{\text{lb VOC}}\right)$$

$$= 0.0193\ \frac{\text{lb perchloroethylene}}{\text{yr}}$$

RADIAN CORPORATION

CALCULATION SHEET

CALC. NO. 5

SIGNATURE _____ DATE _____ CHECKED _____ DATE _____ Rev. 1

PROJECT DoD JOB NO. _____

SUBJECT Emissions from Welding Operations SHEET 1 OF 3 SHEETS

Welding is performed at various locations at military installations. Welding operations are usually conducted inside and emissions released to the work place, or some of the particulate matter (PM) generated may be captured and released out of doors. For simplicity, all emissions generated from welding operations are assumed to be released to the atmosphere. This ensures a conservative estimate.

Emissions are related to the amount of fume generated and the metals contained in the rods or wires used. (Emissions from flux use is assumed to be negligible and is not estimated.) Emissions are estimated using factors developed by the American Welding Society (AWS) and presented in an EPA guidance document for preparing Section 313 release reports under the Superfund Amendments and Reauthorization Act (SARA).[1] The emission factors are summarized for the common rod types in Table 1.

Emission factors are presented in this guidance document in terms of pounds of pollutants emitted per 1,000 pounds of rods consumed for different types and sizes of rods. Not all of a rod is used when welding; some scrap is left. For these calculations, an 80% use is assumed. (If more precise data are available, they should be substituted for the assumed 80% use. Use may be as low as 50-60%. The 80% use rate is assumed to yield a more conservative estimate of emissions.) If data are available to estimate emissions on a rod weight basis, these factors can be used directly. For example, the PM emissions for 100 rods/day use of 1/8" E6010 in an 8-hr day are estimated as follows:

$$\text{Emissions Rate} = (\text{rod consumption}) * (\text{use fraction}) * (\text{emission factor})$$

$$\text{PM } \frac{\text{lb}}{\text{hr}} = \left(100 \frac{\text{rods}}{\text{day}}\right)\left(0.8 \frac{\text{lb used}}{\text{lb rod}}\right)\left(1.199 \frac{\text{lb PM}}{1{,}000 \text{ rods}}\right)\left(\frac{\text{day}}{8 \text{ hr}}\right)$$

$$= 0.012 \frac{\text{lb PM}}{\text{hr}}$$

Daily rod consumption is often unknown and is estimated from the annual rod use and assumptions for number of hours for welding annually. The usage rate may be based on data provided from operations personnel at the activity as to maximum potential welding during a short-term period. For example, a typical or average rod consumption rate is 32 rods daily, with a maximum expected consumption of 100 rods daily. To prepare emission estimates when data are not available, welding operations are assumed 5 days per week and 50 weeks

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[1] Section 313 Reporting: Clarification and Guidance for the Metal Fabrication Industry, Office of Toxic Substances, U.S. Environmental Protection Agency, January 1990.

annually. For the potential to emit each pollutant, the emission calculation will be based on use of the rod that results in the worst-case emission of that pollutant.

Some rod consumption rates are listed in terms of rod count instead of weight of rods used. The published emission factors are converted to a rod count basis to facilitate emission estimates. The weight basis is adjusted based on the estimated weight of each rod, which is calculated using the rod diameter and length and the density of the rod material. The following calculation is used:

$$\text{Count-based EF} = (\text{weight-based EF}) * (\text{volume of rod}) * (\text{density of rod})$$

where the volume of the rod is calculated assuming the rod is a solid cylinder. The resulting set of count-based emission factors are shown in Table 1 with the weight-based emission factors.

The metal toxic air pollutant factors are taken directly from the AWS data. The exception is for chromium^{+6} which is assumed to be 1/279 of total chromium estimated using the AWS factors. This partitioning factor is used to estimate hexavalent chromium emissions from combustion processes.[2] Welding is assumed to be conducted under such conditions to make this assumption plausible.

[2] Memorandum from James Roller, North Carolina Department of Health and Natural Resources, to Donald Incheck, March 12, 1993.

SPRAY COATING

Emissions from spray coating operations at Camp Lejeune were estimated as described in DoD Calculation Nos. 6 and 7. However, because of the inordinate number of coating materials used at Camp Lejeune (more than 200), an effort was made to simplify the calculation. The coatings were grouped according to general type, and the compositions of the coatings within each type were compared. Representative compositions of "surrogate" coatings were developed to minimize the number of coatings used in the calculations. The development of these surrogate coatings is described below:

Approach:

- Material safety data sheets (MSDS) and/or hazardous materials information system (HMIS) sheets were obtained for every spray coating material used at Camp Lejeune, with a few exceptions.

- The MSDS or HMIS sheet for each spray coating material was used to list the specific gravity, weight percent VOC, and specific hazardous and toxic air pollutant composition by weight for each spray coating material. If more than one source of information existed, the most recently updated source was used.

- All values listed represent maximums for the particular quantity except for the specific gravity which was listed as an average value.

- The VOC weight percent is based on paint density instead of being based on aerosol density as is done on some MSDS and HMIS sheets.

- If no information was found for the specific gravity or the VOC weight percent for a particular material, NIF was recorded in the blank.

- After all the information was recorded for the spray coating materials, the materials were grouped according to product type: Enamel, Epoxy, Lacquer, Latex, Miscellaneous, Polyurethane, Primer, Reducer, Sealant, Solvent, Thinner, and Paint Booth AS116 materials.

- Separate lists containing all this information were made for each grouping. If the spray coating materials within each grouping contained chromium compounds, then two lists of each grouping were made, one containing chromium compounds and one without them.

Criteria pollutants are emitted from the spray booths used for coating vehicles, equipment, and miscellaneous parts associated with military operations. The coating operations range from touch-up work with application by a brush or aerosol can to larger spray operations in spray booths capable of accommodating heavy equipment.

Military personnel involved in these operations will be interviewed to determine the type of coating done and the quantity of coatings used. This information along with information in the material safety data sheets (MSDSs) enables the determination of pollutant emission rates.

Emissions of volatile organic compounds (VOC) and particulate matter can be estimated in different ways, depending upon available information. This calculation describes two approaches: the first is applicable when weight percent of volatile constitutents is available; the second approach is applicable when only percent volatiles by volume is given.

APPROACH I

Volatile Organic Compounds

The emission rate of VOC is calculated assuming all solvent constituents are vaporized during the coating process. Information from the MSDS is used to calculate the density of the volatile fraction of the coating and the fraction of solids contained in the coating mixture.

1. The product density, percent VOC, and the pounds of VOC per gallon of paint are obtained from the MSDS.

   Example: White Lacquer Spray Aerosol

Product density:	8.4 lb/gal
Percent VOC by weight:	75%
Pounds of VOC per gallon of paint:	6.3

2. Calculate the pounds of solids per gallon of paint for each paint based on the following equation:

$$\text{Pounds of solids per gallon of paint} = \text{Product density} - \text{Pounds of VOC per gallon of paint}$$

have a 65% transfer efficiency, owing to the equipment used and the large articles coated. Higher (80%) and lower (50%) transfer efficiencies are possible.

Not all particulate matter that is not applied to the article being coated reaches the filter. Because the articles are large and the filters are not in the line of the spray, only 10% of the overspray reaches the filter.

The efficiency of the filter collecting the particulate matter reaching the filter is relatively high. These filters are usually a fibrous pad design, and the particulate matter is at low velocity when it reaches the pad. Most spray booth filter pads achieve 90% collection of particulate matter. Some filters are guaranteed to achieve 95% reduction.

To calculate the particulate matter emissions, the following assumptions and equations were used with the 15-min, 24-hour, and annual consumption rates introduced in the VOC section.

15-minute:

$$\left(\begin{array}{c}\text{Pounds of solids}\\ \text{per gallon of paint}\end{array}\right)\left(\begin{array}{c}\text{15-min}\\ \text{consumption}\end{array}\right)\left(1 - \begin{array}{c}\text{Transfer}\\ \text{efficiency}\end{array}\right)\left(\begin{array}{c}\text{\% of PM}\\ \text{reaching filter}\end{array}\right)\left(1 - \begin{array}{c}\text{Collection}\\ \text{efficiency}\end{array}\right)$$

Example: White Lacquer Spray Aerosol

$$\text{Particulate matter} = \left(2.1 \begin{array}{c}\text{Pounds of solids}\\ \text{per gallon of paint}\end{array}\right)\left(0.25 \frac{\text{gal}}{\text{15 min}}\right)\left(1 - \frac{50\%}{100}\right)\left(\frac{10\%}{100}\right)\left(1 - \frac{90\%}{100}\right)$$

$$= 0.0026 \frac{\text{lb solids}}{\text{15-min}}$$

The 24-hour and annual particulate matter emission rate equations are the same as the 15-min equation except the consumption rate for those time periods are used.

When calculating the total emissions of a pollutant from each spray booth, the following assumptions are made.

15-minute emissions:

It is only possible to spray one type of paint in a 15-minute period. Therefore, the paint with the highest emissions for each pollutant was used as the worst case.

Example: White Lacquer Spray Aerosol

Compound	Wt %	(i) Wt % of VOC	Density of Compound (lb/gal)	(ii) Density of Volatile Fraction (lb/gal)
Acetone	12	16	6.64	1.062
Toluene	26.5	35.33	7.16	2.530
VM&P Naphtha	5	6.67	6.28	0.418
Xylene	5	6.67	7.244	0.483
Propellant	26.5	35.33	4.585	1.620
Total	75	100		6.113

(i) $(\text{Wt }\%)_i \div (\text{Total Wt }\%) = \text{Wt }\%\text{ of VOC}$

(ii) $\sum (\text{Wt }\%\text{ of VOC})_i * (\text{Compound Density})_i = \text{Density of volatile portion} \left[\frac{\text{lb VOC}}{\text{gal VOC}} \right]$

The density of the volatile portion of the paint (white lacquer spray aerosol) is 6.113 $\frac{\text{lb VOC}}{\text{gal VOC}}$.

3. Calculate the solids density of each paint based on the following equation:

$$\text{Density of paint} = \begin{matrix}\text{\% VOC}\\ \text{by volume}\end{matrix}\left(\begin{matrix}\text{Density}\\ \text{of VOC}\end{matrix}\right) + \begin{matrix}\text{\% Solids}\\ \text{by volume}\end{matrix}\left(\begin{matrix}\text{Density}\\ \text{of solids}\end{matrix}\right)$$

$$\text{Density of solids} = \frac{\left[\begin{matrix}\text{Density of}\\ \text{paint}\end{matrix} - \left(\begin{matrix}\text{\% VOC}\\ \text{by volume}\end{matrix}\right)\left(\begin{matrix}\text{Density}\\ \text{of VOC}\end{matrix}\right)\right]}{\text{\% Solids by volume}}$$

Example: White Lacquer Spray Aerosol

$$\text{VOC:} \quad \left(0.25\ \frac{\text{gal}}{15\ \text{min}}\right)\left(\frac{85\%\ \text{VOC}}{100}\right)\left(\frac{6.113\ \text{lb VOC}}{\text{gal VOC}}\right) = 1.30\ \frac{\text{lb VOC}}{15\ \text{min}}$$

24-hour:

$$\text{VOC emission rate, } \frac{\text{lb}}{15\ \text{min}} = \left(\text{24-hr consumption}\right)\left(\text{\% VOC by volume}\right)\left(\text{Density of VOC}\right)$$

Annual:

$$\text{VOC emission rate, } \frac{\text{lb}}{\text{yr}} = \left(\text{Annual consumption}\right)\left(\text{\% VOC by volume}\right)\left(\text{Density of VOC}\right)$$

Particulate Matter

Particulate matter emissions from spray painting are related to the coating usage rates, solids fraction in the coating, fraction of overspray, fraction of overspray reaching the filters, and the efficiency of the filters in collecting particulate matter. The fraction of overspray can be determined from the transfer efficiency of the spray equipment. Many spray applications have a 65% transfer efficiency, owing to the equipment used and the large articles coated. Higher (80%) and lower (50%) transfer efficiencies are possible.

Not all particulate matter that is not applied to the article being coated reaches the filter. Because the articles are large and the filters are not in the line of the spray, only 10% of the overspray reaches the filter.

The efficiency of the filter collecting the particulate matter reaching the filter is relatively high. These filters are usually a fibrous pad design, and the particulate matter is at low velocity when it reaches the pad. Most spray booth filter pads achieve 90% collection of particulate matter. Some filters are guaranteed to achieve 95% reduction.

To calculate the particulate matter emissions, the following assumptions and equations were used with the 15-min, 24-hour, and annual consumption rates introduced in the VOC section.

RADIAN CORPORATION

CALCULATION SHEET

CALC. NO. 16

SIGNATURE_____ DATE_____ CHECKED_____ DATE_____

PROJECT DoD JOB NO._____

SUBJECT Emissions from Dry Cleaning Operations SHEET 1 OF 1 SHEETS

Dry cleaning operations use solvents in the machines. The solvent used in dry cleaning operations may vary but is typically perchloroethylene. The size of the machines may vary and the design of the systems can incorporate such features as refrigerated condensers for recovery and reuse of solvent and carbon adsorbers for final clean up of exhaust gases.

Typical machines at large military installations are capable of handling 50, 75, or 100 pounds of clothes and are of dry-to-dry design with refrigerated condensers for solvent recovery. The amount of solvent lost to the atmosphere (and not remaining in the clothes or in the sludge) is about 70% of the solvent fed to the system.

Emissions are estimated using a material balance approach, taking into account the amount of solvent that is retained in the clothes or sludge. Maximum potential emissions are based on estimated maximum material consumption, and actual emissions can be calculated where consumption data are available. For example, for an installation where 200 gal/mo is the maximum expected consumption of perchloroethylene, the estimated annual potential to emit is calculated as:

$$\text{Perchloroethylene}\left(\frac{\text{lb}}{\text{yr}}\right) = \left(200\ \frac{\text{gal}}{\text{mo}}\right)\left(12\ \frac{\text{mo}}{\text{yr}}\right)\left(13.6\ \frac{\text{lb}}{\text{gal}}\right)\left(0.7\ \frac{\text{lb lost}}{\text{lb used}}\right)$$

$$= 22{,}800\ \frac{\text{lb}}{\text{yr}}$$

For the same installation where actual records show that only 1200 gallons of perchloroethylene were purchased during the year, emissions are estimated as:

$$\text{Perchloroethylene}\left(\frac{\text{lb}}{\text{yr}}\right) = \left(1{,}200\ \frac{\text{gal}}{\text{yr}}\right)\left(13.6\ \frac{\text{lb}}{\text{gal}}\right)\left(0.7\ \frac{\text{lb lost}}{\text{lb used}}\right)$$

$$= 11{,}400\ \frac{\text{lb}}{\text{yr}}$$

ENVIRONMENTAL MANAGEMENT DEPARTMENT
AIR EMISSION PROJECTS
CAMP LEJEUNE, NORTH CAROLINA

PROJECT TITLE	COST	START	END
FY 1994:			
Air Quality 10 Year Compliance Plan	199,478.00	09/93	12/94
Ozone Depletion Substance Management Plan	75,000.00	07/94	12/94
Sand Blasting Project, AS-4135	14,000.00	08/94	12/94
Noise Abatement	150,000.00	10/94	06/95
Permit Modification, AS-4106	16,000.00	07/94	12/94
Permit Modification, Bldg 908	16,000.00	07/94	12/94
Chemical Release Management Plan	60,000.00	08/94	04/95
New Fuel Farm Tank Permit Project	14,000.00	07/94	04/95
Asbestos Release Management Plan	60,000.00	09/94	05/95
Asbestos Removal Plan	10,000.00	10/94	06/95
Air Quality Inventory Phase III	100,000.00	09/94	12/95
TOTAL FY 94:	714,478.00		
FY 1995:			
Control Devices for Paint Booths	1,200,000.00	07/95	10/96
TOTAL FY 95:	1,200,000.00		
TOTAL FY 94 95:	1,914,478.00		

BRAC DATA CALL #33
for
MCB Camp Lejeune
(main side)

ITEM #7b

Site	Type	Ground water contam?	Extends off Base?	Drinking Water Source?	Cost to Complete ($M)	Status
01	CERCLA	Yes	No	No	4.8	RI/FS
02	CERCLA	Yes	No	No	3.0	TCRA
03	CERCLA	P	P	P	P	RI/FS
06	CERCLA	Yes	No	Yes	2.7	RA, TCRA
09	CERCLA	No	No	No	0.05	RA
12	CERCLA	P	P	P	P	SI
21	CERCLA	Yes	No	No	1.2	RA
24	CERCLA	No	No	No	0.05	RA
28	CERCLA	P	P	P	P	RI/FS
30	CERCLA	P	P	P	P	RI/FS
65	CERCLA	No	No	No	0.20	RI/FS
73	CERCLA	Yes	No	No	5.3	RI/FS
74	CERCLA	Yes	No	Yes	4.8	RI/FS
78	CERCLA	Yes	No	Yes	5.5	RA
80	CERCLA	Yes	No	Yes	5.1	RI/FS
82	CERCLA	Yes	No	Yes	2.6	RA
84	CERCLA	Yes	No	No	5.2	SI

ATTACHMENT (2)

Assume the following:

a) The question "drinking water source" asks if the drinking water supply has been impacted by this site.

b) "RI/FS" refers to the Remedial Investigation/Feasibility Study stage of an IR site.

c) "SI" refers to the Site Inspection Stage of a site.

d) "RA" refers to the Remedial Action phase of a site.

e) "P" denotes that future studies are scheduled for the site. Further information is "pending" until these studies are completed.

f) "TCRA" denotes that a Time Critical Removal Action is scheduled.

g) The above chart is based on current available information and is subject to change.

BRAC DATA CALL #33
for
Camp Johnson, Camp Geiger,
Rifle Range Area, and
Tarawa Terrace Housing

ITEM #7b

Site	Type	Ground water contam?	Extends off Base?	Drinking Water Source?	Cost to Complete ($M)	Status
07	CERCLA	P	P	P	P	RI/FS
16	CERCLA	P	P	P	P	RI/FS
35	CERCLA	Yes	No	No	5.2	RI/FS, TCRA
36	CERCLA	P	P	P	P	RI/FS
63	CERCLA	P	P	P	P	RI/FS
68	CERCLA	P	P	P	P	SI
69	CERCLA	Yes	No	No	5.5	RI/FS
85	CERCLA	P	P	P	P	SI

Assume the following:

a) The question "drinking water source" asks if the drinking water supply has been impacted by this site.

b) "RI/FS" refers to the Remedial Investigation/Feasibility Study stage of an IR site.

c) "SI" refers to the Site Inspection Stage of a site.

d) "RA" refers to the Remedial Action phase of a site.

e) "P" denotes that future studies are scheduled for the site. Further information is "pending" until these studies are completed.

f) "TCRA" denotes that a Time Critical Removal Action is scheduled.

g) The above chart is based on current available information and is subject to change.

BRAC-95 DATA CALL #33
for
MCAS New River

ITEM #7b

Site	Type	Ground water contam?	Extends off base?	Drinking water source?	Cost to complete ($M)	Est. complete date (FY)	Status
AS-4151	UST	Y	N	N	1.12	2015	CAP
Campbell Street FF	UST	Y	N	N	1.17	2015	CAP
JP-5 Pipe	UST	Y	N	N	1.50	2013	ops
AS-410 N	UST	Y	N	N	1.21	2016	SA
AS-522	UST	Y	N	N	1.16	2016	SA
AS-822	UST	Y	N	N	1.21	2016	SA
AS-4158	UST	Y	N	N	1.21	2016	SA
AS-840	UST	Y	N	N	1.21	2018	SC
Rapid Refueler	UST	Y	N	N	1.40	2019	SA

Assume the following:

a) The question "drinking water source" asks if the drinking water supply has been impacted by this site.

b) "CAP" refers to the Corrective Action Plan stage of a UST investigation.

c) "ops" refers to the maintenance and operation of a UST remediation system.

d) "SA" refers to the Site Assessment phase of a UST investigation.

e) "SC" refers to the Site Check phase of a UST investigation.

BRAC DATA CALL #33
for
MCAS NEW RIVER

ITEM #7b

Site	Type	Ground water contam?	Extends off Base?	Drinking Water Source?	Cost to Complete ($M)	Status
41	CERCLA	Yes	No	No	5.2	RI/FS
43	CERCLA	Yes	No	No	4.9	RI/FS
44	CERCLA	P	No	No	P	RI/FS
48	CERCLA	No	N/A	No	0.05	RA
54	CERCLA	Yes	No	No	4.0	RI/FS
75	CERCLA	P	P	P	P	SI
76	CERCLA	P	P	P	P	SI
86	CERCLA	Yes	No	No	5.2	RI/FS
A	CERCLA	P	P	P	P	SI

Assume the following:

a) The question "drinking water source" asks if the drinking water supply has been impacted by this site.

b) "RI/FS" refers to the Remedial Investigation/Feasibility Study stage of an IR site.

c) "SI" refers to the Site Inspection Stage of a site.

d) "RA" refers to the Remedial Action phase of a site.

e) "P" denotes that future studies are scheduled for the site. Further information is "pending" until these studies are completed.

f) The above chart is based on current available information and is subject to change.

BRAC DATA CALL #33
for
MCB Camp Lejeune
(including MCAS New River
and associated tenant commands)

ITEM #7b

Site	Type	Ground water contam?	Extends off base?	Drinking water source?	Cost to complete ($M)	Est. complete date (FY)	Status
AS-4151	UST	Y	N	N	1.12	2015	CAP
Campbell Street FF	UST	Y	N	N	1.17	2015	CAP
JP-5 Pipe	UST	Y	N	N	1.50	2013	ops
AS-410 N	UST	Y	N	N	1.21	2016	SA
AS-522	UST	Y	N	N	1.16	2016	SA
AS-822	UST	Y	N	N	1.21	2016	SA
AS-4158	UST	Y	N	N	1.21	2016	SA
AS-840	UST	Y	N	N	1.21	2018	SC
Rapid Refueler	UST	Y	N	N	1.40	2019	SA
21	UST	Y	N	N	0.96	2015	CAP
45	UST	Y	N	N	0.91	2015	CAP
61	UST	Y	N	N	0.07	2006	SC
820	UST	Y	N	N	1.11	2016	SA
903	UST	Y	N	N	0.07	2006	SC
1115	UST	Y	N	N	1.11	2015	SA
1310	UST	Y	N	N	0.07	2006	SC
1607	UST	Y	N	N	0.07	2006	SC
A-47	UST	Y	N	N	1.0	2017	SA
BA-130	UST	Y	N	N	0.07	2006	SC
BB-9	UST	Y	N	N	1.11	2016	SA
BB-51	UST	Y	N	N	1.10	2015	SA

BB-71	UST	Y	N	N	0.07	2006	SC
BB-177	UST	Y	N	N	1.19	2017	SC
FC-102	UST	Y	N	N	0.07	2006	SC
FC-120	UST	Y	N	N	0.07	2006	SC
FC-201E	UST	Y	N	N	0.87	2015	SA
FC-201W	UST	Y	N	N	0.07	2005	SC
H-28	UST	Y	N	N	0.90	2015	CAP
H-30	UST	Y	N	N	1.18	2018	SC
Hadnot Point FF	UST	Y	N	N	0.90	2010	ops
LCH-4022	UST	Y	N	N	1.07	2015	SA
M-90	UST	Y	N	N	1.19	2017	SC
M-101	UST	Y	N	N	1.19	2017	SC
M-232 thru 236	UST	Y	N	N	1.11	2015	SA
Marina	UST	Y	N	N	1.13	2016	CAP
RR-72	UST	Y	N	N	0.88	2016	CAP
SLCH-4019	UST	Y	N	N	1.19	2017	SC
STT-39A	UST	Y	N	N	1.01	2015	SA
STT-69	UST	Y	N	N	0.86	2015	SA
TC-341	UST	Y	N	N	0.89	2015	SA
TC-912	UST	Y	N	N	0.59	2016	CAP
TT Service Station	UST	Y	N	N	0.67	2014	ops
TT-2455	UST	Y	N	N	1.10	2015	SA
TT-2477-3	UST	Y	N	N	0.07	2006	SC
TT-2478	UST	Y	N	N	0.86	2015	SA

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 _____

Title _____ Date 8/24/94

Data Call 33

DATA CALL 33

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

L. H. LIVINGSTON, BGen, USMC

NAME (Please type or print)

Signature

Commanding General

Title

8 June 94

Date

Marine Corps Base, Camp Lejeune

Activity

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

R

Table 2: Family Housing Construction Projects

Installation Name:	**CAMP LEJEUNE NC MCB**
Unit Identification Code (UIC):	**M67001**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1997	H363	COMMUNITY CENTER	FHSG	870
		Sub-Total - 1997		870
		Grand Total		870

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)

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

12/9/94
Date

41 R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**CAMP LEJEUNE NC MCB**
Unit Identification Code (UIC):	**M67001**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1994	948	LANDFILL *	MCON	2,093
1994	949	MULTI-PURPOSE TRAINING RANGE	MCON	5,300
		Sub-Total - 1994		**7,393**
1995	845	OIL SPILL PREVENTION	MCON	4,450
1995	933	MULTI-PURPOSE TRAINING RANGE COMPLEX	MCON	10,400
		Sub-Total - 1995		**14,850**
1996	974	WSTWTR TRMNT PLNT-PH II	MCON	45,500
		Sub-Total - 1996		**45,500**
1997	065	PHYSICAL FITNESS CENTER	MCON	2,400
1997	630	BACHELOR ENLISTED QUARTERS	MCON	18,150
1997	934	TRAINING RANGE FACILITIES	MCON	10,0
1997	975	WASTEWATER TRTMT PLANT III	MCON	3
		Sub-Total - 1997		3
1998	062A	INFRASTRUCTURE/RANGES GSRA	MCON	0,100
1998	805	FIELD MAINTENANCE FAC	MCON	12,734
1998	931	FIRE STATION	MCON	1,350

(Revised 9 Dec 94) *(* - Cost Avoidance is less than project programmed amount)*

41 R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**CAMP LEJEUNE NC MCB**
Unit Identification Code (UIC):	**M67001**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
		Sub-Total - 1998		**24,184**
1999	030	VARIOUS RANGES	MCON	2,769
1999	032	VARIOUS RANGES	MCON	2,769
1999	542	ELEC&COMM MAINT SHOPS	MCON	4,120
1999	548	WAREHOUSE	MCON	4,000
1999	935	RANGE DEVELOPMENT (PH III)	MCON	5,200
		Sub-Total - 1999		**18,858**
2000	016	ARMORY/WAREHSE(8MARINFREG)	MCON	5,000
2000	019	AMPHIB OPERS/MAINT COMPLEX	MCON	5,000
2000	266	COMBAT VEHICLE MAINT SHOP	MCON	9,600
2000	568	COMBAT VEH MAINT SHOP	MCON	5,500
		Sub-Total - 2000		**25,100**
2001	014	ARMORY/WAREHSE(2MARINFREG)	MCON	5,000
2001	015	ARMORY/WAREHSE(6MARINFREG)	MCON	5,000
2001	896	FOOD SERVICE SCHOOL	MCON	9,100
2001	916	FLD MN SHP/BRCO	MCON	4,275
2001	938	CHILD DEVELOPMENT CENTER	MCON	1,650

41 R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**CAMP LEJEUNE NC MCB**
Unit Identification Code (UIC):	**M67001**
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
2001	951	BACHELOR ENLISTED QUARTERS	MCON	23,224
		Sub-Total - 2001		**48,249**
		Grand Total		**217,984**

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

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)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

MD Thornton
Signature

9 Dec 94
Date

41

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Table 2: Family Housing Construction Projects.

Installation Name:	MCB CAMP LEJEUNE
Unit Identification Code (UIC):	67001
Major Claimant:	HQMC

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
96	LEH-9606R2	WHR 236 UNITS	FHSG	10,455
		SUB TOTAL-1996		10,455
97	LEH-9405M2	REPAIR INT/EXT 128 UNITS	FHSG	2,572
		SUB TOTAL-1997		2,572
		GRAND TOTAL		13,027

Enclosure (1)

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DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Installation Name:	MCB CAMP LEJEUNE
Unit Identification Code (UIC):	M67001
Major Claimant:	HQMC

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1996	P-974	WASTE TREATMENT UPGR, PH II	MCON	45,500
	Sub Total	1996		45,500
1997	P-975	WASTE TREATMENT UPGR, PH III	MCON	3,300
1997	P-934	INFRASTRUCT/VAR RANGES, GSRA	MCON	10,000
	Sub Total	1997		13,300
1998	P-931	FIRE STA, FRENCH CRK	MCON	1,350
1998	P-805	FIELD MAINT CMPL	MCON	12,734
1998	P-062	INFRASTRUCT/RANGES, GSRA	MCON	10,100
	Sub Total	1998		24,184
1999	P-542	COMM/ELECT MAINT SHOPS	MCON	4,120
1999	P-548	WAREHOUSE	MCON	4,000
1999	P-935	VARIOUS RANGES, GSRA	MCON	5,200
1999	P-030	VARIOUS RANGES, GSRA	MCON	2,769
1999	P-031	VARIOUS RANGES, GSRA	MCON	2,769
	Sub Total	1999		18,858
2000	P-266	CVMS/OPS OVM SHOP	MCON	9,600
2000	P-568	COMBAT VEHICLE MAINT SHOP	MCON	5,500
2000	P-019	AMPHIBIOUS OPS/MAINT COMPLEX	MCON	5,000
2000	P-016	ARMORY/WAREHOUSE	MCON	5,000
	Sub Total	2000		25,100
2001	P-938	CHILD DEVELOPMENT CENTER, HADN	MCON	1,650

41

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
2001	P-015	ARMORY/WAREHOUSE	MCON	5,000
2001	P-951	BEQ, CP JOHNSON & COURTHOUSE	MCON	23,224
2001	P-896	FOOD SERVICE SCHOOL, JOHNSON	MCON	9,100
2001	P-014	ARMORY/WAREHOUSE	MCON	5,000
2001	P-916	FIELD MAINT SHOP	MCON	4,275
	Sub Total	2001		48,249
	Grand Total			175,191

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

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**CAMP LEJEUNE NC MCB**
Unit Identification Code (UIC):	**M67001** #41
Major Claimant:	**MARCORPS**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1994	949	MULTI-PURPOSE TRAINING RANGE	MCON	766
		Sub-Total - 1994		**766**
1995	845	OIL SPILL PREVENTION	MCON	2,070
1995	933	MULTI-PURPOSE TRAINING RANGE COMP	MCON	4,929
		Sub-Total - 1995		**6,999**
1996	974	WSTWTR TRMNT PLNT-PH II	MCON	45,500
		Sub-Total - 1996		**45,500**
1997	934	TRAINING RANGE FACILITIES	MCON	10,000
1997	975	WASTEWATER TRTMT PLANT III	MCON	3,300
		Sub-Total - 1997		**13,300**
1998	062A	INFRASTRUCTURE/RANGES GSRA	MCON	10,100
1998	805	FIELD MAINTENANCE FAC	MCON	12,734
1998	931	FIRE STATION	MCON	1,350
		Sub-Total - 1998		**24,184**
1999	030	VARIOUS RANGES	MCON	2,769

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.