DCN 666

CAPACITY ANALYSIS:
DATA CALL WORK SHEET
FOR
MARINE CORPS LOGISTICS BASES

Complete Revised Data Call

Category	. . . .	**Industrial Activities**
Type	. . . .	**Marine Corps Logistics Bases**
		(MCLB)
Claimant	. . . .	**CMC**

NOTES:
In the context of this Data Call,

1. Production equates to the number of end items or components processed per Fiscal Year (FY), unless otherwise noted. Use single shift operations (1-8-5) for your calculations. Please identify any processes which, under normal operations, operate on a different schedule. Report in specified units of throughput and Direct Labor Man Hours (DLMHs).

2. Base your responses for Fiscal Year (FY) 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the MCLB configurations as of completion of implementation of the BRAC-88/91/93 actions.

3. For all workload performed on non-DON assets, include that workload performance in the appropriate commodity group, but specify the asset owner (e.g. Coast Guard).

4. Core workloads are to be calculated in accordance with the Office of the Under Secretary of Defense (Logistics) (OUSD(L)) Memorandum dated 15 November 1993 (subject: "Policy for Maintaining Core Depot Maintenance Capability"). Core workload includes all Core work performed for other Military Departments.

If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.

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

JCSG-DM: Maintenance and Industrial Activities

Commodity Groups List

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

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

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

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

5. **Amphibians**
   - **Vehicles**
   - **Components (less GTE)**

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

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

8. **Automotive / Construction Equipment**

9. **Tactical Vehicles**
   - **Tactical Automotive Vehicles**
   - **Components**

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

11. **Sea Systems**
    - **Ships**
    - **Weapons Systems**

12. Software
    - Tactical Systems
    - Support Equipment

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

14. Other

Data Call for Capacity Analyses
Marine Corps Logistics Bases

Table of Contents

Table of Acronyms 2

Mission Area 3
1. Missiles 3
2. Amphibians 9
3. Combat Vehicles 22
4. Automotive Equipment (Less Tactical Vehicles) 34
5. Tactical Vehicles 39
6. Construction Equipment 51
7. Electronics and Communications Systems 61
8. Ordnance, Weapons, and Munitions 72
9. General Purpose Equipment 82
10. Other End Items 93
11. Formal Schools Training 103
12. Workload Summary 107

Features and Capabilities 161
13. Facility Measures / Critical Work Centers 161
14. Facility Measures / Depot Maintenance 162
15. Facility Measures / Storage and Warehousing 169
16. Facility Measures / Formal Schools 172
17. Facility Measures / Personnel Support 175
18. Facility Measures / Other Facilities 178
19. Training Ranges 179
20. Weapons and Munitions 181
21. Productive Output Factors 184
22. Manpower Factors / Depot Maintenance 186
23. Manpower Factors / Storage and Warehousing 189
24. Physical Space for Industrial Support 189
25. Facility Limitations 190
26. Real Estate Potential 191
27. Expenditures and Equipment Values 193

Table of Acronyms

ACE	Acquisition Cost of Equipment
ADMIN	Administration; administrative
BOQ/BEQ	Bachelor Officer/Enlisted Quarters
BV	Best Value
CCN	Category Code Number
CMC	Commandant of the Marine Corps
COMM	Communications
COMP	Component
CPV	Current Plant Value
DLMH	Direct Labor Man Hour
DOD	Department of Defense
DON	Department of the Navy
E-O/NV	Electro-Optics / Night Vision
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FY	Fiscal Year
FYDP	Future Years Defense Plan
HERF	Hazardous Electronic Radiation- Fuel
HERO	Hazardous Electronic Radiation-Ordnance
HERP	Hazardous Electronic Radiation-Personnel
IPE	Industrial Plant Equipment
JCSG-DM	Joint Cross Service Group-Depot Maintenance
KSF	One thousand Square Feet
LQNC	Low Quantity, Non-Core
LSOR	Last Source of Repair
MCLB	Marine Corps Logistics Base
MILCON	Military Construction
MODS	Modifications
MRP	Maintenance of Real Property
N/A	Non-Applicable
NAVFACINST	Naval Facilities Instruction
PEI	Principle End Items
POM	Program Objective Memorandum
RCM	Reliability Center of Maintenance
ROI	Return on Investment
SC/SS	Satellite Control/Space Sensors
TMDE	Test, Measurement Diagnostic Equipment
UIC	Unit Identification Code
YR	Year

Activity: M67004

Data Call for Capacity Analyses
Marine Corps Logistics Bases

Primary UIC: M67004
(Use this number as Activity identification at top of every page)

Mission Area

1. Missiles N/A

1.1 Given the current configuration and operation of the Logistics Base, provide the Missile/Missile Component production that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 1.1.a and 1.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 1.1.c and 1.1.d).

Table 1.1.a: **Historic/Projected Missile/Component Workload**

Missile/Missile Components	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Missile Frame								
Propulsion/Component								
Guidance/Component								
Payload/Component								
Missile Accessories/ component storage								
Surface Comms/ Control Systems								
Support and Launch Equipment								
Total								

Activity: M67004

1. **Missiles, continued**

Table 1.1.b: Historic/Projected Missile/Component Workload (Revised 8/2/94)

Missile/Missile Components	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Missile Frame								
Propulsion/Component								
Guidance/Component								
Payload/Component								
Missile Accessories/ component storage								
Surface Comms/ Control Systems								
Support and Launch Equipment								
Total								

Activity: M67004

1. Missiles, continued

Table 1.1.c: Historic/Projected Missile/Component Workload

Missile/Missile Components	DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Missile Frame								
Propulsion/Component								
Guidance/Component								
Payload/Component								
Missile Accessories/ component storage								
Surface Comms/ Control Systems								
Support and Launch Equipment								
Total								

Table 1.1.d: Historic/Projected Missile/Component Workload

Missile/Missile Components	DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Missile Frame								
Propulsion/Component								
Guidance/Component								
Payload/Component								
Missile Accessories/ component storage								
Surface Comms/ Control Systems								
Support and Launch Equipment								
Total								

Activity: M67004

1. Missiles, continued

1.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the missile production that was executed in and is programmed for the Fiscal Years (FY) requested, in units throughput and in Direct Labor Man Hours (DLMHs).

Table 1.2.a: Historic/Projected Missile/Component Core Workload

Missile/Missile Components	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Missile Frame								
Propulsion/Component								
Guidance/Component								
Payload/Component								
Missile Accessories/ component storage								
Surface Comms/ Control Systems								
Support and Launch Equipment								
Total								

Table 1.2.b: Historic/Projected Missile/Component Core Workload

Missile/Missile Components	DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Missile Frame								
Propulsion/Component								
Guidance/Component								
Payload/Component								
Missile Accessories/ component storage								
Surface Comms/ Control Systems								
Support and Launch Equipment								
Total								

1.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand missile operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of missiles/components (both PEIs and components) and DLMHs that could be processed at this Logistics Base by category type.

Activity: M67004

1. Missiles, continued

Table 1.3.a Maximum Potential Missile/Component Workload

Missile/Missile Components	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Missile Frame							
Propulsion System/Components							
Guidance System/Components							
Payload System/Components							
Missile Accessories/ component storage							
Surface Comms/ Control Systems							
Support and Launch Equipment							
Total							

Table 1.3.b Maximum Potential Missile/Component Workload

Missile/Missile Components	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Missile Frame							
Propulsion System/Components							
Guidance System/Components							
Payload System/Components							
Missile Accessories/ component storage							
Surface Comms/ Control Systems							
Support and Launch Equipment							
Total							

1. Missiles, continued

1.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased missile/component workload at this Logistics Base.

1.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform missile workload? What other investments in the industrial infrastructure would you make to increase your missile workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

1.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of missile workload at this Logistics Base?

Mission Area

2. Amphibians

2.1 Given the current configuration and operation of the Logistics Base, provide the Amphibious Vehicles/Component production that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 2.1.a and 2.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 2.1.c and 2.1.d).

Table 2.1.a: Historic/Projected Amphibious Vehicles/Component Workload

Amphibious Vehicles / Components	* Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Frame, and Installed Systems	529	598	533	418	281	167	361	582
Engines	23	26	23	18	32	64	26	6
Armament	4	4	4	3		12		6
Electronic/Comm Equipment	39	44	39	31	30	22	18	34
Support Equipment								
Components/ Accessories	797	902	803	630	882	639	522	419
Other (Specify) **	55	62	56	44	1	164	2	89
Total	1,447	1,636	1,458	1,144	1,226	1,068	929	1,136

* **Includes Amphibious Workload for Marine Corps assets loaned to and funded by the Army, in FYs 92/93, to return to Condition Code "A".**

** **Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.**

Activity: M67004

Table 2.1.b: Historic/Projected Amphibious Vehicles/Component Workload
(Revised 8/2/94)

Amphibious Vehicles / Components	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Frame, and Installed Systems	432	432	460	460	460	460	460	460
Engines	19	19	48	48	48	48	48	48
Armament	3	3	13	13	13	13	13	13
Electronic/Comm Equipment	32	32	6	6	6	6	6	6
Support Equipment								
Components/ Accessories	651	651	886	898	918	918	918	918
Other (Specify) **	45	45	34	34	34	34	34	34
Total	1,182	1,182	1,447	1,459	1,479	1,479	1,479	1,479

* Includes Amphibious Workload for Marine Corps assets loaned to and funded by the Army, in FYs 92/93, to return to Condition Code "A".

** Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.

NOTE: Since actual workload data was not available for FY86-89, historical workload data by PEI/Component are estimates based on the average FY90 and FY93 commodity mix.

2. **Amphibians, continued**

Table 2.1.c: Historic/Projected Amphibious Vehicles/Component Workload

Amphibious Vehicles / Components	* DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Frame, and Installed Systems	181.4	188.3	188.4	189.4	210.0	192.6	380.2	262.4
Engines	2.1	2.2	2.2	2.2	4.6	6.1	3.5	1.0
Armament	.3	.3	.3	.3				.7
Electronic/Comm Equipment	.8	.9	.9	.9	.9	.1	.3	1.3
Support Equipment								
Components/ Accessories	12.3	12.8	12.8	12.8	23.6	14.8	4.4	8.5
Other (Specify) **	7.5	7.8	7.8	7.9		1.4	2.6	19.6
Total	204.4	212.3	212.4	213.5	239.1	215.0	391.0	293.5

* Includes Amphibious Workload for Marine Corps assets loaned to and funded by the Army, in FYs 92/93, to return to Condition Code "A".

** Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.

Table 2.1.d: Historic/Projected Amphibious Vehicles/Component Workload

Amphibious Vehicles / Components	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Frame, and Installed Systems	301.3	289.7	293.6	299.3	293.6	293.6	293.6	293.6
Engines	3.6	3.4	6.4	6.4	6.4	6.4	6.4	6.4
Armament	.4	.4	.3	.3	.3	.3	.3	.3
Electronic/Comm Equipment	1.4	1.3	.7	.7	.7	.7	.7	.7
Support Equipment								
Components/ Accessories	20.4	19.7	13.0	13.5	14.0	14.0	14.0	14.0
Other (Specify) **	12.5	12.0	8.1	8.1	8.1	8.1	8.1	8.1
Total	339.6	326.5	322.1	328.3	323.1	323.1	323.1	323.1

* Includes Amphibious Workload for Marine Corps assets loaned to and funded by the Army, in FYs 92/93, to return to Condition Code "A".

** Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.

2. Amphibians, continued

SUPPLEMENTAL

Table 2.1.d: Predicted Amphibious Vehicle Workload
(Add 8/2/94)

Amphibious Vehicle (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	298.1	298.1	303.8	298.1	298.1	298.1	298.1
Engines	3.3	6.4	6.4	6.4	6.4	6.4	6.4
Vehicle, Components & Accessories	18.5	13.1	13.5	14.0	14.0	14.0	14.0
Electronic & Communication Equipment	1.3	.8	.8	.8	.8	.8	.8
Armament	.5	.3	.3	.3	.3	.3	.3
Support Equipment							
Other (Specify) *	12.9	10.0	10.0	10.0	10.0	10.0	10.0
Total	334.6	328.7	334.8	329.6	329.6	329.6	329.6

* Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.

NOTE: (1) Work is total predicted and consists of ILSD POM and average of FY90 and FY93 non ILSD work. Not adjusted to 1-8-5.

(2) FY93 DLMHs represent the historic "high water mark" for the Albany Maintenance Center. The total FY93 DLMHs executed were 1,568,741 of which 337,809 represent overtime expended. Second shift DLMHs expended were 187,339.

2. Amphibians, continued

2.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the amphibian production that was executed in and is programmed for the FY requested, in units throughput and in DLMHs.

*** Table 2.2.a: Historic/Projected Amphibious Vehicles/Component Core Workload**

Amphibious Vehicles / Components	** Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Frame, and Installed Systems	82	82	83	112	84	83	83	83
Engines	5	5	7	7	7	7	7	7
Armament	1	1	3	2	1	1	1	1
Electronic/Comm Equipment	8	8						
Support Equipment								
Components/ Accessories	26	26	337	341	344	344	344	344
Other (Specify) ***	4	4						
Total	126	126	430	462	436	435	435	435

* The years requested on the official data call (86-93) have been changed (94-01) to be consistent with all other commodities.

** Includes Amphibious Workload for Marine Corps assets loaned to and funded by the Army, in FYs 92/93, to return to Condition Code "A".

*** Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.

2. **Amphibians, continued**

Table 2.2.b: Historic/Projected Amphibious Vehicles/Component Core Workload

Amphibious Vehicles / Components	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Frame, and Installed Systems	135.2	135.2	114.3	115.6	114.3	114.3	114.3	114.3
Engines	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
Armament								
Electronic/Comm Equipment								
Support Equipment								
Components/ Accessories	5.6	5.7	11.1	11.1	11.1	11.1	11.1	11.1
Other (Specify) **	1.4	1.3						
Total	143.3	143.3	126.5	127.8	126.4	126.4	126.4	126.4

* Includes Amphibious Workload for Marine Corps assets loaned to and funded by the Army, in FYs 92/93, to return to Condition Code "A".

** Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.

2. Amphibians, continued

2.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand amphibious vehicle operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of amphibious vehicles/components (both PEIs and components) and DLMHs that could be processed at this Logistics Base by category type.

Table 2.3.a Maximum Potential Amphibious Vehicles/Component Workload

Amphibious Vehicles / Components	* Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Frame, and Installed Systems	404	444	414	405	371	371	371
Engines	18	46	43	42	39	39	39
Armament	3	13	12	11	10	10	10
Electronic/Comm Equipment	30	6	5	5	5	5	5
Support Equipment							
Components/ Accessories	609	855	807	809	740	740	740
Other (Specify) **	42	33	31	30	27	27	27
Total	1,106	1,397	1,312	1,302	1,192	1,192	1,192

* **Includes Amphibious Workload for Marine Corps assets loaned to and funded by the Army, in FYs 92/93, to return to Condition Code "A".**

** **Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.**

2. **Amphibians, continued**

Table 2.3.b Maximum Potential Amphibious Vehicles/Component Workload

Amphibious Vehicles / Components	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Frame, and Installed Systems	271.0	283.3	269.0	258.7	236.5	236.5	236.5
Engines	3.2	6.2	5.8	5.6	5.2	5.2	5.2
Armament	.4	.3	.3	.3	.2	.2	.2
Electronic/Comm Equipment	1.2	.7	.6	.6	.6	.6	.5
Support Equipment							
Components/ Accessories	18.4	12.5	12.5	12.3	11.3	11.3	11.3
Other (Specify) **	11.2	7.8	7.3	7.2	6.5	6.5	6.5
Total	305.4	310.8	295.5	284.7	260.3	260.3	260.2

* Includes Amphibious Workload for Marine Corps assets loaned to and funded by the Army, in FYs 92/93, to return to Condition Code "A".

** Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.

2. **Amphibians, continued**

SUPPLEMENTAL

Table 2.3.b Maximum Executable Amphibious Vehicles/Component Workload
(Add 8/2/94)

Amphibious Vehicles / Components	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Frame, and Installed Systems	324.4	337.3	311.5	300.7	277.5	277.5	277.5
Engines	3.6	7.2	6.6	6.5	6.0	6.0	6.0
Armament	.5	.3	.3	.3	.3	.3	.3
Electronic/Comm Equipment	1.4	.9	.8	.8	.7	.7	.7
Support Equipment							
Components/ Accessories	20.1	14.8	13.8	14.1	13.0	13.0	13.0
Other (Specify) **	14.0	11.3	10.3	10.1	9.3	9.3	9.3
Total	364.0	371.8	343.3	332.5	306.8	306.8	306.8

* **INCLUDES AMPHIBIOUS WORKLOAD FOR MARINE CORPS ASSETS LOANED TO AND FUNDED BY THE ARMY, IN FYs-92/93, TO RETURN TO CONDITION CODE "A".**

Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

2. Amphibians, continued

2.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased amphibious vehicles/component workload at this Logistics Base.

The total capacity of this Maintenance Center is determined from shop layouts which will accommodate a wide range of ground combat, combat support, and combat service support equipment. This concept allows for interchangeable or concurrent work on amphibious, combat, and tactical vehicles and construction, general purpose, and other end items equipment. Our Electronics and Communications Section and Ordnance, Weapons, and Munitions Section, although more specialized, are manned and equipped to work a broad range of specific commodity area items. However, the personnel skills within the Electronics and Communications Section spill over into our Automatic Test Support Branch and Metrology (Calibration) Branch, thereby making common a multi-commodity workload mix.

Our maximum potential capacity is based on shop layouts of work positions from which personnel can be most efficiently employed to perform simultaneous work on the greatest number of multi-commodity items. The calculations used to determine maximum potential capacity are as follows:

- Total Capacity of the Maintenance Center is determined by the number of work positions on shop layouts:
  -- Total Capacity = number of work positions x 1615 x .95 (DLMH)
  (Computations from DOD draft capacity handbook (DOD 4151.15-H))

- Total Capacity of a Commodity-Area is a fraction of the total capacity of the Maintenance Center.
  -- Capacity (by commodity) = commodity workload divided by total workload x total capacity

- Capacity Within a Commodity Area is determined from the number of elemental areas within a commodity area (engines, transmissions, etc.), based on the composition of the workload.
  -- Capacity (by element) = elemental workload divided by total commodity workload x capacity (of commodity area)

- Capacity by Units of Production is determined by multiplying the ratio of the total capacity of the commodity area and the total workload within the commodity area by the total number of scheduled units.
  -- Capacity (by units) = total commodity area capacity divided by total commodity area workload x total number of scheduled units

The following assumptions are made in determining maximum potential capacity.

- Projected workload will materialize as planned
- Budgeted and planned for (including MILCON) infrastructure and Industrial Plant Equipment improvements will be realized
- Production rates will remain stable
- No known or projected limitations will degrade our existing capacity.

2.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform amphibious vehicle workload? What other investments in the industrial infrastructure would you make to increase your amphibious vehicle workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

2. Amphibians, continued

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

Because we are a Multi-Commodity Maintenance Center, the required infrastructure improvements will similarly benefit the amphibious, combat, and tactical vehicle commodity areas; construction and general purpose equipment commodity areas; ordnance, weapons, and munitions commodity area; and the other end items commodity area.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

The following Industrial Plant Equipment is being procured to improve our existing industrial capabilities and throughput:

- Crankshaft Grinder (Computer Numeric Controlled (CNC) Machine)
- CNC Metal Brake Machine (Qty 2)
- Computerized Drilling and Circuit Board Unit
- Parts Retrieval Systems (Qty 4)

What other investments in the industrial infrastructure would you make to increase your amphibious vehicle workload capabilities?

The following infrastructure projects are either ongoing, budgeted, or planned for in order to maintain/improve our existing industrial capabilities and throughput:

- Convert five existing acres to concrete hardstand	Planned
- Construction of equipment drain rack	Budgeted
- Replacement of the vehicle undercoating rack	Budgeted
- Improved engine dynamometer facility	MILCON, under construction
- Construction of a new, improved cleaning and coating facility	MILCON, under construction
- Construction of two commercial, stand-alone paint booths	Planned
- Enhancement of Intergraph (CAD/CAM) system to achieve compatibility with Flexible Computer Integrated Manufacturing (FCIM)	Ongoing
- Enhance existing anodizing system for small arms commodities	Budgeted

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The concrete hardstand improvement described above will increase the equipment staging area by 20 percent.

- The Computer Numeric Controlled Crankshaft grinder and metal brake machine will provide for increased production ranging from 30-50 percent depending upon the commodity being processed.

- Replacement of the drain rack and undercoating facilities will enhance the capability to drain and/or undercoat both wheeled and tracked vehicles year-round. In addition, environmental problems with draining vehicles will be completely eliminated.

- The cleaning and coating facility will provide steam cleaning and abrasive blasting of wheeled and tracked vehicles and component parts in an enclosed environment. The facility will replace existing outdoor steam cleaning and abrasive blasting areas which produced airborne contaminants that affected surrounding shops and personnel.

2. Amphibians, continued

- The engine dynamometer facility will provide six each, state-of-the-art test cells with electronic test consoles to provide more efficient IROAN diagnostic testing of engines with horsepower ranges from 250 to 1500. The dynamometer and engine cooling water system is close-looped, reducing water usage and industrial waste treatment and costs.

- The construction of commercial paint booths will make available approximately 30,000 square feet of existing enclosed craneway for the repair/rebuild of engineer equipment and other commodity items.

- The installation of flexible integrated computer manufacturing hardware and software will enhance the integration capabilities of going from design to fabricated parts produced by welding, flame-o-graph, punching, machining, and forming by computer ties between the designer and personnel and machines creating the parts. Significant savings will be realized in fabrication of parts due to reduction of several design and programming steps presently required for the start of design to actual part completion.

- An enhanced anodizing system will increase production capability and enhance the quality of small arms items. Anodizing increases the life cycle of small arms by preventing corrosion and also provides a non-glare surface.

What are the associated costs?

- Costs for the budgeted and planned infrastructure improvements are estimated to be $2.88M.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be $810K.

What would be the payback period and return on investment?

The payback period for both industrial plant equipment and infrastructure improvements is 14.0 years. Return on investment is 19.67 percent. The payback period and return on investment are based on information from the following sources:

Cost Estimating, Second Edition; Rodney D. Stewart, John Wiley and Sons, 1991

Industrial Engineering Methods and Controls; Donald R. Herzog, Restin Publishing Company, INC., 1985

2.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of amphibious vehicle workload at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

2. Amphibians, continued

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The Base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated Defense Reutilization and Marketing Office (DRMO) accepts long term storage of hazardous waste. DRMO's Treatment, Storage, and Disposal Facility (TSDF) is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the Base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks places MCLB Albany in an excellent position to increase operations.

Mission Area

3. Combat Vehicles

3.1 Given the current configuration and operation of the Logistics Base, provide the Combat Vehicles/Component production that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 3.1.a and 3.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 3.1.c and 3.1.d).

Table 3.1.a: Historic/Projected Combat Vehicles/Component Workload

Vehicle Component	* Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Body, Frame, and Installed Systems	96	108	96	75	134	186	105	22
Engine	19	21	19	15	26	28	5	5
Vehicle Components and Accessories	413	466	415	326	639	547	174	34
Electronic and Communication Equip	1	1	1	1	2	12	1	
Armament	21	24	22	17	35	56	17	
Support Equipment	11	12	11	9	10	4	20	8
Other (Specify) **	1,368	1,547	1,377	1,080		54	16	2,232
Total	1,929	2,179	1,941	1,523	846	887	338	2,301

* Units throughput includes work performed for the Army.

** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.

3. **Combat Vehicles, continued**

Table 3.1.b: Historic/Projected Combat Vehicles/Component Workload (Revised 8/2/94)

Vehicle Component	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	78	78	57	57	57	57	57	57
Engine	16	16	12	12	12	12	12	12
Vehicle Components and Accessories	337	337	203	203	203	203	203	203
Electronic and Communication Equip	1	1						
Armament	18	18						
Support Equipment	9	9	6	6	6	6	6	6
Other (Specify) **	1,116	1,116	1,082	1,082	1,082	1,082	1,082	1,082
Total	1,575	1,575	1,360	1,360	1,360	1,360	1,360	1,360

* Units throughput includes work performed for the Army.

** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.

NOTE: Since actual workload data was not available for FY86-89, historical workload data by PEI/Component are estimates based on the average FY90 and FY93 commodity mix.

3. **Combat Vehicles, continued**

Table 3.1.c: Historic/Projected Combat Vehicles/Component Workload

Vehicle Component	* DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Body, Frame, and Installed Systems	49.4	51.3	51.4	51.6	93.1	43.7	37.9	35.7
Engine	5.0	5.2	5.2	5.2	9.3	12.5	1.3	3.7
Vehicle Components and Accessories	5.9	6.2	6.2	6.2	8.3	6.3	2.0	7.2
Electronic and Communication Equip						.1		
Armament	.3	.3	.3	.3	.7	.9	.6	
Support Equipment	4.4	4.6	4.6	4.6	1.7	2.1	19.2	9.8
Other (Specify) **	.6	.6	.6	.6	1.1	6.9	4.7	.4
Total	65.6	68.2	68.3	68.5	114.2	72.5	65.7	56.8

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.

Table 3.1.d: Historic/Projected Combat Vehicles/Component Workload

Vehicle Component	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	82.2	79.0	38.1	38.1	38.1	38.1	38.1	38.1
Engine	8.3	8.0	5.1	5.1	5.1	5.1	5.1	5.1
Vehicle Components and Accessories	9.9	9.5	8.1	8.1	8.1	8.7	8.7	8.7
Electronic and Communication Equip								
Armament	.5	.4						
Support Equipment	7.3	7.0	1.3	1.3	1.3	1.3	1.3	1.3
Other (Specify) **	1.0	.9	1.9	1.9	1.9	1.9	1.9	1.9
Total	109.2	104.8	54.5	54.5	54.5	55.1	55.1	55.1

* Units throughput includes work performed for the Army.
** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.

3. **Combat Vehicles, continued**

SUPPLEMENTAL

Table 3.1.d: Predicted Combat Vehicle Workload (Add 8/2/94)

Combat Vehicle (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	80.0	37.6	37.6	37.6	37.6	37.6	37.6
Engines	7.5	5.1	5.1	5.1	5.1	5.1	5.1
Vehicle, Components & Accessories	10.1	10.7	10.7	10.7	10.7	10.7	10.7
Electronic & Communication Equipment							
Armament	.4						
Support Equipment	7.5	1.5	1.5	1.5	1.5	1.5	1.5
Other (Specify) *	.9	2.8	2.8	2.8	2.8	2.8	2.8
Total	106.4	57.7	57.7	57.7	57.7	57.7	57.7

* Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.

NOTE: (1) Work is total predicted and consists of ILSD POM and average of FY90 and FY93 non ILSD work. Not adjusted to 1-8-5.

(2) FY93 DLMHs represent the historic "high water mark" for the Albany Maintenance Center. The total FY93 DLMHs executed were 1,568,741 of which 337,809 represent overtime expended. Second shift DLMHs expended were 187,339.

3. Combat Vehicles, continued

3.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the combat vehicle production that was executed in and is programmed for the FY requested in units throughput and in DLMHs.

Table 3.2.a: Historic/Projected Combat Vehicles/Component Core Workload

Vehicle Component	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	12	12	63	16	16	33	33	33
Engine	6	6	51	49	53	53	53	53
Vehicle Components and Accessories	79	79	75	65	67	70	70	70
Electronic and Communication Equip	1							
Armament	7	7						
Support Equipment	1	1						
Other (Specify) **	34							
Total	140	105	189	130	136	156	156	156

* Units throughput includes work performed for the Army.
** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.

Table 3.2.b: Historic/Projected Combat Vehicles/Component Core Workload

Vehicle Component	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	28.7	28.7	37.3	37.3	37.3	37.3	37.3	37.3
Engine	3.3	3.6	10.4	10.4	10.4	10.4	10.4	10.4
Vehicle Components and Accessories	.8	.8	1.9	1.9	1.9	1.9	1.9	1.9
Electronic and Communication Equip								
Armament								
Support Equipment	2.4	2.6						
Other (Specify) **								
Total	35.2	35.7	49.6	49.6	49.6	49.6	49.6	49.6

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.

3. Combat Vehicles, continued

3.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand combat vehicle operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of combat vehicles/components (both PEIs and components) and DLMHs that could be processed at this Logistics Base by category type.

Table 3.3.a Maximum Potential Combat Vehicles/Component Workload

Vehicle Component	* Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	73	55	51	50	46	46	46
Engine	15	12	11	11	10	10	10
Vehicle Components and Accessories	315	196	182	179	164	164	164
Electronic and Communication Equip	1						
Armament	17						
Support Equipment	8	6	5	5	5	5	5
Other (Specify) **	1,044	1,044	973	954	872	872	872
Total	1,473	1,313	1,222	1,199	1,097	1,097	1,097

* **Units throughput includes work performed for the Army.**

** **Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.**

3. **Combat Vehicles, continued**

Table 3.3.b Maximum Potential Combat Vehicles/Component Workload

Vehicle Component	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	73.9	36.8	34.3	33.6	30.7	30.7	30.7
Engine	7.5	4.9	4.6	4.5	4.1	4.1	4.1
Vehicle Components and Accessories	8.9	7.8	7.3	7.1	7.0	7.0	7.0
Electronic and Communication Equip							
Armament	.4						
Support Equipment	6.5	1.3	1.1	1.1	1.0	1.0	1.0
Other (Specify) **	.8	1.8	1.7	1.7	1.6	1.6	1.6
Total	98.0	52.6	49.0	48.0	44.4	44.4	44.4

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.

3. Combat Vehicles, continued

Supplemental

Table 3.3.b Maximum Executable Combat Vehicles/Component Workload
(Add 8/2/94)

Vehicle Component	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	87.1	42.5	38.5	37.9	35.0	35.0	35.0
Engine	8.2	5.8	5.2	5.1	4.7	4.7	4.7
Vehicle Components and Accessories	11.0	12.1	11.0	11.1	10.0	10.0	10.0
Electronic and Communication Equip							
Armament	.4						
Support Equipment	8.2	1.7	1.5	1.5	1.4	1.4	1.4
Other (Specify) **	1.0	3.2	2.9	2.8	2.6	2.6	2.6
Total	115.9	65.3	59.1	58.4	53.7	53.7	53.7

* DLMHs include work performed for the Army and Marine Corps.

** Includes miscellaneous items such as, mounting brackets, cell assemblies, torsion bars.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

3. Combat Vehicles, continued

3.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased combat vehicles/component workload at this Logistics Base.

The total capacity of this Maintenance Center is determined from shop layouts which will accommodate a wide range of ground combat, combat support, and combat service support equipment. This concept allows for interchangeable or concurrent work on amphibious, combat, and tactical vehicles and construction, general purpose, and other end items equipment. Our Electronics and Communications Section and Ordnance, Weapons, and Munitions Section, although more specialized, are manned and equipped to work a broad range of specific commodity area items. However, the personnel skills within the Electronics and Communications Section spill over into our Automatic Test Support Branch and Metrology (Calibration) Branch, thereby making common a multi-commodity workload mix.

Our maximum potential capacity is based on shop layouts of work positions from which personnel can be most efficiently employed to perform simultaneous work on the greatest number of multi-commodity items. The calculations used to determine maximum potential capacity are as follows:

- Total Capacity of the Maintenance Center is determined by the number of work positions on shop layouts:

  -- Total Capacity = number of work positions x 1615 x .95 (DLMH)
  (Computations from DOD draft capacity handbook (DOD 4151.15-H))

- Total Capacity of a Commodity-Area is a fraction of the total capacity of the Maintenance Center.

  -- Capacity (by commodity) = commodity workload divided by total workload x total capacity

- Capacity Within a Commodity Area is determined from the number of elemental areas within a commodity area (engines, transmissions, etc.), based on the composition of the workload.

  -- Capacity (by element) = elemental workload divided by total commodity workload x capacity (of commodity area)

- Capacity by Units of Production is determined by multiplying the ratio of the total capacity of the commodity area and the total workload within the commodity area by the total number of scheduled units.

  -- Capacity (by units) = total commodity area capacity divided by total commodity area workload x total number of scheduled units

The following assumptions are made in determining maximum potential capacity.

- Projected workload will materialize as planned
- Budgeted and planned for (including MILCON) infrastructure and Industrial Plant Equipment improvements will be realized
- Production rates will remain stable
- No known or projected limitations will degrade our existing capacity.

3. Combat Vehicles, continued

3.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform combat vehicle workload? What other investments in the industrial infrastructure would you make to increase your combat vehicle workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

Because we are a Multi-Commodity Maintenance Center, the required infrastructure improvements will similarly benefit the amphibious, combat, and tactical vehicle commodity areas; construction and general purpose equipment commodity areas; ordnance, weapons, and munitions commodity area; and the other end items commodity area.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

The following Industrial Plant Equipment is being procured to improve our existing industrial capabilities and throughput:

- Crankshaft Grinder (Computer Numeric Controlled (CNC) Machine)
- CNC Metal Brake Machine (Qty 2)
- Computerized Drilling and Circuit Board Unit
- Parts Retrieval Systems (Qty 4)

What other investments in the industrial infrastructure would you make to increase your combat vehicle workload capabilities?

The following infrastructure projects are either ongoing, budgeted, or planned for in order to maintain/improve our existing industrial capabilities and throughput:

- Convert five existing acres to concrete hardstand	Planned
- Construction of equipment drain rack	Budgeted
- Replacement of the vehicle undercoating rack	Budgeted
- Improved engine dynamometer facility	MILCON, under construction
- Construction of a new, improved cleaning and coating facility	MILCON, under construction
- Construction of two commercial, stand-alone paint booths	Planned
- Enhancement of Intergraph (CAD/CAM) system to achieve compatibility with Flexible Computer Integrated Manufacturing (FCIM)	Ongoing
- Enhance existing anodizing system for small arms commodities	Budgeted

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The concrete hardstand improvement described above will increase the equipment staging area by 20 percent.

- The Computer Numeric Controlled Crankshaft grinder and metal brake machine will provide for increased production ranging from 30-50 percent depending upon the commodity being processed.

- Replacement of the drain rack and undercoating facilities will enhance the capability to drain and/or undercoat both wheeled and tracked vehicles year-round. In addition, environmental problems with draining vehicles will be completely eliminated.

3. **Combat Vehicles, continued**

- The cleaning and coating facility will provide steam cleaning and abrasive blasting of wheeled and tracked vehicles and component parts in an enclosed environment. The facility will replace existing outdoor steam cleaning and abrasive blasting areas which produced airborne contaminants that affected surrounding shops and personnel.

- The engine dynamometer facility will provide six each, state-of-the-art test cells with electronic test consoles to provide more efficient IROAN diagnostic testing of engines with horsepower ranges from 250 to 1500. The dynamometer and engine cooling water system is close-looped, reducing water usage and industrial waste treatment and costs.

- The construction of commercial paint booths will make available approximately 30,000 square feet of existing enclosed craneway for the repair/rebuild of engineer equipment and other commodity items.

- The installation of flexible integrated computer manufacturing hardware and software will enhance the integration capabilities of going from design to fabricated parts produced by welding, flame-o-graph, punching, machining, and forming by computer ties between the designer and personnel and machines creating the parts. Significant savings will be realized in fabrication of parts due to reduction of several design and programming steps presently required for the start of design to actual part completion.

- An enhanced anodizing system will increase production capability and enhance the quality of small arms items. Anodizing increases the life cycle of small arms by preventing corrosion and also provides a non-glare surface.

What are the associated costs?

- Costs for the budgeted and planned infrastructure improvements are estimated to be $2.88M.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be $810K.

What would be the payback period and return on investment?

The payback period for both industrial plant equipment and infrastructure improvements is 14.0 years. Return on investment is 19.67 percent. The payback period and return on investment are based on information from the following sources:

Cost Estimating, Second Edition; Rodney D. Stewart, John Wiley and Sons, 1991

Industrial Engineering Methods and Controls; Donald R. Herzog, Restin Publishing Company, INC., 1985

3.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of combat vehicle workload at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

3. **Combat Vehicles, continued**

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The Base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated DRMO accepts long term storage of hazardous waste. DRMO's TSDF is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the Base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the Base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks places MCLB Albany in an excellent position to increase operations.

Activity: M67004

Mission Area

4. Automotive Equipment (Less Tactical Vehicles) N/A

4.1 Given the current configuration and operation of the Logistics Base, provide the Automotive Equipment/Component production, less tactical vehicles, that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (include PEIs and components) (Tables 4.1.a and 4.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 4.1.c and 4.1.d).

Table 4.1.a: Historic/Projected Automotive Equipment/Component Workload

Automotive Equipment Component	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Body, Frame, and Installed Systems								
Engine								
Vehicle Components and Accessories								
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify)								
Total								

Table 4.1.b: Historic/Projected Automotive Equipment/Component Workload

Automotive Equipment Component	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems								
Engine								
Vehicle Components and Accessories								
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify)								
Total								

Activity: M67004

4. Automotive Equipment, continued

Table 4.1.c: Historic/Projected Automotive Equipment/Component Workload

Automotive Equipment Component	DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Body, Frame, and Installed Systems								
Engine								
Vehicle Components and Accessories								
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify)								
Total								

Table 4.1.d: Historic/Projected Automotive Equipment/Component Workload

Automotive Equipment Component	DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems								
Engine								
Vehicle Components and Accessories								
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify)								
Total								

4. Automotive Equipment, continued

4.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the automotive equipment, less tactical vehicles production that was executed in and programmed for the FY requested in units throughput and in DLMHs.

Table 4.2.a: Historic/Projected Automotive Equipment/Component Core Workload

Automotive Equipment Component	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems								
Engine								
Vehicle Components and Accessories								
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify)								
Total								

Table 4.2.b: Historic/Projected Automotive Equipment/Component Core Workload

Automotive Equipment Component	DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems								
Engine								
Vehicle Components and Accessories								
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify)								
Total								

4. Automotive Equipment, continued

4.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand automotive equipment operations, less tactical vehicles, based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of automotive equipment/components (both PEIs and components) and DLMHs that could be processed at this Logistics Base by category type.

Table 4.3.a Maximum Potential Automotive Equipment/Component Workload

Automotive Equipment Component	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems							
Engine							
Vehicle Components and Accessories							
Electronic and Communication Equip							
Armament							
Support Equipment							
Other (Specify)							
Total							

Table 4.3.b Maximum Potential Automotive Equipment/Component Workload

Automotive Equipment Component	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems							
Engine							
Vehicle Components and Accessories							
Electronic and Communication Equip							
Armament							
Support Equipment							
Other							
Total							

4. Automotive Equipment, continued

4.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased automotive equipment/component workload at this Logistics Base.

No automotive requirements.

4.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform automotive equipment workload? What other investments in the industrial infrastructure would you make to increase your automotive equipment workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

No automotive requirements.

4.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of automotive equipment workload at this Logistics Base?

No automotive requirements.

Mission Area

5. Tactical Vehicles

5.1 Given the current configuration and operation of the Logistics Base, provide the Tactical Vehicles/Component production that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 5.1.a and 5.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 5.1.c and 5.1.d).

Table 5.1.a: Historic/Projected Tactical Vehicles/Component Workload

Tactical Vehicle / Component	* Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Body, Frame, and Installed Systems	2,853	3,225	2,872	2,252	1,691	1,[illegible]03	2,006	2,963
Engine	113	128	114	89	72	[illegible]69	48	112
Vehicle Components and Accessories	930	1,052	937	735	72	[illegible]64	156	1,446
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify) **	10	12	10	8				17
Total	3,906	4,417	3,933	3,084	1,835	1,[illegible]36	2,210	4,538

* Units throughput includes work performed for the Army.
** Includes miscellaneous items such as, dead axles (MK-48).

5. **Tactical Vehicles, continued**

Table 5.1.b: Historic/Projected Tactical Vehicles/Component Workload
(Revised 8/2/94)

Tactical Vehicles / Components	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	2,327	2,327	2,320	2,403	2,555	2,867	2,867	2,867
Engine	92	92	150	150	150	150	150	150
Vehicle Components and Accessories	759	759	795	800	800	800	800	800
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify) **	9	9	108	108	108	108	108	108
Total	3,187	3,187	3,373	3,461	3,613	3,925	3,925	3,925

* Units throughput includes work performed for the Army.
** Includes miscellaneous items such as, dead axles (MK-48).

NOTE: Since actual workload data was not available for FY86-89, historical workload data by PEI/Component are estimates based on the average FY90 and FY93 commodity mix.

5. **Tactical Vehicles, continued**

Table 5.1.c: Historic/Projected Tactical Vehicles/Component Workload

Tactical Vehicles / Component	* DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Body, Frame, and Installed Systems	213.9	222.0	222.2	223.4	155.7	174.5	252.2	401.4
Engine	3.0	3.1	3.1	3.1	3.6	3.7	3.1	4.2
Vehicle Components and Accessories	11.3	11.7	11.7	11.8	1.9	3.0	13.9	27.5
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify) **	.6	.6	.6	.6		.1		1.6
Total	228.8	237.4	237.6	238.9	161.2	181.3	269.2	434.7

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, dead axles (MK-48).

Table 5.1.d: Historic/Projected Tactical Vehicles/Component Workload

Tactical Vehicles / Component	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	355.4	341.7	461.4	500.0	573.6	640.3	640.3	640.3
Engine	4.9	4.7	6.5	6.5	6.5	6.5	6.5	6.5
Vehicle Components and Accessories	18.8	18.0	3.8	4.2	4.2	4.2	4.2	4.2
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify) **	1.0	1.0	.8	.8	.8	.8	.8	.8
Total	380.1	365.4	472.5	511.5	585.1	651.8	651.8	651.8

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, dead axles (MK-48).

5. Tactical Vehicles, continued

SUPPLEMENTAL

Table 5.1.d: Predicted Tactical Vehicles Workload (Add 8/2/94)

Tactical Vehicle (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	366.0	487.3	526.0	599.5	666.2	666.2	666.2
Engines	4.6	6.5	6.5	6.5	6.5	6.5	6.5
Vehicle, Components & Accessories	19.7	4.3	4.7	4.7	4.7	4.7	4.7
Electronic & Communication Equipment							
Armament							
Support Equipment							
Other (Specify) *	1.1	1.7	1.7	1.7	1.7	1.7	1.7
Total	391.4	499.8	538.9	612.4	679.1	679.1	679.1

* Includes miscellaneous items such as, dead axles (MK-48).

NOTE: (1) Work is total predicted and consists of ILSD POM and average of FY90 and FY93 non ILSD work. Not adjusted to 1-8-5.

(2) FY93 DLMHs represent the historic "high water mark" for the Albany Maintenance Center. The total FY93 DLMHs executed were 1,568,741 of which 337,809 represent overtime expended. Second shift DLMHs expended were 187,339.

5. Tactical Vehicles, continued

5.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the tactical vehicle production that was executed in and is programmed for the FY requested in units throughput and in DLMHs.

Table 5.2.a: Historic/Projected Tactical Vehicles/Component Core Workload

Tactical Vehicles / Components	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	771	813	635	688	642	734	734	734
Engine	22	22	126	128	126	126	126	126
Vehicle Components and Accessories	13	13	74	80	79	79	79	79
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify) **			100	101	101	101	101	101
Total	806	848	935	997	948	1,040	1,040	1,040

* Units throughput includes work performed for the Army.
** Includes miscellaneous items such as, dead axles (MK-48).

Table 5.2.b: Historic/Projected Tactical Vehicles/Component Core Workload

Tactical Vehicles / Component	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	328.1	328.1	334.6	358.7	330.5	322.0	322.0	322.0
Engine	1.6	1.6	8.0	8.7	7.8	7.8	7.8	7.8
Vehicle Components and Accessories	5.9	5.9	2.9	3.6	3.2	3.2	3.2	3.2
Electronic and Communication Equip								
Armament								
Support Equipment								
Other (Specify) **			.9	.9	.9	.9	.9	.9
Total	335.6	335.6	346.4	371.9	342.4	333.9	333.9	333.9

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, dead axles (MK-48).

5. Tactical Vehicles, continued

5.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand tactical vehicle operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of tactical vehicle/components and DLMHs that could be processed at this Logistics Base by category type.

Table 5.3.a Maximum Potential Tactical Vehicles/Component Workload

Tactical Vehicles / Component	* Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	2,176	2,238	2,160	2,252	2,310	2,310	2,310
Engine	58	145	135	132	121	121	121
Vehicle Components and Accessories	710	767	719	705	644	644	644
Electronic and Communication Equip							
Armament							
Support Equipment							
Other (Specify) **	8	104	97	95	87	87	87
Total	2,952	3,254	3,111	3,184	3,162	3,162	3,162

* Units throughput includes work performed for the Army.
** Includes miscellaneous items such as, dead axles (MK-48).

5. **Tactical Vehicles, continued**

Table 5.3.b Maximum Potential Tactical Vehicles/Component Workload

Tactical Vehicles / Component	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	319.6	445.2	449.3	505.5	515.8	515.8	515.8
Engine	4.4	6.3	5.8	5.7	5.2	5.2	5.2
Vehicle Components and Accessories	16.8	3.7	3.8	3.7	3.4	3.4	3.4
Electronic and Communication Equip							
Armament							
Support Equipment							
Other (Specify) **	.9	.7	.7	.7	.7	.7	.7
Total	341.7	455.9	459.6	515.6	525.1	525.1	525.1

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, dead axles (MK-48).

Activity: M67004

5. Tactical Vehicles, continued

SUPPLEMENTAL

Table 5.3.b Maximum Executable Tactical Vehicles/Component Workload
(Add 8/2/94)

Tactical Vehicles / Component	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	398.3	551.3	539.2	604.7	620.2	620.2	620.2
Engine	5.0	7.4	6.7	6.6	6.1	6.1	6.1
Vehicle Components and Accessories	21.4	4.9	4.8	4.7	4.4	4.4	4.4
Electronic and Communication Equip							
Armament							
Support Equipment							
Other (Specify) **	1.2	1.9	1.7	1.7	1.5	1.6	1.6
Total	425.9	565.5	552.4	617.7	632.3	632.3	632.3

* DLMHs include work performed for the Army, Navy, and Marine Corps.

** Includes miscellaneous items such as, dead axles (MK-48).

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

5. Tactical Vehicles, continued

5.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased tactical vehicles/component workload at this Logistics Base.

The total capacity of this Maintenance Center is determined from shop layouts which will accommodate a wide range of ground combat, combat support, and combat service support equipment. This concept allows for interchangeable or concurrent work on amphibious, combat, and tactical vehicles and construction, general purpose, and other end items equipment. Our Electronics and Communications Section and Ordnance, Weapons, and Munitions Section, although more specialized, are manned and equipped to work a broad range of specific commodity area items. However, the personnel skills within the Electronics and Communications Section spill over into our Automatic Test Support Branch and Metrology (Calibration) Branch, thereby making common a multi-commodity workload mix.

Our maximum potential capacity is based on shop layouts of work positions from which personnel can be most efficiently employed to perform simultaneous work on the greatest number of multi-commodity items. The calculations used to determine maximum potential capacity are as follows:

- Total Capacity of the Maintenance Center is determined by the number of work positions on shop layouts:

  -- Total Capacity = number of work positions x 1615 x .95 (DLMH)
  (Computations from DOD draft capacity handbook (DOD 4151.15-H))

- Total Capacity of a Commodity-Area is a fraction of the total capacity of the Maintenance Center.

  191X@apacity (by commodity) = commodity workload divided by total workload x total capacity

- Capacity Within a Commodity Area is determined from the number of elemental areas within a commodity area (engines, transmissions, etc.), based on the composition of the workload.

  -- Capacity (by element) = elemental workload divided by total commodity workload x capacity (of commodity area)

- Capacity by Units of Production is determined by multiplying the ratio of the total capacity of the commodity area and the total workload within the commodity area by the total number of scheduled units.

  -- Capacity (by units) = total commodity area capacity divided by total commodity area workload x total number of scheduled units

The following assumptions are made in determining maximum potential capacity.

- Projected workload will materialize as planned
- Budgeted and planned for (including MILCON) infrastructure and Industrial Plant Equipment improvements will be realized
- Production rates will remain stable
- No known or projected limitations will degrade our existing capacity.

5. Tactical Vehicles, continued

5.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform tactical vehicle workload? What other investments in the industrial infrastructure would you make to increase your tactical vehicle workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

Because we are a Multi-Commodity Maintenance Center, the required infrastructure improvements will similarly benefit the amphibious, combat, and tactical vehicle commodity areas; construction and general purpose equipment commodity areas; ordnance, weapons, and munitions commodity area; and the other end items commodity area.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

The following Industrial Plant Equipment is being procured to improve our existing industrial capabilities and throughput:

- Crankshaft Grinder (Computer Numeric Controlled (CNC) Machine)
- CNC Metal Brake Machine (Qty 2)
- Computerized Drilling and Circuit Board Unit
- Parts Retrieval Systems (Qty 4)

What other investments in the industrial infrastructure would you make to increase your tactical vehicle workload capabilities?

The following infrastructure projects are either ongoing, budgeted, or planned for in order to maintain/improve our existing industrial capabilities and throughput:

- Convert five existing acres to concrete hardstand	Planned
- Construction of equipment drain rack	Budgeted
- Replacement of the vehicle undercoating rack	Budgeted
- Improved engine dynamometer facility	MILCON, under construction
- Construction of a new, improved cleaning and coating facility	MILCON, under construction
- Construction of two commercial, stand-alone paint booths	Planned
- Enhancement of Intergraph (CAD/CAM) system to achieve compatibility with Flexible Computer Integrated Manufacturing (FCIM)	Ongoing
- Enhance existing anodizing system for small arms commodities	Budgeted

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The concrete hardstand improvement described above will increase the equipment staging area by 20 percent.

- The computer numeric controlled crankshaft grinder and metal brake machine will provide for increased production ranging from 30-50 percent depending upon the commodity being processed.

5. **Tactical Vehicles, continued**

- Replacement of the drain rack and undercoating facilities will enhance the capability to drain and/or undercoat both wheeled and tracked vehicles year-round. In addition, environmental problems with draining vehicles will be completely eliminated.

- The cleaning and coating facility will provide steam cleaning and abrasive blasting of wheeled and tracked vehicles and component parts in an enclosed environment. The facility will replace existing outdoor steam cleaning and abrasive blasting areas which produced airborne contaminants that affected surrounding shops and personnel.

- The engine dynamometer facility will provide six each, state-of-the-art test cells with electronic test consoles to provide more efficient IROAN diagnostic testing of engines with horsepower ranges from 250 to 1,500. The dynamometer and engine cooling water system is close-looped, reducing water usage and industrial waste treatment and costs.

- The construction of commercial paint booths will make available approximately 30,000 square feet of existing enclosed craneway for the repair/rebuild of engineer equipment and other commodity items.

- The installation of flexible integrated computer manufacturing hardware and software will enhance the integration capabilities of going from design to fabricated parts produced by welding, flame-o-graph, punching, machining, and forming by computer ties between the designer and personnel and machines creating the parts. Significant savings will be realized in fabrication of parts due to reduction of several design and programming steps presently required for the start of design to actual part completion.

- An enhanced anodizing system will increase production capability and enhance the quality of small arms items. Anodizing increases the life cycle of small arms by preventing corrosion and also provides a non-glare surface.

What are the associated costs?

- Costs for the budgeted and planned infrastructure improvements are estimated to be $2.88M.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be $810K.

What would be the payback period and return on investment?

The payback period for both industrial plant equipment and infrastructure improvements is 14.0 years. Return on investment is 19.67 percent. The payback period and return on investment are based on information from the following sources:

<u>Cost Estimating, Second Edition</u>; Rodney D. Stewart, John Wiley and Sons, 1991

<u>Industrial Engineering Methods and Controls</u>; Donald R. Herzog, Restin Publishing Company, INC., 1985

5.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of tactical vehicle workload at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

5. Tactical Vehicles, continued

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this Base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The Base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated DRMO accepts long term storage of hazardous waste. DRMO's TSDF is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the Base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the Base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks places MCLB Albany in an excellent position to increase operations.

Mission Area

6. Construction Equipment

6.1 Given the current configuration and operation of the Logistics Base, provide the Construction Equipment/Component production that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 6.1.a and 6.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 6.1.c and 6.1.d).

Table 6.1.a: Historic/Projected Construction Equipment/Component Workload (Revised 8/2/94)

Construction Equipment Component	* Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Body, Frame, and Installed Systems	560	633	564	442	494	518	797	420
Engine	2	3	2	2	0	6	4	3
Vehicle Components and Accessories	47	53	47	37	46	81	73	30
Other (Specify)								
Total	609	689	613	481	540	605	874	453

*** Units throughput includes work performed for the Army.**

Table 6.1.b: Historic/Projected Construction Equipment/Component Workload

Construction Equipment Component	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	457	457	357	391	391	384	384	384
Engine	2	2	23	23	23	23	23	23
Vehicle Components and Accessories	38	38	19	19	19	19	19	19
Other (Specify)								
Total	497	497	399	433	433	426	426	426

*** Units throughput includes work performed for the Army.**

6. **Construction Equipment, continued**

Table 6.1.c: Historic/Projected Construction Equipment/Component Workload

Construction Equipment Component	* DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Hull/Body, Frame, and Installed Systems	35.5	36.8	36.9	37.1	32.7	32.1	37.9	59.8
Engine	.2	.2	.2	.2		.3	.5	.4
Vehicle Components and Accessories	.7	.7	.7	.7	.6	.1	1.2	1.2
Other (Specify)								
Total	36.4	37.7	37.8	38.0	33.3	32.5	39.6	61.4

* **Units throughput includes work performed for the Army.**

Table 6.1.d: Historic/Projected Construction Equipment/Component Workload

Construction Equipment Component	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	59.0	56.7	18.8	61.7	61.7	49.0	49.0	49.0
Engine	.3	.3						
Vehicle Components and Accessories	1.2	1.1	.3	.3	.3	.3	.3	.3
Other (Specify)								
Total	60.5	58.1	19.1	62.0	62.0	49.3	49.3	49.3

* **DLMHs include work performed for the Army.**

6. **Construction Equipment, continued**

SUPPLEMENTAL

Table 6.1.d: Predicted Construction Equipment Workload (Add 8/2/94)

Construction Equipment (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame & Installed Systems	62.0	24.1	67.1	67.1	54.3	54.3	54.3
Engine	.3						
Vehicle & Engine Components & Accessories	1.2	.4	.4	.4	.4	.4	.4
Other (Specify)							
Total	63.5	24.5	67.5	67.5	54.7	54.7	54.7

NOTE: (1) Work is total predicted and consists of ILSD POM and average of FY90 and FY93 non ILSD work. Not adjusted to 1-8-5.

(2) FY93 DLMHs represent the historic "high water mark" for the Albany Maintenance Center. The total FY93 DLMHs executed were 1,568,741 of which 337,809 represent overtime expended. Second shift DLMHs expended were 187,339.

6. Construction Equipment, continued

6.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the construction equipment production that was executed in and is programmed for the FY requested in units throughput and in DLMHs.

Table 6.2.a: Historic/Projected Construction Equipment/Component Core Workload

Construction Equipment Component	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	188	4,869	1,848	146	189	311	311	311
Engine								
Vehicle Components and Accessories								
Other (Specify)								
Total	188	4,869	1,848	146	189	311	311	311

*** Units throughput includes work performed for the Army.**

Table 6.2.b: Historic/Projected Construction Equipment/Component Core Workload

Construction Equipment Component	** DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	140.0	140.0	132.0	130.6	122.9	154.7	154.7	154.7
Engine								
Vehicle Components and Accessories								
Other (Specify)								
Total	140.0	140.0	132.0	130.6	122.9	154.7	154.7	154.7

**** DLMHs include work performed for the Army.**

6. Construction Equipment, continued

6.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand construction equipment operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of construction equipment/components (both PEIs and components) and DLMHs that could be processed at this Logistics Base by category type.

Table 6.3.a Maximum Potential Construction Equipment/Component Workload

Construction Equipment Component	* Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	427	344	351	345	309	309	309
Engine	2	22	21	20	19	19	19
Vehicle Components and Accessories	36	18	17	17	15	15	15
Other (Specify)							
Total	465	384	389	382	343	343	343

*** Units throughput includes work performed for the Army.**

Table 6.3.b Maximum Potential Construction Equipment/Component Workload

Construction Equipment Component	** DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	53.0	18.1	55.4	54.3	39.5	39.5	39.5
Engine	.3						
Vehicle Components and Accessories	1.0	.3	.3	.3	.2	.2	.2
Other (Specify)							
Total	54.3	18.4	55.7	54.6	39.7	39.7	39.7

**** DLMHs include work performed for the Army.**

6. Construction Equipment, continued

SUPPLEMENTAL

Table 6.3.b Maximum Executable Construction Equipment/Component Workload
(Add 8/2/94)

Construction Equipment Component	** DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull/Body, Frame, and Installed Systems	67.5	27.3	68.8	67.7	50.6	50.6	50.6
Engine	.3						
Vehicle Components and Accessories	1.3	.5	.4	.4	.4	.4	.4
Other (Specify)							
Total	69.1	27.8	69.2	68.1	51.0	51.0	51.0

** DLMHs include work performed for the Army and Marine Corps.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

6. Construction Equipment, continued

6.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased construction equipment/component workload at this Logistics Base.

The total capacity of this Maintenance Center is determined from shop layouts which will accommodate a wide range of ground combat, combat support, and combat service support equipment. This concept allows for interchangeable or concurrent work on amphibious, combat, and tactical vehicles and construction, general purpose, and other end items equipment. Our Electronics and Communications Section and Ordnance, Weapons, and Munitions Section, although more specialized, are manned and equipped to work a broad range of specific commodity area items. However, the personnel skills within the Electronics and Communications Section spill over into our Automatic Test Support Branch and Metrology (Calibration) Branch, thereby making common a multi-commodity workload mix.

Our maximum potential capacity is based on shop layouts of work positions from which personnel can be most efficiently employed to perform simultaneous work on the greatest number of multi-commodity items. The calculations used to determine maximum potential capacity are as follows:

- Total Capacity of the Maintenance Center is determined by the number of work positions on shop layouts:

  -- Total Capacity = number of work positions x 1615 x .95 (DLMH)
  (Computations from DOD draft capacity handbook (DOD 4151.15-H))

- Total Capacity of a Commodity-Area is a fraction of the total capacity of the Maintenance Center.

  -- Capacity (by commodity) = commodity workload divided by total workload x total capacity

- Capacity Within a Commodity Area is determined from the number of elemental areas within a commodity area (engines, transmissions, etc.), based on the composition of the workload.

  -- Capacity (by element) = elemental workload divided by total commodity workload x capacity (of commodity area)

- Capacity by Units of Production is determined by multiplying the ratio of the total capacity of the commodity area and the total workload within the commodity area by the total number of scheduled units.

  -- Capacity (by units) = total commodity area capacity divided by total commodity area workload x total number of scheduled units

The following assumptions are made in determining maximum potential capacity.

- Projected workload will materialize as planned
- Budgeted and planned for (including MILCON) infrastructure and Industrial Plant Equipment improvements will be realized
- Production rates will remain stable
- No known or projected limitations will degrade our existing capacity.

6.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform construction equipment workload? What other investments in the industrial infrastructure would you make to increase your construction equipment workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

6. Construction Equipment, continued

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

Because we are a Multi-Commodity Maintenance Center, the required infrastructure improvements will similarly benefit the amphibious, combat, and tactical vehicle commodity areas; construction and general purpose equipment commodity areas; ordnance, weapons, and munitions commodity area; and the other end items commodity area.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

The following Industrial Plant Equipment is being procured to improve our existing industrial capabilities and throughput:

- Crankshaft Grinder (Computer Numeric Controlled (CNC) Machine)
- CNC Metal Brake Machine (Qty 2)
- Computerized Drilling and Circuit Board Unit
- Parts Retrieval Systems (Qty 4)

What other investments in the industrial infrastructure would you make to increase your construction equipment workload capabilities?

The following infrastructure projects are either ongoing, budgeted, or planned for in order to maintain/improve our existing industrial capabilities and throughput:

- Convert five existing acres to concrete hardstand	Planned
- Construction of equipment drain rack	Budgeted
- Replacement of the vehicle undercoating rack	Budgeted
- Improved engine dynamometer facility	MILCON, under construction
- Construction of a new, improved cleaning and coating facility	MILCON, under construction
- Construction of two commercial, stand-alone paint booths	Planned
- Enhancement of Intergraph (CAD/CAM) system to achieve compatibility with Flexible Computer Integrated Manufacturing (FCIM)	Ongoing
- Enhance existing anodizing system for small arms commodities	Budgeted

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The concrete hardstand improvement described above will increase the equipment staging area by 20 percent.

- The computer numeric controlled crankshaft grinder and metal brake machine will provide for increased production ranging from 30-50 percent depending upon the commodity being processed.

- Replacement of the drain rack and undercoating facilities will enhance the capability to drain and/or undercoat both wheeled and tracked vehicles year-round. In addition, environmental problems with draining vehicles will be completely eliminated.

6. Construction Equipment, continued

- The cleaning and coating facility will provide steam cleaning and abrasive blasting of wheeled and tracked vehicles and component parts in an enclosed environment. The facility will replace existing outdoor steam cleaning and abrasive blasting areas which produced airborne contaminants that affected surrounding shops and personnel.

- The engine dynamometer facility will provide six each, state-of-the-art test cells with electronic test consoles to provide more efficient IROAN diagnostic testing of engines with horsepower ranges from 250 to 1,500. The dynamometer and engine cooling water system is close-looped, reducing water usage and industrial waste treatment and costs.

- The construction of commercial paint booths will make available approximately 30,000 square feet of existing enclosed craneway for the repair/rebuild of engineer equipment and other commodity items.

- The installation of flexible integrated computer manufacturing hardware and software will enhance the integration capabilities of going from design to fabricated parts produced by welding, flame-o-graph, punching, machining, and forming by computer ties between the designer and personnel and machines creating the parts. Significant savings will be realized in fabrication of parts due to reduction of several design and programming steps presently required for the start of design to actual part completion.

- An enhanced anodizing system will increase production capability and enhance the quality of small arms items. Anodizing increases the life cycle of small arms by preventing corrosion and also provides a non-glare surface.

What are the associated costs?

- Costs for the budgeted and planned infrastructure improvements are estimated to be $2.88M.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be $810K.

What would be the payback period and return on investment?

The payback period for both industrial plant equipment and infrastructure improvements is 14.0 years. Return on investment is 19.67 percent. The payback period and return on investment are based on information from the following sources:

<u>Cost Estimating, Second Edition</u>; Rodney D. Stewart, John Wiley and Sons, 1991

<u>Industrial Engineering Methods and Controls</u>; Donald R. Herzog, Restin Publishing Company, INC., 1985

6.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of construction equipment workload at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

6. Construction Equipment, continued

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this Base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The Base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated DRMO accepts long term storage of hazardous waste. DRMO's TSDF is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the Base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks place MCLB Albany in an excellent position to increase operations.

7. Electronics and Communications Systems

7.1 Given the current configuration and operation of the Logistics Base, provide the Electronics and Communications Systems/Component production that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 7.1.a and 7.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 7.1.c and 7.1.d).

Table 7.1.a: Historic/Projected Electronics & Communications Systems/Component Workload

Electronic and Communication Systems	* Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Radio Units	4,925	5,568	4,958	3,888	2,753	5,478	4,052	5,282
Radar Units	277	313	279	219	279	1,180	854	173
Wire and Communications	3,681	4,162	3,706	2,906	4,152	4,644	2,040	1,854
Electronic Warfare								
Navigational Aids								
Electro-Optics / Night Vision	211	238	212	166	57	89	89	287
Satellite Control / Space Sensors								
Other (Specify) **	107	121	107	84	117	446	300	57
Total	9,201	10,402	9,262	7,263	7,358	11,637	7,335	7,653

* Units throughput includes work performed for the Army, Air Force, DLA, and FMS.
** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

7. Electronics and Communications Systems

Table 7.1.b: Historic/Projected Electronics and Communications Systems/Component Workload (Revised 8/2/94)

Electronic and Communications Systems	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	4,018	4,018	6,212	6,347	6,074	6,149	6,149	6,149
Radar Units	226	226	171	176	175	170	170	170
Wire and Communications	3,003	3,003	1,777	1,779	962	645	645	645
Electronic Warfare								
Navigational Aids								
Electro-Optics / Night Vision	172	172	292	292	292	192	192	192
Satellite Control / Space Sensors								
Other (Specify) **	87	87	523	523	515	513	513	513
Total	7,506	7,506	8,975	9,117	8,018	7,669	7,669	7,669

* Units throughput includes work performed for the Army, Air Force, and FMS.
** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

NOTE: Since actual workload data was not available for FY86-89, historical workload data by PEI/Component are estimates based on the average FY90 and FY93 commodity mix.

Table 7.1.c: Historic/Projected Electronics and Communications Systems/Component Workload

Electronic and Communications Systems	* DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Radio Units	53.2	55.2	55.3	55.6	40.3	42.4	73.6	98.2
Radar Units	21.8	22.6	22.6	22.7	33.9	35.0	31.3	22.8
Wire and Communications	20.7	21.5	21.5	21.6	31.5	27.5	15.5	22.4
Electronic Warfare								
Navigational Aids								
Electro-Optics / Night Vision	.9	.9	.9	.9	.8	.8	2.3	1.5
Satellite Control / Space Sensors								
Other (Specify) **	.9	.9	.9	.9	1.0	3.7	2.4	1.3
Total	97.5	101.1	101.2	101.7	107.5	109.4	125.1	146.2

* DLMHs include work performed for the Army, Air Force, DLA, and FMS.
** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

7. **Electronics and Communications Systems, continued**

Table 7.1.d: Historic/Projected Electronics and Communications Systems/Component Workload

Electronic and Communications Systems	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	88.4	85.0	95.9	96.7	68.7	95.1	95.1	95.1
Radar Units	36.2	34.8	24.3	30.0	22.5	22.5	22.5	22.5
Wire and Communications	34.4	33.1	18.2	18.0	12.5	11.2	11.2	11.2
Electronic Warfare								
Navigational Aids								
Electro-Optics / Night Vision	1.4	1.4	1.9	1.9	1.9	1.3	1.3	1.3
Satellite Control / Space Sensors								
Other (Specify) **	1.5	1.5	2.7	2.7	2.3	2.3	2.3	2.3
Total	161.9	155.8	143.0	149.3	107.9	132.4	132.4	132.4

* DLMHs include work performed for the Army, Air Force, and FMS.
** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

7. **Electronics and Communications Systems, continued**

SUPPLEMENTAL

Table 7.1.d: Predicted Electronics and Communications Workload
(Add 8/2/94)

Electronic and Communications Systems (types)	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	89.7	99.7	100.6	72.5	99.0	99.0	99.0
Radar Units	32.3	24.8	30.5	23.0	23.0	23.0	23.0
Wire and Communications	34.1	18.9	18.7	13.1	11.9	11.9	11.9
Electronic Warfare							
Navigational Aids							
Electro-Optics/ Night Vision	1.4	2.0	2.0	2.0	1.4	1.4	1.4
Satellite Control / Space Sensors							
Other (Specify) *	1.6	3.0	3.0	2.6	2.6	2.6	2.6
Total	159.1	148.4	154.8	113.2	137.9	137.9	137.9

*** Includes miscellaneous items such as, power supplies, amplifiers, and computers.**

NOTE: (1) Work is total predicted and consists of ILSD POM and average of FY90 and FY93 non ILSD work. Not adjusted to 1-8-5.

(2) FY93 DLMHs represent the historic "high water mark" for the Albany Maintenance Center. The total FY93 DLMHs executed were 1,568,741 of which 337,809 represent overtime expended. Second shift DLMHs expended were 187,339.

7. Electronics and Communications Systems, continued

7.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the construction equipment production that was executed in and is programmed for the FY requested in units throughput and in DLMHs.

Table 7.2.a: Historic/Projected Electronics and Communications Systems/Component Core Workload

Electronic and Communications Systems	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	4,175	4,856	5,209	5,223	4,674	4,677	4,677	4,677
Radar Units	1,671	1,084	517	616	119	95	95	95
Wire and Communications	3,244	3,530	1,479	1,451	636	386	386	386
Electronic Warfare								
Navigational Aids								
Electro-Optics / Night Vision	38	43	102	86	123			
Satellite Control / Space Sensors								
Other (Specify) **	115	121	174	170	183	122	122	122
Total	9,243	9,634	7,481	7,546	5,735	5,280	5,280	5,280

* Units throughput includes work performed for the Army and Air Force.
** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

Table 7.2.b: Historic/Projected Electronics and Communications Systems/Component Core Workload

Electronic and Communications Systems	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	106.3	106.1	99.9	98.2	72.3	106.2	106.2	106.2
Radar Units	56.9	57.3	30.3	37.5	33.2	29.7	29.7	29.7
Wire and Communications	50.5	50.7	18.7	17.9	12.3	9.1	9.1	9.1
Electronic Warfare								
Navigational Aids								
Electro-Optics / Night Vision	1.3	1.3	.9	.9	1.1			
Satellite Control / Space Sensors								
Other (Specify) **	1.6	1.6	3.1	3.0	3.1	2.7	2.7	2.7
Total	216.6	217.0	152.9	157.5	122.0	147.7	147.7	147.7

* DLMHs include work performed for the Army and Air Force.
** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

7. Electronic and Communication Systems, continued

7.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand electronic and communication system operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of electronics and communication systems/components and DLMHs that could be processed at this Logistics Base by category type.

Table 7.3.a Maximum Potential Electronics & Communications Systems/Component Workload

Electronic and Communications Systems	* Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	3,758	5,993	5,706	5,353	4,954	4,954	4,954
Radar Units	211	165	158	154	137	137	137
Wire and Communications	2,808	1,714	1,599	848	520	520	520
Electronic Warfare							
Navigational Aids							
Electro-Optics / Night Vision	162	282	262	257	154	154	154
Satellite Control / Space Sensors							
Other (Specify) **	81	505	470	454	413	413	413
Total	7,020	8,659	8,195	7,066	6,178	6,178	6,178

* Units throughput includes work performed for the Army, Air Force, and FMS.
** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

Table 7.3.b Maximum Potential Electronics & Communications Systems/Component Workload

Electronic and Communications Systems	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	79.5	92.5	86.9	60.6	76.6	76.6	76.6
Radar Units	32.5	23.5	27.0	19.8	18.1	18.1	18.1
Wire and Communications	31.0	17.6	16.2	11.0	9.0	9.0	9.0
Electronic Warfare							
Navigational Aids							
Electro-Optics / Night Vision	1.3	1.8	1.7	1.7	1.0	1.0	1.0
Satellite Control / Space Sensors							
Other (Specify) **	1.4	2.6	2.4	2.0	2.0	2.0	2.0
Total	145.7	138.0	134.2	95.1	106.7	106.7	106.7

* DLMHs include work performed for the Army, Air Force, and FMS.
** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

7. Electronic and Communication Systems, continued

SUPPLEMENTAL

Table 7.3.b Maximum Executable Electronics & Communications Systems/Component Workload (Add 8/2/94)

Electronic and Communications Systems	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	97.6	112.8	103.1	73.1	92.2	92.2	92.2
Radar Units	35.2	28.1	31.3	23.2	21.4	21.4	21.4
Wire and Communications	37.1	21.4	19.2	13.2	11.1	11.1	11.1
Electronic Warfare							
Navigational Aids							
Electro-Optics / Night Vision	1.5	2.3	2.1	2.0	1.3	1.3	1.3
Satellite Control / Space Sensors							
Other (Specify) **	1.7	3.4	3.1	2.6	2.4	2.4	2.4
Total	173.1	168.0	158.8	114.1	128.4	128.4	128.4

* DLMHs include work performed for the Army, Air Force, Navy, FMS, and Marine Corps.

** Includes miscellaneous items such as, power supplies, amplifiers, and computers.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

7. Electronic and Communication Systems, continued

7.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased electronic and communication system/component workload at this Logistics Base.

The total capacity of this Maintenance Center is determined from shop layouts which will accommodate a wide range of ground combat, combat support, and combat service support equipment. This concept allows for interchangeable or concurrent work on amphibious, combat, and tactical vehicles and construction, general purpose, and other end items equipment. Our Electronics and Communications Section and Ordnance, Weapons, and Munitions Section, although more specialized, are manned and equipped to work a broad range of specific commodity area items. However, the personnel skills within the Electronics and Communications Section spill over into our Automatic Test Support Branch and Metrology (Calibration) Branch, thereby making common a multi-commodity workload mix.

Our maximum potential capacity is based on shop layouts of work positions from which personnel can be most efficiently employed to perform simultaneous work on the greatest number of multi-commodity items. The calculations used to determine maximum potential capacity are as follows:

- Total Capacity of the Maintenance Center is determined by the number of work positions on shop layouts:

  -- Total Capacity = number of work positions x 1615 x .95 (DLMH)
  (Computations from DOD draft capacity handbook (DOD 4151.15-H))

- Total Capacity of a Commodity-Area is a fraction of the total capacity of the Maintenance Center.

  -- Capacity (by commodity) = commodity workload divided by total workload x total capacity

- Capacity Within a Commodity Area is determined from the number of elemental areas within a commodity area (engines, transmissions, etc.), based on the composition of the workload.

  -- Capacity (by element) = elemental workload divided by total commodity workload x capacity (of commodity area)

- Capacity by Units of Production is determined by multiplying the ratio of the total capacity of the commodity area and the total workload within the commodity area by the total number of scheduled units.

  -- Capacity (by units) = total commodity area capacity divided by total commodity area workload x total number of scheduled units

The following assumptions are made in determining maximum potential capacity.

- Projected workload will materialize as planned
- Budgeted and planned for (including MILCON) infrastructure and Industrial Plant Equipment improvements will be realized
- Production rates will remain stable
- No known or projected limitations will degrade our existing capacity.

7. Electronic and Communication Systems, continued

7.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform electronic and communication system workload? What other investments in the industrial infrastructure would you make to increase your electronic and communication system workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

The following Industrial Plant Equipment is being procured in order to improve our existing industrial capabilities and throughput:

- Signal Generator	(Budgeted)
- Test Set, Signal Generator	(Budgeted)
- Automatic Autocollinator	(Budgeted)
- DIT-MCO Backplane Tester	(Budgeted)
- Alternator/Generator Test Stand	(Budgeted)
- Automatic Wire Marker	(Budgeted)
- 100 KW, 60/400 Hz Load Bank	(Budgeted)

What other investments in the industrial infrastructure would you make to increase your electronic and communication systems workload capabilities?

No additional requirements.

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The signal generator is required to test ECU and TRU Sections that have frequency ranges from 100 KHz to 2 GHz with output modulation and both AM/FM with levels from +3 dbm to -127 dbm. Equipment tested is modulation meters received from GPETE, FMF and MPF, Blount Island.

- Procurement of the signal generator test set will provide needed support to an increasing number of microwave generators, communication service analyzers, spectrum analyzers coming in from FMF, GPETE, and Blount Island. The signal generator will repair and calibrate a frequency range of 150 KHz to 18 GHz, +20 dbm to -127 dbm.

- Procurement of the automatic Autocollinator will allow calibration of many physical/dimensional standards we presently have to send to other labs for certification. The Albany Maintenance Center will also be able to increase our capabilities to support Kingsbay, SWFLANT.

- Procurement of the DIT-MCO Backplane Tester will provide the Albany Maintenance Center the capability to perform modification and apply engineering changes to the AN/TTC-42 and SB-3865 switchboard vice returning them to the manufacturer which is time consuming and costly.

- Alternator-generator test stand will replace an existing test stand that is at the end of its life cycle. The test stand is required for testing rebuilt alternators and generators prior to installation in ordnance/tactical vehicles.

7. **Electronic and Communication Systems, continued**

- Automatic wire marker will enable the electrical shop to mark 18 AWG wire and smaller. It will print permanent circuit numbers in many places along the length of wire. Present method is to mark wires with wrap-around tape that can easily be removed and is destroyed by oil/grease contamination which causes problems with equipment diagnostic procedures.

- The load bank is required for replacement of an existing load bank that requires excessive maintenance. The load bank is used to test 60 and 400 Hz, 100 KW generators repaired/rebuilt at the Maintenance Center. Failure to replace will result in reduced support for FMF and MPF requirements.

What would the associated costs be?

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be 614K.

What would be the payback period and return on investment?

The payback period for both industrial plant equipment and infrastructure improvements is 5.2 years. Return on investment is 58.81 percent. Payback period and ROI are based on information from the following sources:

Cost Estimating, Second Edition; Rodney D. Stewart, John Wiley and Sons, 1991

Industrial Engineering Methods and Controls; Donald R. Herzog, Restin Publishing Company, INC., 1985

7.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of electronic and communication system workload at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this Base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The Base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated DRMO accepts long term storage of hazardous waste. DRMO's TSDF is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

7. Electronic and Communication Systems, continued

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the Base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the Base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks place MCLB Albany in an excellent position to increase operations.

8. Ordnance, Weapons, and Munitions

8.1 Given the current configuration and operation of the Logistics Base, provide the Ordnance, Weapons and Munitions Component production that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 8.1.a and 8.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 8.1.c and 8.1.d).

Table 8.1.a: Historic and Projected Ordnance Workload

Ordnance Type	* Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Nuclear Weapons								
Chemical and Biological Weapons								
Artillery and Guns	376	425	378	297	473	944	215	140
Small Arms, Crew Served Weapons	17,812	20,139	17,932	14,062	10,573	14,107	10,197	18,487
Conventional Arms and Explosives	83	94	83	65	37	4	10	98
Other (Specify) **	122	138	123	96	20	520	591	179
Total	18,393	20,796	18,516	14,520	11,103	15,575	11,013	18,904

* Units throughput includes work performed for the Army, DEA, and DLA.
** Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.

Table 8.1.b: Historic and Projected Ordnance Workload (Revised 8/2/94)

Ordnance Type	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons								
Chemical and Biological Weapons								
Artillery and Guns	307	307	310	310	310	307	307	307
Small Arms, Crew Served Weapons	14,530	14,530	13,421	13,374	13,386	13,386	13,386	13,386
Conventional Arms and Explosives	68	68	18	18	18	18	18	18
Other (Specify) **	100	100	95	95	95	110	110	110
Total	15,005	15,005	13,844	13,797	13,809	13,821	13,821	13,821

* Units throughput includes work performed for the Army.
** Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.

NOTE: Since actual workload data was not available for FY86-89, historical workload data by PEI/Component are estimates based on the average FY90 and FY93 commodity mix.

8. Ordnance, Weapons, and Munitions, continued

Table 8.1.c: Historic and Projected Ordnance Workload

Ordnance Type	* DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Nuclear Weapons								
Chemical and Biological Weapons								
Artillery and Guns	3.1	3.2	3.2	3.2	6.0	10.7	6.5	2.1
Small Arms, Crew Served Weapons	15.8	16.4	16.4	16.5	15.5	10.0	17.3	25.6
Conventional Arms and Explosives	.8	.8	.8	.8	.6	.1	.4	1.3
Other (Specify) **	.3	.3	.3	.3	.1	.7	1.3	.7
Total	20.0	20.7	20.7	20.8	22.2	2[illegible].5	25.5	29.7

* DLMHs include work performed for the Army, DEA, and DLA.
** Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.

Table 8.1.d: Historic and Projected Ordnance Workload (Revised 8/2/94)

Ordnance Type	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons								
Chemical and Biological Weapons								
Artillery and Guns	5.1	4.9	5.9	5.9	5.9	4.7	4.7	4.7
Small Arms, Crew Served Weapons	26.2	25.2	49.1	48.5	48.6	48.6	48.6	48.6
Conventional Arms and Explosives	1.3	1.2	.3	.3	.3	.3	.3	.3
Other (Specify) **	.5	.5	.3	.3	.3	.7	.7	.7
Total	33.1	31.8	55.6	55.0	55.1	54.3	54.3	54.3

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.

NOTE: Since actual workload data was not available for FY86-89, historical workload data by PEI/Component are estimates based on the average FY90 and FY93 commodity mix.

8. Ordnance, Weapons, and Munitions, continued

SUPPLEMENTAL

Table 8.1.d: Predicted Weapons, Ordnance, and Munitions Workload

Ordnance Type	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons							
Chemical and Biological Weapons							
Artillery and Guns	5.0	6.4	6.4	6.4	5.1	5.1	5.1
Small Arms, Crew Served Weapons	136.6	109.9	158.9	158.9	158.9	158.9	158.9
Conventional Arms and Explosives	1.2	.3	.3	.3	.3	.3	.3
Other (Specify) **	.5	.4	.4	.4	.7	.7	.7
Total	143.3	117.0	166.0	166.0	165.0	165.0	165.0

* Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.

NOTE: (1) Work is total predicted and consists of ILSD POM and average of FY90 and FY93 non ILSD work. Not adjusted to 1-8-5.

(2) FY93 DLMHs represent the historic "high water mark" for the Albany Maintenance Center. The total FY93 DLMHs executed were 1,568,741 of which 337,809 represent overtime expended. Second shift DLMHs expended were 187,339.

8. Ordnance, Weapons, and Munitions, continued

8.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the ordnance, weapons and munitions production that was executed in and is programmed for the FY requested in units throughput and in DLMHs.of the construction equipment production that was executed in and is programmed for the FY requested in units throughput and in DLMHs.

Table 8.2.a: Historic and Projected Ordnance Core Workload

Ordnance Type	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons								
Chemical and Biological Weapons								
Artillery and Guns	203	284	167	166	246	272	272	272
Small Arms, Crew Served Weapons	15,792	13,876	14,237	14,975	12,660	12,663	12,663	12,663
Conventional Arms and Explosives	127	54						
Other (Specify) **	60	39				17	17	17
Total	16,182	14,253	14,404	15,141	12,906	12,952	12,952	12,952

* **Units throughput includes work performed for the Army.**
** **Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.**

Table 8.2.b: Historic and Projected Ordnance Core Workload

Ordnance Type	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons								
Chemical and Biological Weapons								
Artillery and Guns	21.8	21.5	75.3	76.0	75.9	72.7	72.7	72.7
Small Arms, Crew Served Weapons	143.3	143.6	170.5	169.7	169.9	174.2	174.2	174.2
Conventional Arms and Explosives	6.6	6.6						
Other (Specify) **	1.3	1.2				1.3	1.3	1.3
Total	173.0	172.9	245.8	245.7	245.8	248.2	248.2	248.2

* **DLMHs include work performed for the Army.**
** **Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.**

8. Ordnance, Weapons and Munitions, continued

8.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand ordnance, weapons and munitions operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of ordnance, weapons and munitions/components and DLMHs that could be processed at this Logistics Base by category type.

Table 8.3.a Maximum Potential Ordnance Workload

Ordnance Type	* Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons							
Chemical and Biological Weapons							
Artillery and Guns	287	299	279	273	247	247	247
Small Arms, Crew Served Weapons	13,588	12,948	12,022	11,797	10,784	10,784	10,784
Conventional Arms and Explosives	64	17	16	16	15	15	15
Other (Specify) **	94	92	85	84	89	89	89
Total	14,033	13,356	12,402	12,170	11,135	11,135	11,135

* **Units throughput includes work performed for the Army.**
** **Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.**

Table 8.3.b: Maximum Potential Ordnance Workload

Ordnance Type	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons							
Chemical and Biological Weapons							
Artillery and Guns	4.6	5.7	5.3	5.2	3.8	3.8	3.8
Small Arms, Crew Served Wpns	23.5	47.3	43.6	42.9	39.1	39.1	39.1
Conventional Arms and Explosives	1.1	.3	.3	.2	.2	.2	.2
Other (Specify) **	.5	.3	.2	.3	.6	.6	.6
Total	29.7	53.6	49.4	48.6	43.7	43.7	43.7

* **DLMHs include work performed for the Army.**
** **Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.**

Activity: M67004

8. Ordnance, Weapons and Munitions, continued

SUPPLEMENTAL

Table 8.3.b: Maximum Executable Ordnance Workload (Add 8/2/94)

Ordnance Type	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons							
Chemical and Biological Weapons							
Artillery and Guns	5.4	7.2	6.6	6.5	4.7	4.7	4.7
Small Arms, Crew Served Wpns	148.6	124.3	162.9	160.3	147.9	147.9	147.9
Conventional Arms and Explosives	1.3	.3	.3	.3	.3	.3	.3
Other (Specify) **	.5	.5	.4	.4	.7	.7	.7
Total	155.8	132.3	170.2	167.5	153.6	153.6	153.6

* DLMHs include work performed for the Army, Navy, and Marine Corps.

** Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

8. Ordnance, Weapons and Munitions, continued

8.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased ordnance, weapons and munitions/component workload at this Logistics Base.

The total capacity of this Maintenance Center is determined from shop layouts which will accommodate a wide range of ground combat, combat support, and combat service support equipment. This concept allows for interchangeable or concurrent work on amphibious, combat, and tactical vehicles and construction, general purpose, and other end items equipment. Our Electronics and Communications Section and Ordnance, Weapons, and Munitions Section, although more specialized, are manned and equipped to work a broad range of specific commodity area items. However, the personnel skills within the Electronics and Communications Section spill over into our Automatic Test Support Branch and Metrology (Calibration) Branch, thereby making common a multi-commodity workload mix.

Our maximum potential capacity is based on shop layouts of work positions from which personnel can be most efficiently employed to perform simultaneous work on the greatest number of multi-commodity items. The calculations used to determine maximum potential capacity are as follows:

- Total Capacity of the Maintenance Center is determined by the number of work positions on shop layouts:

  -- Total Capacity = number of work positions x 1615 x .95 (DLMH)
  (Computations from DOD draft capacity handbook (DOD 4151.15-H))

- Total Capacity of a Commodity-Area is a fraction of the total capacity of the Maintenance Center.

  -- Capacity (by commodity) = commodity workload divided by total workload x total capacity

- Capacity Within a Commodity Area is determined from the number of elemental areas within a commodity area (engines, transmissions, etc.), based on the composition of the workload.

  -- Capacity (by element) = elemental workload divided by total commodity workload x capacity (of commodity area)

- Capacity by Units of Production is determined by multiplying the ratio of the total capacity of the commodity area and the total workload within the commodity area by the total number of scheduled units.

  -- Capacity (by units) = total commodity area capacity divided by total commodity area workload x total number of scheduled units

The following assumptions are made in determining maximum potential capacity.

- Projected workload will materialize as planned
- Budgeted and planned for (including MILCON) infrastructure and Industrial Plant Equipment improvements will be realized
- Production rates will remain stable
- No known or projected limitations will degrade our existing capacity.

8. Ordnance, Weapons and Munitions, continued

8.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform ordnance, weapons and munitions/component workload? What other investments in the industrial infrastructure would you make to increase your ordnance, weapons and munitions workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

Because we are a Multi-Commodity Maintenance Center, the required infrastructure improvements will similarly benefit the amphibious, combat, and tactical vehicle commodity areas; construction and general purpose equipment commodity areas; ordnance, weapons, and munitions commodity area; and the other end items commodity area.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

The following Industrial Plant Equipment is being procured to improve our existing industrial capabilities and throughput:

- Crankshaft Grinder (Computer Numeric Controlled (CNC) Machine)
- CNC Metal Brake Machine (Qty 2)
- Computerized Drilling and Circuit Board Unit
- Parts Retrieval Systems (Qty 4)

What other investments in the industrial infrastructure would you make to increase your ordnance, weapons, and munitions workload capabilities?

The following infrastructure projects are either ongoing, budgeted, or planned for in order to maintain/improve our existing industrial capabilities and throughput:

- Convert five existing acres to concrete hardstand	Planned
- Construction of equipment drain rack	Budgeted
- Replacement of the vehicle undercoating rack	Budgeted
- Improved engine dynamometer facility	MILCON, under construction
- Construction of a new, improved cleaning and coating facility	MILCON, under construction
- Construction of two commercial, stand-alone paint booths	Planned
- Enhancement of Intergraph (CAD/CAM) system to achieve compatibility with Flexible Computer Integrated Manufacturing (FCIM)	Ongoing
- Enhance existing anodizing system for small arms commodities	Budgeted

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The concrete hardstand improvement described above will increase the equipment staging area by 20 percent.

- The computer numeric controlled crankshaft grinder and metal brake machine will provide for increased production ranging from 30-50 percent depending upon the commodity being processed.

8. Ordnance, Weapons and Munitions, continued

- Replacement of the drain rack and undercoating facilities will enhance the capability to drain and/or undercoat both wheeled and tracked vehicles year-round. In addition, environmental problems with draining vehicles will be completely eliminated.

- The cleaning and coating facility will provide steam cleaning and abrasive blasting of wheeled and tracked vehicles and component parts in an enclosed environment. The facility will replace existing outdoor steam cleaning and abrasive blasting areas which produced airborne contaminants that affected surrounding shops and personnel.

- The engine dynamometer facility will provide six each, state-of-the-art test cells with electronic test consoles to provide more efficient IROAN diagnostic testing of engines with horsepower ranges from 250 to 1,500. The dynamometer and engine cooling water system is close-looped, reducing water usage and industrial waste treatment and costs.

- The construction of commercial paint booths will make available approximately 30,000 square feet of existing enclosed craneway for the repair/rebuild of engineer equipment and other commodity items.

- The installation of flexible integrated computer manufacturing hardware and software will enhance the integration capabilities of going from design to fabricated parts produced by welding, flame-o-graph, punching, machining, and forming by computer ties between the designer and personnel and machines creating the parts. Significant savings will be realized in fabrication of parts due to reduction of several design and programming steps presently required for the start of design to actual part completion.

- An enhanced anodizing system will increase production capability and enhance the quality of small arms items. Anodizing increases the life cycle of small arms by preventing corrosion and also provides a non-glare surface.

What are the associated costs?

- Costs for the budgeted and planned infrastructure improvements are estimated to be $2.88M.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be $810K.

What would be the payback period and return on investment?

The payback period for both industrial plant equipment and infrastructure improvements is 14.0 years. Return on investment is 19.67 percent. The payback period and return on investment are based on information from the following sources:

Cost Estimating, Second Edition; Rodney D. Stewart, John Wiley and Sons, 1991

Industrial Engineering Methods and Controls; Donald R. Herzog, Restin Publishing Company, INC., 1985

8.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of ordnance, weapons and munitions workload at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

8. Ordnance, Weapons and Munitions, continued

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The Base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated DRMO accepts long term storage of hazardous waste. DRMO's TSDF is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the Base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks places MCLB Albany in an excellent position to increase operations.

Mission Area

9. General Purpose Equipment

9.1 Given the current configuration and operation of the Logistics Base, provide the General Purpose Equipment/Component production (e.g., decontamination units, water purification units, refrigerated containers, etc.) that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 9.1.a and 9.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 9.1.c and 9.1.d).

Table 9.1.a: Historic General Purpose Equipment/Component Workload

General Purpose Equipment/ Components	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Rail Equipment								
Generator Sets	301	340	303	238	274	32	203	217
General Purpose Maintenance Tooling/Equipment	1,707	1,930	1,719	1,348	1,245	450	1,025	1,540
Other (Specify) *	310	351	312	245	353	14	1,476	153
Total	2,318	2,621	2,334	1,831	1,872	496	2,704	1,910

*** Includes miscellaneous items such as, fuel tanks and fabric drums.**

Table 9.1.b: Projected General Purpose Equipment/Component Workload
(Revised 8/2/94)

General Purpose Equipment/ Components	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment								
Generator Sets	245	245	250	250	229	229	229	229
General Purpose Maintenance Tooling/Equipment	1,393	1,393	1,637	1,637	1,637	1,747	1,747	1,747
Other (Specify) *	253	253	191	191	191	191	191	191
Total	1,891	1,891	2,078	2,078	2,057	2,167	2,167	2,167

*** Includes miscellaneous items such as, fuel tanks and fabric drums.**

NOTE: Since actual workload data was not available for FY86-89, historical workload data by PEI/Component are estimates based on the average FY90 and FY93 commodity mix.

9. **General Purpose Equipment, continued**

Table 9.1.c: Historic General Purpose Equipment/Component Workload

General Purpose Equipment/ Components	DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Rail Equipment								
Generator Sets	4.2	4.3	4.3	4.3	5.3	3.9	6.0	5.5
General Purpose Maintenance Tooling/Equipment	14.3	14.8	14.9	14.9	15.2	16.6	14.1	22.0
Other (Specify) *	3.1	3.3	3.3	3.3	1.7	5.3	7.9	6.4
Total	21.6	22.4	22.5	22.5	22.2	25.8	28.0	33.9

* Includes miscellaneous items such as, fuel tanks and fabric drums.

Table 9.1.d: Projected General Purpose Equipment/Component Workload

General Purpose Equipment/ Components	DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment								
Generator Sets	6.9	6.6	5.7	4.1	4.1	4.1	4.1	4.1
General Purpose Maintenance Tooling/Equipment	23.8	22.8	7.8	7.8	7.8	59.0	59.0	59.0
Other (Specify) *	5.2	5.0	1.4	1.4	1.4	1.4	1.4	1.4
Total	35.9	34.4	14.9	13.3	13.3	64.5	64.5	64.5

* Includes miscellaneous items such as, fuel tanks and fabric drums.

9. **General Purpose Equipment, continued**

SUPPLEMENTAL

Table 9.1.d: Predicted General Purpose Equipment Workload (Add 8/2/94)

General Purpose Equipment/ Components	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment							
Generator Sets	6.8	6.5	6.5	4.9	4.9	4.9	4.9
General Purpose Maintenance Tooling/Equipment	17.8	1.7	1.7	1.7	16.4	16.4	16.4
DECON Units	.6	.5	.5	.5	.5	.5	.5
ROWPUs	5.4	5.1	5.1	5.1	42.6	42.6	42.6
Other (Specify)	5.4	1.6	1.6	1.6	1.6	1.6	1.6
Total	36.0	15.4	15.4	13.8	66.0	66.0	66.0

*Includes miscellaneous items such as, fuel tanks and fabric drums.

NOTE: (1) Work is total predicted and consists of ILSD POM and average of FY90 and FY93 non ILSD work. Not adjusted to 1-8-5.

(2) FY93 DLMHs represent the historic "high water mark" for the Albany Maintenance Center. The total FY93 DLMHs executed were 1,568,741 of which 337,809 represent overtime expended. Second shift DLMHs expended were 187,339.

9. General Purpose Equipment, continued

9.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the general purpose equipment production that was executed in and is programmed for the FY requested in units throughput and in DLMHs. N/A

Table 9.2.a: Projected General Purpose Equipment/Component Core Workload

General Purpose Equipment/ Components	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment								
Generator Sets								
General Purpose Maintenance Tooling/Equipment								
Other (Specify)								
Total								

Table 9.2.b: Projected General Purpose Equipment/Component Core Workload

General Purpose Equipment/ Components	DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment								
Generator Sets								
General Purpose Maintenance Tooling/Equipment								
Other (Specify)								
Total								

9. General Purpose Equipment, continued

9.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand general purpose equipment/component operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum units of general purpose equipment/components and DLMHs that could be processed at this Logistics Base by category type.

Table 9.3.a Maximum Potential General Purpose Equip/Component Workload

General Purpose Equipment/ Components	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment							
Generator Sets	216	241	225	202	184	184	184
General Purpose Maintenance Tooling/Equipment	1,303	1,579	1,471	1,443	1,407	1,407	1,407
Other (Specify) *	237	184	172	168	154	154	154
Total	1,756	2,004	1,868	1,813	1,745	1,745	1,745

*** Includes miscellaneous items such as, fuel tanks and fabric drums.**

9. General Purpose Equipment, continued

Table 9.3.b Maximum Potential General Purpose Equip/Component Workload

General Purpose Equipment/ Components	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment							
Generator Sets	6.2	5.5	3.7	3.6	3.3	3.3	3.3
General Purpose Maintenance Tooling/Equipment	21.3	7.5	7.0	6.9	47.6	47.6	47.6
Other (Specify) *	4.7	1.4	1.3	1.2	1.1	1.1	1.1
Total	32.2	14.4	12.0	11.7	52.0	52.0	52.0

* Includes miscellaneous items such as, fuel tanks and fabric drums.

9. General Purpose Equipment, continued

SUPPLEMENTAL

Table 9.3.b Maximum Executable General Purpose Equip/Component Workload
(Add 8/2/94)

General Purpose Equipment/ Components	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment							
Generator Sets	7.4	7.4	6.7	4.9	4.6	4.6	4.6
General Purpose Maintenance Tooling/Equipment	26.0	8.3	7.4	7.3	55.5	55.5	55.5
Other (Specify) *	5.9	1.8	1.6	1.6	1.5	1.5	1.5
Total	39.3	17.5	15.7	13.8	61.6	61.6	61.6

* Includes miscellaneous items such as, fuel tanks and fabric drums.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

9. General Purpose Equipment, continued

9.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased general purpose equipment/component workload at this Logistics Base.

The total capacity of this Maintenance Center is determined from shop layouts which will accommodate a wide range of ground combat, combat support, and combat service support equipment. This concept allows for interchangeable or concurrent work on amphibious, combat, and tactical vehicles and construction, general purpose, and other end items equipment. Our Electronics and Communications Section and Ordnance, Weapons, and Munitions Section, although more specialized, are manned and equipped to work a broad range of specific commodity area items. However, the personnel skills within the Electronics and Communications Section spill over into our Automatic Test Support Branch and Metrology (Calibration) Branch, thereby making common a multi-commodity workload mix.

Our maximum potential capacity is based on shop layouts of work positions from which personnel can be most efficiently employed to perform simultaneous work on the greatest number of multi-commodity items. The calculations used to determine maximum potential capacity are as follows:

- Total Capacity of the Maintenance Center is determined by the number of work positions on shop layouts:
  -- Total Capacity = number of work positions x 1615 x .95 (DLMH)
     (Computations from DOD draft capacity handbook (DOD 4151.15-H))

- Total Capacity of a Commodity-Area is a fraction of the total capacity of the Maintenance Center.
  -- Capacity (by commodity) = commodity workload divided by total workload x total capacity

- Capacity Within a Commodity Area is determined from the number of elemental areas within a commodity area (engines, transmissions, etc.), based on the composition of the workload.
  -- Capacity (by element) = elemental workload divided by total commodity workload x capacity (of commodity area)

- Capacity by Units of Production is determined by multiplying the ratio of the total capacity of the commodity area and the total workload within the commodity area by the total number of scheduled units.
  -- Capacity (by units) = total commodity area capacity divided by total commodity area workload x total number of scheduled units

The following assumptions are made in determining maximum potential capacity.

- Projected workload will materialize as planned
- Budgeted and planned for (including MILCON) infrastructure and Industrial Plant Equipment improvements will be realized
- Production rates will remain stable
- No known or projected limitations will degrade our existing capacity.

9.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform general purpose equipment/component workload? What other investments in the industrial infrastructure would you make to increase your general purpose equipment/component workload capabilities? Describe quantitatively how the changes

9. General Purpose Equipment, continued

above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

Because we are a Multi-Commodity Maintenance Center, the required infrastructure improvements will similarly benefit the amphibious, combat, and tactical vehicle commodity areas; construction and general purpose equipment commodity areas; ordnance, weapons, and munitions commodity area; and the other end items commodity area.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

The following Industrial Plant Equipment is being procured to improve our existing industrial capabilities and throughput:

- Crankshaft Grinder (Computer Numeric Controlled (CNC) Machine)
- CNC Metal Brake Machine (Qty 2)
- Computerized Drilling and Circuit Board Unit
- Parts Retrieval Systems (Qty 4)

What other investments in the industrial infrastructure would you make to increase your general purpose equipment workload capabilities?

The following infrastructure projects are either ongoing, budgeted, or planned for in order to maintain/improve our existing industrial capabilities and throughput:

- Convert five existing acres to concrete hardstand	Planned
- Construction of equipment drain rack	Budgeted
- Replacement of the vehicle undercoating rack	Budgeted
- Improved engine dynamometer facility	MILCON, under construction
- Construction of a new, improved cleaning and coating facility	MILCON, under construction
- Construction of two commercial, stand-alone paint booths	Planned
- Enhancement of Intergraph (CAD/CAM) system to achieve compatibility with Flexible Computer Integrated Manufacturing (FCIM)	Ongoing
- Enhance existing anodizing system for small arms commodities	Budgeted

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The concrete hardstand improvement described above will increase the equipment staging area by 20 percent.

- The computer numeric controlled crankshaft grinder and metal brake machine will provide for increased production ranging from 30-50 percent depending upon the commodity being processed.

9. **General Purpose Equipment, continued**

- Replacement of the drain rack and undercoating facilities will enhance the capability to drain and/or undercoat both wheeled and tracked vehicles year-round. In addition, environmental problems with draining vehicles will be completely eliminated.

- The cleaning and coating facility will provide steam cleaning and abrasive blasting of wheeled and tracked vehicles and component parts in an enclosed environment. The facility will replace existing outdoor steam cleaning and abrasive blasting areas which produced airborne contaminants that affected surrounding shops and personnel.

- The engine dynamometer facility will provide six each, state-of-the-art test cells with electronic test consoles to provide more efficient IROAN diagnostic testing of engines with horsepower ranges from 250 to 1500. The dynamometer and engine cooling water system is close-looped, reducing water usage and industrial waste treatment and costs.

- The construction of commercial paint booths will make available approximately 30,000 square feet of existing enclosed craneway for the repair/rebuild of engineer equipment and other commodity items.

- The installation of flexible integrated computer manufacturing hardware and software will enhance the integration capabilities of going from design to fabricated parts produced by welding, flame-o-graph, punching, machining, and forming by computer ties between the designer and personnel and machines creating the parts. Significant savings will be realized in fabrication of parts due to reduction of several design and programming steps presently required for the start of design to actual part completion.

- An enhanced anodizing system will increase production capability and enhance the quality of small arms items. Anodizing increases the life cycle of small arms by preventing corrosion and also provides a non-glare surface.

What are the associated costs?

- Costs for the budgeted and planned infrastructure improvements are estimated to be $2.88M.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be $810K.

What would be the payback period and return on investment?

The payback period for both industrial plant equipment and infrastructure improvements is 14.0 years. Return on investment is 19.67 percent. The payback period and return on investment are based on information from the following sources:

<u>Cost Estimating, Second Edition</u>; Rodney D. Stewart, John Wiley and Sons, 1991

<u>Industrial Engineering Methods and Controls</u>; Donald R. Herzog, Restin Publishing Company, INC., 1985

9.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of general purpose equipment/component workload at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit

9. **General Purpose Equipment, continued**

and could go to 24 hour a day, seven day a week operation without violating air permit terms.

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this Base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The Base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated DRMO accepts long term storage of hazardous waste. DRMO's TSDF is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the Base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the Base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks place MCLB Albany in an excellent position to increase operations.

Mission Area

10. Other End Items

10.1 Given the current configuration and operation of the Logistics Base, provide the Other End Item/Component production (e.g. TMDE, tool kits, test sets, etc.) that was executed in and is programmed for the Fiscal Years (FYs) requested in both number of units throughput (both PEIs and components) (Tables 10.1.a and 10.1.b) and in Direct Labor Man Hours (DLMHs) (Tables 10.1.c and 10.1.d).

Table 10.1.a: Historic Other End Item/Component Workload

Other End Items/ Components (Specify) **	* Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
TMDE	6,700	7,575	6,745	5,290	6,530	6,783	9,560	4,401
Software Support	4	4	4	3	2	1	2	4
Other Support Projects	5,517	6,238	5,554	4,356	5,953	13,696	2,320	3,048
Total	12,221	13,817	12,303	9,649	12,485	20,480	11,882	7,453

* Units throughput includes work performed for the Army and Coast Guard.
** Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.

Table 10.1.b: Projected Other End Item/Component Workload

Other End Items/ Components (Specify) **	* Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE	5,466	5,466	3,483	3,483	3,483	3,483	3,483	3,483
Software Support	3	3	2	2	2	2	2	2
Other Support Projects	4,501	4,501	3,596	3,596	3,596	3,596	3,596	3,596
Total	9,970	9,970	7,081	7,081	7,081	7,081	7,081	7,081

* Units throughput includes work performed for the Army.
** Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.

10. Other End Items, continued

Table 10.1.c: Historic Other End Item/Component Workload

Other End Items/ Components (Specify) **	* DLMHs (000s)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
TMDE	65.2	67.6	67.7	68.1	64.3	80.7	84.1	105.4
Software Support	.9	1.0	1.0	1.0	.7	2.1	2.5	1.7
Other Support Projects	73.2	76.0	76.0	76.4	122.9	162.0	104.0	67.6
Total	139.3	144.6	144.7	145.5	187.9	244.8	190.6	174.7

* DLMHs include work performed for the Army and Coast Guard.
** Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.

Table 10.1.d: Projected Other End Item/Component Workload

Other End Items/ Components (Specify) **	* DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE	108.3	104.1	85.2	85.2	85.2	85.2	85.2	85.2
Software Support	1.5	1.5	5.9	5.9	5.9	5.9	5.9	5.9
Other Support Projects	121.6	116.9	86.7	86.7	86.7	86.7	86.7	86.7
Total	231.4	222.5	177.8	177.8	177.8	177.8	177.8	177.8

* DLMHs include work performed for the Army.
** Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.

10. Other End Items, continued

SUPPLEMENTAL

Table 10.1.d: Predicted Other End Item Workload (Add 8/2/94)

Other End Items/ Components (Specify)	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE	36.0	34.4	34.4	34.4	34.4	34.4	34.4
Test Sets	70.2	67.3	67.3	67.3	67.3	67.3	67.3
Software		6.2	6.2	6.2	6.2	6.2	6.2
Other (Specify) *	101.2	87.2	87.2	87.2	87.2	87.2	87.2
Total	207.4	195.1	195.1	195.1	195.1	195.1	195.1

* Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.

NOTE: (1) Work is total predicted and consists of ILSD POM and average of FY90 and FY93 non ILSD work. Not adjusted to 1-8-5.

(2) FY93 DLMHs represent the historic "high water mark" for the Albany Maintenance Center. The total FY93 DLMHs executed were 1,568,741 of which 337,809 represent overtime expended. Second shift DLMHs expended were 187,339.

10. Other End Items, continued

10.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the other end item production that was executed in and is programmed for the FY requested in units throughput and in DLMHs.

N/A

Table 10.2.a: Projected Other End Item/Component Core Workload

Other End Items/ Components (Specify)	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE								
Software Support								
Other Support Projects								
Total								

Table 10.2.b: Projected Other End Item/Component Core Workload

Other End Items/ Components (Specify)	DLMHs (000s)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE								
Software Support								
Other Support Projects								
Total								

10. Other End Items, continued

10.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this Logistics Base could expand other end item/component operations based on the current and future planned workload mixes? Please provide your response in the absolute maximum units of other end items/components and DLMHs that could be processed at this Logistics Base by category type.

Table 10.3.a Maximum Potential Other End Item/Component Workload

Other End Items/ Components (Specify) **	* Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE	5,111	3,360	3,131	3,069	2,806	2,806	2,806
Software Support	3	2	2	2	2	2	2
Other Support Projects	4,209	3,469	3,233	3,169	2,897	2,897	2,897
Total	9,323	6,831	6,366	6,240	5,705	5,705	5,705

* **Units throughput includes work performed for the Army.**
** **Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.**

Table 10.3.b: Maximum Potential Other End Item/Component Workload

Other End Items/ Components (Specify) **	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE	1.4	5.7	5.3	5.2	4.8	4.8	4.8
Software Support	97.4	82.2	76.6	75.1	68.6	68.6	68.6
Other Support Projects	109.3	83.6	77.9	76.4	69.8	69.8	69.8
Total	208.1	171.5	159.8	156.7	143.2	143.2	143.2

* **DLMHs include work performed for the Army.**
** **Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.**

10. Other End Items, continued

SUPPLEMENTAL

Table 10.3.b: Maximum Executable Other End Item/Component Workload
(Add 8/2/94)

Other End Items/ Components (Specify) **	* DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE	39.2	38.9	35.3	34.7	32.0	32.0	32.0
Software Support		7.0	6.4	6.3	5.8	5.8	5.8
Other Support Projects	110.1	98.7	89.4	88.0	81.2	81.2	81.2
Test Sets	76.4	76.1	69.0	67.9	62.7	62.7	62.7
Total	225.7	220.7	200.1	196.9	181.7	181.7	181.7

* DLMHs include work performed for the Army, Navy, and Marine Corps.
** Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

10. Other End Items, continued

10.4 Provide details of your calculations including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased other end item/component workload at this Logistics Base.

The total capacity of this Maintenance Center is determined from shop layouts which will accommodate a wide range of ground combat, combat support, and combat service support equipment. This concept allows for interchangeable or concurrent work on amphibious, combat, and tactical vehicles and construction, general purpose, and other end items equipment. Our Electronics and Communications Section and Ordnance, Weapons, and Munitions Section, although more specialized, are manned and equipped to work a broad range of specific commodity area items. However, the personnel skills within the Electronics and Communications Section spill over into our Automatic Test Support Branch and Metrology (Calibration) Branch, thereby making common a multi-commodity workload mix.

Our maximum potential capacity is based on shop layouts of work positions from which personnel can be most efficiently employed to perform simultaneous work on the greatest number of multi-commodity items. The calculations used to determine maximum potential capacity are as follows:

- <u>Total Capacity of the Maintenance Center</u> is determined by the number of work positions on shop layouts:

  -- Total Capacity = number of work positions x 1615 x .95 (DLMH)
  (Computations from DOD draft capacity handbook (DOD 4151.15-H))

- <u>Total Capacity of a Commodity-Area</u> is a fraction of the total capacity of the Maintenance Center.

  -- Capacity (by commodity) = commodity workload divided by total workload x total capacity

- <u>Capacity Within a Commodity Area</u> is determined from the number of elemental areas within a commodity area (engines, transmissions, etc.), based on the composition of the workload.

  -- Capacity (by element) = elemental workload divided by total commodity workload x capacity (of commodity area)

- <u>Capacity by Units of Production</u> is determined by multiplying the ratio of the total capacity of the commodity area and the total workload within the commodity area by the total number of scheduled units.

  -- Capacity (by units) = total commodity area capacity divided by total commodity area workload x total number of scheduled units

The following assumptions are made in determining maximum potential capacity.

- Projected workload will materialize as planned
- Budgeted and planned for (including MILCON) infrastructure and Industrial Plant Equipment improvements will be realized
- Production rates will remain stable
- No known or projected limitations will degrade our existing capacity.

10.5 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform other end item/component workload? What other investments in the industrial infrastructure would you make to increase your other end item/component workload capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's capabilities. What are the associated costs? What would be the payback period and return on investment?

10. Other End Items, continued

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

Because we are a Multi-Commodity Maintenance Center, the required infrastructure improvements will similarly benefit the amphibious, combat, and tactical vehicle commodity areas; construction and general purpose equipment commodity areas; ordnance, weapons, and munitions commodity area; and the other end items commodity area.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

The following Industrial Plant Equipment is being procured to improve our existing industrial capabilities and throughput:

- Crankshaft Grinder (Computer Numeric Controlled (CNC) Machine)
- CNC Metal Brake Machine (Qty 2)
- Computerized Drilling and Circuit Board Unit
- Parts Retrieval Systems (Qty 4)

What other investments in the industrial infrastructure would you make to increase your other end items workload capabilities?

The following infrastructure projects are either ongoing, budgeted, or planned for in order to maintain/improve our existing industrial capabilities and throughput:

- Convert five existing acres to concrete hardstand	Planned
- Construction of equipment drain rack	Budgeted
- Replacement of the vehicle undercoating rack	Budgeted
- Improved engine dynamometer facility	MILCON, under construction
- Construction of a new, improved cleaning and coating facility	MILCON, under construction
- Construction of two commercial, stand-alone paint booths	Planned
- Enhancement of Intergraph (CAD/CAM) system to achieve compatibility with Flexible Computer Integrated Manufacturing (FCIM)	Ongoing
- Enhance existing anodizing system for small arms commodities	Budgeted

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The concrete hardstand improvement described above will increase the equipment staging area by 20 percent.

- The computer numeric controlled crankshaft grinder and metal brake machine will provide for increased production ranging from 30-50 percent depending upon the commodity being processed.

- Replacement of the drain rack and undercoating facilities will enhance the capability to drain and/or undercoat both wheeled and tracked vehicles year-round. In addition, environmental problems with draining vehicles will be completely eliminated.

- The cleaning and coating facility will provide steam cleaning and abrasive blasting of wheeled and tracked vehicles and component parts in an enclosed environment. The facility will replace existing outdoor steam cleaning and abrasive blasting areas which produced airborne contaminants that affected surrounding shops and personnel.

10. **Other End Items, continued**

- The engine dynamometer facility will provide six each, state-of-the-art test cells with electronic test consoles to provide more efficient IROAN diagnostic testing of engines with horsepower ranges from 250 to 1,500. The dynamometer and engine cooling water system is close-looped, reducing water usage and industrial waste treatment and costs.

- The construction of commercial paint booths will make available approximately 30,000 square feet of existing enclosed craneway for the repair/rebuild of engineer equipment and other commodity items.

- The installation of flexible integrated computer manufacturing hardware and software will enhance the integration capabilities of going from design to fabricated parts produced by welding, flame-o-graph, punching, machining, and forming by computer ties between the designer and personnel and machines creating the parts. Significant savings will be realized in fabrication of parts due to reduction of several design and programming steps presently required for the start of design to actual part completion.

- An enhanced anodizing system will increase production capability and enhance the quality of small arms items. Anodizing increases the life cycle of small arms by preventing corrosion and also provides a non-glare surface.

What are the associated costs?

- Costs for the budgeted and planned infrastructure improvements are estimated to be $2.88M.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be $810K.

What would be the payback period and return on investment?

The payback period for both industrial plant equipment and infrastructure improvements is 14.0 years. Return on investment is 19.67 percent. The payback period and return on investment are based on information from the following sources:

<u>Cost Estimating, Second Edition</u>; Rodney D. Stewart, John Wiley and Sons, 1991

<u>Industrial Engineering Methods and Controls</u>; Donald R. Herzog, Restin Publishing Company, INC., 1985

10.6 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of other end item/component workload at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

10. Other End Items, continued

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated DRMO accepts long term storage of hazardous waste. DRMO's TSDF is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the Base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks places MCLB Albany in an excellent position to increase operations.

Mission Area

11. Formal Schools Training

11.1 Given the current configuration and operation of the Logistics Base, provide the number of students that were processed and are programmed for the Fiscal Years (FYs) requested (Tables 11.1.a and 11.1.b) by Course Identification Number (CIN) for each major curriculum area (e.g. TMDE; electrical optical ordnance; EOOTC; Defense Basic P,P&P; WCC; MCATES). List other significant schools as appropriate.

Table 11.1.a: Historic/Projected Training Workload

School CIN	Student Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
M0728T1	31	31	28	19	27	17	10	5
M0728T2								
M0757L1	20	20	44	73	80	81	90	66
M07COY1	56	73	65	69	58	0	54	58
M07SCM1	206	251	322	192	216	191	236	216
Total	313	375	459	353	381	289	390	345

Table 11.1.b: Historic/Projected Training Workload

School CIN	Student Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
M0728T1	22	18	22	28	28	28	28	28
M0728T2	30	104	104	104	104	104	104	104
M0757L1	112	124	142	142	142	142	142	142
M07COY1	46	70	70	70	70	70	70	70
M07SCM1	258	213	254	254	254	254	254	254
Total	468	529	592	598	598	598	598	598

11. Formal Schools Training, continued

(Table 11.2 revised 6/27/94)

11.2 Given the current configuration and operation of the Logistics Base, provide the Core portion of the formal student training production that was executed in and programmed for the FY requested..

Table 11.2: Historic/Projected Training Core Workload

School CIN	Student Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
M0728T1	22	18	22	28	28	28	28	28
M0728T2	30	104	104	104	104	104	104	104
M0757L1	112	124	142	142	142	142	142	142
M07COY1	46	70	70	70	70	70	70	70
M07SCM1	258	213	254	254	254	254	254	254
Total	468	529	592	598	598	598	598	598

11. Formal Schools Training, continued

11.3 Using your current facilities, what is the maximum number of students that could be processed through the MCLB for each major curriculum area? List other significant schools as appropriate.

Table 11.3.a: Maximum Potential Student Throughput

School	Students Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
M0728T1	24	24	24	24	24	24	24
M0728T2	96	96	96	96	96	96	96
M0757L1	140	140	140	140	140	140	140
M07C0Y1	70	70	70	70	70	70	70
M07SCM1	350	350	350	350	350	350	350
Total	680	680	680	680	680	680	680

11. Formal Schools Training, continued

11.4 Using your current facilities, what is the maximum number of students that could be processed at one time (maximum onboard count). List other significant schools as appropriate.

Table 11.4.a: **Maximum Students Onboard**

School	Students Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
M0728T1	16	16	16	16	16	16	16
M0728T2	64	64	64	64	64	64	64
M0757L1	112	112	112	112	112	112	112
M07COY1	35	35	35	35	35	35	35
M07SCM1	350	350	350	350	350	350	350
Total	577	577	577	577	577	577	577

11.5 Provide details of your calculations including assumptions on additional space utilized, major equipment required, and constraints that limit increased formal school student throughput at this Logistics Base.

The constraints that will hamper any increases to formal student throughput would be the availability of additional instruction staff and procurement of additional Table of Equipment for use within the classroom environment.

11.6 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your Logistics Base's capability to perform formal school training functions? What other investments in the industrial infrastructure would you make to increase your training capabilities? Describe quantitatively how the changes above would increase your Maintenance Center's or Logistics Base's capabilities. What are the associated costs? What would be the payback period and return on investment?

The current MCLB infrastructure for messing and support facilities are adequate to meet most of the formal schools needs. Additional classroom and Bachelor Enlisted Quarters (BEQ) billeting facilities are necessary to adequately support the formal school. Additional costs associated with the need for additional classrooms and BEQ facilities would be $1 million per 100 students for both classroom and BEQ spaces.

11.7 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of schools training at this Logistics Base?

None.

Mission Area

12. Workload Summary

12.1 Predicted Workload Variance. Bring forward the information from Tables #.1 and #.3 in sections 1 through 11 above calculate the workload variance for each FY requested.

Table 12.1.a: Workload Variance FY 1995 (Revised 8/2/94)

FY 1995 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	1,182	1,106	76	326.5	305.4	21.1
Combat Vehicles	1,575	1,473	102	104.8	98.0	6.8
Tactical Vehicles	3,187	2,952	235	365.4	341.7	23.7
Construction Equipment	497	465	32	58.1	54.3	3.8
Electronics & Comm Systems	7,506	7,020	486	155.8	145.7	10.1
Ordn, Wpns & Munitions	15,005	14,033	972	31.8	29.7	2.1
GPE	1,891	1,756	135	34.4	32.2	2.2
Other End Items	9,970	9,323	647	222.5	208.1	14.4
Total:	40,813	38,128	2,685	1,299.3	1,215.1	84.2
School Training	Students Planned	Maximum Potential	Variance	Students OnBoard	Potential OnBoard	Variance
Student Totals:	529	680	<151>	529	680	<151>

*** Units throughput and DLMHs include work performed for the Army and Air Force.**

12. Workload Summary, continued

SUPPLEMENTAL

Table 12.1.a: Workload Variance FY 1995 (Add 8/2/94)

FY 1995 Commodity Group	* DLMHs (000)		
	Predicted Workload	Maximum Executable	Variance
Missiles			
Amphibious Vehicles	334.6	364.0	(29.4)
Combat Vehicles	106.4	115.9	(9.5)
Tactical Vehicles	391.4	425.9	(34.5)
Construction Equipment	63.5	69.1	(5.6)
Electronics & Comm Systems	159.1	173.1	(14.0)
Ordn, Wpns & Munitions	143.3	155.8	(12.5)
GPE	36.0	39.3	(3.3)
Other End Items	221.3	225.7	(4.4)
Total:	1,455.6	1,568.8	(113.2)

* Units throughput and DLMHs include work performed for the Army, Navy, Air Force, and Marine Corps.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

12. Workload Summary, continued

Table 12.1.b Workload Variance FY 1996 (Revised 8/2/94)

FY 1996 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	1,447	1,397	50	322.1	310.8	11.3
Combat Vehicles	1,360	1,313	47	54.5	52.6	1.9
Automotive Equipment						
Tactical Vehicles	3,373	3,254	119	472.5	455.9	16.6
Construction Equipment	399	384	15	19.1	18.4	.7
Electronics & Comm Systems	8,975	8,659	316	143.0	138.0	5.0
Ordn, Wpns & Munitions	13,844	13,356	488	55.6	53.6	2.0
General Purpose Eqmt	2,078	2,004	74	14.9	14.4	.5
Other End Items	7,081	6,831	250	177.8	171.5	6.3
Total:	38,557	37,198	1,359	1,259.5	1,215.2	44.3
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	592	680	(88)	592	680	(88)

* Units throughput and DLMHs include work performed for the Army and Air Force.

12. Workload Summary, continued

SUPPLEMENTAL

Table 12.1.b: Workload Variance FY 1996 (Acid 8/2/94)

FY 1996 Commodity Group	* DLMHs (000)		
	Predicted Workload	Maximum Executable	Variance
Missiles			
Amphibious Vehicles	328.7	371.8	(43.1)
Combat Vehicles	57.7	65.3	(7.6)
Tactical Vehicles	499.8	565.5	(65.7)
Construction Equipment	24.5	27.8	(3.3)
Electronics & Comm Systems	148.4	168.0	(19.6)
Ordn, Wpns & Munitions	117.0	132.3	(15.3)
GPE	15.4	17.5	(2.1)
Other End Items	208.4	220.7	(12.3)
Total:	1,399.9	1,568.9	(169.0)

* Units throughput and DLMHs include work performed for the Army, Navy, Air Force, and Marine Corps.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD PON AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

12. Workload Summary, continued

Table 12.1.c Workload Variance FY 1997 (Revised (8/2/94)

FY 1997 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	1,459	1,312	147	328.3	295.5	32.8
Combat Vehicles	1,360	1,222	138	54.5	49.0	5.5
Automotive Equipment						
Tactical Vehicles	3,461	3,111	350	511.5	459.6	51.9
Construction Equipment	433	389	44	62.0	55.7	6.3
Electronics & Comm Systems	9,117	8,195	922	149.3	134.2	15.1
Ordn, Wpns & Munitions	13,797	12,402	1,395	55.0	49.4	5.6
General Purpose Eqmt	2,078	1,868	210	13.3	12.0	1.3
Other End Items	7,081	6,366	715	177.8	159.8	18.0
Total:	38,786	34,865	3,921	1,351.7	1,215.2	136.5
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	<82>	598	680	<82>

* Units throughput and DLMHs include work performed for the Army and Air Force.

12. Workload Summary, continued

SUPPLEMENTAL

Table 12.1.c: Workload Variance FY 1997 (Add 8/2/94)

FY 1997 Commodity Group	* DLMHs (000)		
	Predicted Workload	Maximum Executable	Variance
Missiles			
Amphibious Vehicles	334.8	343.3	(8.5)
Combat Vehicles	57.7	59.1	(1.4)
Tactical Vehicles	538.9	552.4	(13.5)
Construction Equipment	67.5	69.2	(1.7)
Electronics & Comm Systems	154.8	158.8	(4.0)
Ordn, Wpns & Munitions	166.0	170.2	(4.2)
GPE	15.4	15.7	(0.3)
Other End Items	208.4	200.1	8.3
Total:	1,543.5	1,568.8	(25.3)

* Units throughput and DLMHs include work performed for the Army, Navy Air Force, and Marine Corps.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD PDM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

12. Workload Summary, continued

Table 12.1.d Workload Variance FY 1998 (Revised 8/2/94)

FY 1998 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	1,479	1,302	177	322.2	284.7	37.4
Combat Vehicles	1,360	1,199	161	54.5	48.0	6.5
Automotive Equipment						
Tactical Vehicles	3,613	3,184	429	585.1	515.6	69.5
Construction Equipment	433	382	51	62.0	54.6	7.4
Electronics & Comm Systems	8,018	7,066	952	107.9	95.1	12.8
Ordn, Wpns & Munitions	13,809	12,170	1,639	55.1	48.6	6.5
General Purpose Eqmt	2,057	1,813	244	13.3	11.7	1.6
Other End Items	7,081	6,240	841	177.8	156.7	21.0
Total:	37,850	33,356	4,494	1,377.9	1,215.0	162.7
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	(82)	598	680	(82)

* Units throughput and DLMHs include work performed for the Army and Air Force.

12. Workload Summary, continued SUPPLEMENTAL

Table 12.1.d: Workload Variance FY 1998 (Add 8/2/94)

FY 1998 Commodity Group	* DLMHs (000)		
	Predicted Workload	Maximum Executable	Variance
Missiles			
Amphibious Vehicles	329.6	332.5	(2.9)
Combat Vehicles	57.7	58.4	(0.7)
Tactical Vehicles	612.4	617.7	(5.3)
Construction Equipment	67.5	68.1	(0.6)
Electronics & Comm Systems	113.2	114.1	(0.9)
Ordn, Wpns & Munitions	166.0	167.5	(1.5)
GPE	13.8	13.8	0.0
Other End Items	208.4	196.9	11.5
Total:	1,568.6	1,569.0	(0.4)

* Units throughput and DLMHs include work performed for the Army, Navy, Air Force, and Marine Corps.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-II-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

12. Workload Summary, continued

Table 12.1.e Workload Variance FY 1999 (Revised 8/2/94)

FY 1999 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	1,479	1,192	287	322.2	260.3	62.8
Combat Vehicles	1,360	1,097	263	55.1	44.4	10.7
Automotive Equipment						
Tactical Vehicles	3,925	3,162	763	651.8	525.1	126.7
Construction Equipment	426	343	83	49.3	39.7	9.6
Electronics & Comm Systems	7,669	6,178	1,491	132.4	106.7	25.7
Ordn, Wpns & Munitions	13,821	11,135	2,686	54.3	43.7	10.6
General Purpose Eqmt	2,167	1,745	422	64.5	52.0	12.5
Other End Items	7,081	5,705	1,376	177.8	143.2	34.6
Total:	37,928	30,557	7,371	1,507.4	1,215.1	293.2
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	<82>	598	680	<82>

* Units throughput and DLMHs include work performed for the Army and Air Force.

12. Workload Summary, continued

SUPPLEMENTAL

Table 12.1.e: Workload Variance FY 1999 (Add 8/2/94)

FY 1999 Commodity Group	* DLMHs (000s)		
	Predicted Workload	Maximum Executable	Variance
Missiles			
Amphibious Vehicles	329.6	306.8	22.8
Combat Vehicles	57.7	53.7	4.0
Tactical Vehicles	679.1	632.3	46.8
Construction Equipment	54.7	51.0	3.7
Electronics & Comm Systems	137.9	128.4	9.5
Ordn, Wpns & Munitions	165.0	153.6	11.4
GPE	66.0	61.6	4.4
Other End Items	208.4	181.7	26.7
Total:	1,698.4	1,569.1	129.3

* Units throughput and DLMHs include work performed for the Army, Navy, Air Force, and Marine Corps.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

12. Workload Summary, continued

Table 12.1.f Workload Variance FY 2000 (Revised 8/2/94)

FY 2000 Commodity Group	* Units throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	1,479	1,192	287	322.2	260.3	62.8
Combat Vehicles	1,360	1,097	263	55.1	44.4	10.7
Automotive Equipment						
Tactical Vehicles	3,925	3,162	763	651.8	525.1	126.7
Construction Equipment	426	343	83	49.3	39.7	9.6
Electronics & Comm Systems	7,669	6,178	1,491	132.4	106.7	25.7
Ordn, Wpns & Munitions	13,821	11,135	2,686	54.3	43.7	10.6
General Purpose Eqmt	2,167	1,745	422	64.5	52.0	12.5
Other End Items	7,081	5,705	1,376	177.8	143.2	34.6
Total:	37,928	30,557	7,371	1,507.4	1,215.1	293.2
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	<82>	598	680	<82>

* Units throughput and DLMHs include work performed for the Army and Air Force.

12. Workload Summary, continued

SUPPLEMENTAL

Table 12.1.f: Workload Variance FY 2000 (Add 8/2/94)

FY 2000 Commodity Group	* DLMHs (000s)		
	Predicted Workload	Maximum Executable	Variance
Missiles			
Amphibious Vehicles	329.6	306.8	22.8
Combat Vehicles	57.7	53.7	4.0
Tactical Vehicles	679.1	632.3	46.8
Construction Equipment	54.7	51.0	3.7
Electronics & Comm Systems	137.9	128.4	9.5
Ordn, Wpns & Munitions	165.0	153.6	11.4
GPE	66.0	61.6	4.4
Other End Items	208.4	181.7	26.7
Total:	1,698.4	1,569.1	129.3

* Units throughput and DLMHs include work performed for the Army, Navy, Air Force, and Marine Corps.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD PCM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-8-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

12. Workload Summary, continued

Table 12.1.g Workload Variance FY 2001 (Revised 8/2/94)

FY 2001 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	1,479	1,192	287	322.2	260.3	62.8
Combat Vehicles	1,360	1,097	263	55.1	44.4	10.7
Automotive Equipment						
Tactical Vehicles	3,925	3,162	763	651.8	525.1	126.7
Construction Equipment	426	343	83	49.3	39.7	9.6
Electronics & Comm Systems	7,669	6,178	1,491	132.4	106.7	25.7
Ordn, Wpns & Munitions	13,821	11,135	2,686	54.3	43.7	10.6
General Purpose Eqmt	2,167	1,745	422	64.5	52.0	12.5
Other End Items	7,081	5,705	1,376	177.8	143.2	34.6
Total:	37,928	30,557	7,371	1,507.4	1,215.1	293.2
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	<82>	598	680	<82>

* Units throughput and DLMHs include work performed for the Army and Air Force.

12. Workload Summary, continued

SUPPLEMENTAL

Table 12.1.g: Workload Variance FY 2001 (Add 8/2/94)

FY 2001 Commodity Group	* DLMHs (000s)		
	Predicted Workload	Maximum Executable	Variance
Missiles			
Amphibious Vehicles	329.6	306.8	22.8
Combat Vehicles	57.7	53.7	4.0
Tactical Vehicles	679.1	632.3	46.8
Construction Equipment	54.7	51.0	3.7
Electronics & Comm Systems	137.9	128.4	9.5
Ordn, Wpns & Munitions	165.0	153.6	11.4
GPE	66.0	61.6	4.4
Other End Items	208.4	181.7	26.7
Total:	1,698.4	1,569.1	129.3

* Units throughput and DLMHs include work performed for the Army, Navy, Air Force, and Marine Corps.

NOTE: (1) WORK IS TOTAL PREDICTED AND CONSISTS OF ILSD POM AND AVERAGE OF FY90 AND FY-93 NON ILSD WORK. NOT ADJUSTED TO 1-B-5.

(2) FY-93 DLMHs REPRESENT THE HISTORIC "HIGH WATER MARK" FOR THE ALBANY MAINTENANCE CENTER. THE TOTAL FY-93 DLMHs EXECUTED WERE 1,568,741 OF WHICH 337,809 REPRESENT OVERTIME EXPENDED. SECOND SHIFT DLMHs EXPENDED WERE 187,339.

(3) MAXIMUM EXECUTABLE WORKLOAD EQUALS THE RATIO OF MAXIMUM HISTORICAL WORK (1,568,741 DLMHs IN FY-93) TO TOTAL PREDICTED WORKLOAD TIMES THE PREDICTED COMMODITY WORKLOAD.

12. Workload Summary, continued

12.2 Core Workload Variance. Bring forward the information from Tables "#.2" and "#.3" of sections 1 through 11 above into the Tables below and calculate the Core workload variance.

Table 12.2.a: Core Workload Variance FY 1995 (Revised 8/2/94)

FY 1995 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	126	1,106	<980>	143.3	305.4	*<162.1>
Combat Vehicles	105	1,473	<1,368>	35.7	98.0	*<62.3>
Auto. Eqmt						
Tactical Vehicles	848	2,952	<2,104>	335.6	341.7	*<6.1>
Construction Equipment	4,869	465	4,404	140.0	54.3	*85.7
Electronics & Comm Systems	9,634	7,020	2,614	217.0	145.7	*71.3
Ordn, Wpns & Munitions	14,253	14,033	220	172.9	29.7	*143.2
General Purpose Eqmt	0	1,756	<1,756>	0	32.2	*<32.2>
Other End Items	0	9,323	<9,323>	0	208.1	*<208.1>
Total:	29,835	38,128	(8,293)	1,044.5	1,215.1	*(170.6)
School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	529	680	<151>	529	680	<151>

* As directed, variances are calculated using the MAXIMUM POTENTIAL from Table #3 of Sections 1 through 11. In Table #3, the Marine Corps Multi-Commodity Maintenance Center is configured to execute the corresponding FY's PREDICTED WORKLOAD (total funded workload). The flexible Center could easily re-configure to zero-out core variances; however, that would be in conflict with Section 12.2 guidance. The TOTAL row of this table is the only true variance for the Center.

12. **Workload Summary, continued**

Table 12.2.b Core Workload Variance FY 1996 (Revised 8/2/94)

FY 1996 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	430	1,397	<967>	126.5	310.8	*<184.3>
Combat Vehicles	189	1,313	<1,124>	49.6	52.6	*<3.0>
Automotive Equipment						
Tactical Vehicles	935	3,254	<2,319>	346.4	455.9	*<109.5>
Construction Equipment	1,848	384	1,464	132.0	18.4	*113.6
Electronics & Comm Systems	7,481	8,659	<1,178>	152.9	138	*14.9
Ordn, Wpns & Munitions	14,404	13,356	1,048	245.8	53.6	*192.2
General Purpose Eqmt	0	2,004	<2,004>	0	14.4	*<14.4>
Other End Items	0	6,831	<6,831>	0	171.5	*<171.5>
Total:	25,287	37,198	(11,911)	1,053.2	1,215.2	*(162.0)
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	592	680	(88)	592	680	(88)

*** As directed, variances are calculated using the MAXIMUM POTENTIAL from Table #3 of Sections 1 through 11. In Table #3, the Marine Corps Multi-Commodity Maintenance Center is configured to execute the corresponding FY's PREDICTED WORKLOAD (total funded workload). The flexible Center could easily re-configure to zero-out core variances; however, that would be in conflict with Section 12.2 guidance. The TOTAL row of this table is the only true variance for the Center.**

12. Workload Summary, continued

Table 12.2.c: Core Workload Variance FY 1997 (Revised 8/2/94)

FY 1997 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	462	1,312	(850)	127.8	295.5	*(167.7)
Combat Vehicles	130	1,222	(1,092)	49.6	49.0	*.6
Automotive Equipment			0			
Tactical Vehicles	997	3,111	(2,114)	371.9	459.6	*(87.7)
Construction Equipment	146	389	(243)	130.6	55.7	*74.9
Electronics & Comm Systems	7,546	8,195	(649)	157.5	134.2	*23.3
Ordn, Wpns & Munitions	15,141	12,402	2,739	245.7	49.4	*196.3
General Purpose Eqmt		1,868	(1,868)		12.0	*(12.0)
Other End Items		6,366	(6,366)		159.8	*(159.8)
Total:	24,422	34,865	(10,443)	1,083.1	1,215.2	*(132.1)
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	(82)	598	680	(82)

*** As directed, variances are calculated using the MAXIMUM POTENTIAL from Table #3 of Sections 1 through 11. In Table #3, the Marine Corps Multi-Commodity Maintenance Center is configured to execute the corresponding FY's PREDICTED WORKLOAD (total funded workload). The Flexible Center could easily re-configure to zero-out core variances; however, that would be in conflict with Section 12.2 guidance. The TOTAL row of this table is the only true variance for the Center.**

12. Workload Summary, continued

Table 12.2.d: Core Workload Variance FY 1998 (Revised 8/2/94)

FY 1998 Commodity Group	* Units Throughput			" DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	436	1,302	(866)	126.4	284.7	*(158.3)
Combat Vehicles	136	1,199	(1,063)	49.6	48.0	*1.6
Automotive Equipment			0			
Tactical Vehicles	948	3,184	(2,236)	342.4	515.6	*(173.2)
Construction Equipment	189	382	(193)	122.9	54.6	*68.3
Electronics & Comm Systems	5,735	7,066	(1,331)	122.0	95.1	*26.9
Ordn, Wpns & Munitions	12,906	12,170	736	245.8	48.6	*197.2
General Purpose Eqmt	0	1,813	(1,813)	0	11.7	*(11.7)
Other End Items	0	6,240	(6,240)	0	156.7	*(156.7)
Total:	20,350	33,356	(13,006)	1,009.1	1,215.0	*(205.9)
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	(82)	598	680	(82)

* As directed, variances are calculated using the **MAXIMUM POTENTIAL** from Table #3 of Sections 1 through 11. In Table #3, the Marine Corps Multi-Commodity Maintenance Center is configured to execute the corresponding FY's **PREDICTED WORKLOAD** (total funded workload). The flexible Center could easily re-configure to zero-out core variances; however, that would be in conflict with Section 12.2 guidance. The **TOTAL** row of this table is the only true variance for the Center.

12. Workload Summary, continued

Table 12.2.e: Core Workload Variance FY 1999 (Revised 8/2/94)

FY 1999 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	435	1,192	(757)	126.4	260.3	*(133.9)
Combat Vehicles	156	1,097	(941)	49.6	44.4	*5.2
Automotive Equipment			0			
Tactical Vehicles	1,040	3,162	(2,122)	333.9	525.1	*(191.2)
Construction Equipment	311	343	(32)	154.7	39.7	*115.0
Electronics & Comm Systems	5,280	6,178	(898)	147.7	106.7	*41.0
Ordn, Wpns & Munitions	12,952	11,135	1,817	248.2	43.7	*204.5
General Purpose Eqmt		1,745	(1,745)	0	52.0	*(52.0)
Other End Items		5,705	(5,705)	0	143.2	*(143.2)
Total:	20,174	30,557	(10,383)	1,060.5	1,215.1	*(154.6)
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	(82)	598	680	(82)

* As directed, variances are calculated using the **MAXIMUM POTENTIAL** from Table #3 of Sections 1 through 11. In Table #3, the Marine Corps Multi-Commodity Maintenance Center is configured to execute the corresponding FY's **PREDICTED WORKLOAD** (total funded workload). The flexible Center could easily re-configure to zero-out core variances; however, that would be in conflict with Section 12.2 guidance. The **TOTAL** row of this table is the only true variance for the Center.

12. **Workload Summary, continued**

Table 12.2.f: Core Workload Variance FY 2000 (Revised 8/2/94)

FY 2000 Commodity Group	* Units throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	435	1,192	(757)	126.4	260.3	*(133.9)
Combat Vehicles	156	1,097	(941)	49.6	44.4	*5.2
Automotive Equipment			0			
Tactical Vehicles	1,040	3,162	(2,122)	333.9	525.1	*(191.2)
Construction Equipment	311	343	(32)	154.7	39.7	*115.0
Electronics & Comm Systems	5,280	6,178	(898)	147.7	106.7	*41.0
Ordn, Wpns & Munitions	12,952	11,135	1,817	248.2	43.7	*204.5
General Purpose Eqmt		1,745	(1,745)		52.0	*(52.0)
Other End Items		5,705	(5,705)		143.2	*(143.2)
Total:	20,174	30,557	(10,383)	1,060.5	1,215.1	*(154.6)
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	(82)	598	680	(82)

* As directed, variances are calculated using the MAXIMUM POTENTIAL from Table #3 of Sections 1 through 11. In Table #3, the Marine Corps Multi-Commodity Maintenance Center is configured to execute the corresponding FY's PREDICTED WORKLOAD (total funded workload). The flexible Center could easily re-configure to zero-out core variances; however, that would be in conflict with Section 12.2 guidance. The TOTAL row of this table is the only true variance for the Center.

12. Workload Summary, continued

Table 12.2.g: Core Workload Variance FY 2001 (Revised 8/2/94)

FY 2001 Commodity Group	* Units Throughput			* DLMHs (000s)		
	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Missiles						
Amphibious Vehicles	435	1,192	(757)	126.4	260.3	*(133.9)
Combat Vehicles	156	1,097	(941)	49.6	44.4	*5.2
Automotive Equipment						
Tactical Vehicles	1,040	3,162	(2,122)	333.9	525.1	*(191.2)
Construction Equipment	311	343	(32)	154.7	39.7	*115.0
Electronics & Comm Systems	5,280	6,178	(898)	147.7	106.7	*41.0
Ordn, Wpns & Munitions	12,952	11,135	1,817	248.2	43.7	*204.5
General Purpose Eqmt		1,745	(1,745)		52.0	*(52.0)
Other End Items		5,705	(5,705)		143.2	*(143.2)
Total:	20,174	30,557	(10,383)	1,060.5	1,215.1	*(154.6)
Formal School Training	Predicted Workload	Maximum Potential	Variance	Predicted Workload	Maximum Potential	Variance
Student Totals:	598	680	(82)	598	680	(82)

* As directed, variances are calculated using the **MAXIMUM POTENTIAL** from Table #3 of Sections 1 through 11. In Table #3, the Marine Corps Multi-Commodity Maintenance Center is configured to execute the corresponding FY's **PREDICTED WORKLOAD** (total funded workload). The flexible Center could easily re-configure to zero-out core variances; however, that would be in conflict with Section 12.2 guidance. The **TOTAL** row of this table is the only true variance for the Center.

12. Workload Summary, continued

12.3 Workload Profile. The answers to this section should be a consolidated and comprehensive total program roll-up by the organization that allocated workload for the Marine Corps. Complete the tables below with the total annual Marine Corps Logistics Base level work performed (all appropriations) by MCLBs, by non-MCLB DON entities, by non-DON DoD (interservice) entities, and commercial entities.

Table 12.3.a: **MCLB Workload Profile - *FY 1993***

Commodity Type	* FY 1993 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DOD	Commercial Entity	TOTAL
Missiles	7,192	229.1	1,167.2		8,588.3
Amphibious Vehicles	48,600.8				33,253.7
Combat Vehicles	8,516.7				8,516.7
Ships	177				177
Tactical Vehicles	40,324.4				40,324.4
Construction Equipment	5,724.6				5,724.6
Electronics & Comm Systems	16,389.4	15.2	2,371.4	3,216.2	21,992.2
Ordn, Wpns & Munitions	5,168.7	144.7	684.3		5,997.7
General Purpose Eqmt	4,636.9		5,042.8	7.4	9,687.1
Other End Items	9,470.5				9,470.5
Training					
TOTAL:	146,201.0	389.0	9,265.7	3,223.6	143,732.2

NOTE: *Dollars identified in this table are:
a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers.
b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.
c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.
d. Commercial - Total outgoing depot maintenance contracts.

NOTE: WORKLOAD DOLLARS CANNOT BE USED FOR ANY ANALYSIS BETWEEN DEPOTS. KNOWN DIFFERENCES ARE IDENTIFIED IN THE DOD COST COMPARABILITY HANDBOOK.

NOTE: MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

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

dtd 8/11/94

12. **Workload Summary, continued**

Table 12.3.b: MCLB Workload Profile - *FY 1994*

Commodity Type	* FY 1994 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DoD	Commercial Entity	TOTAL
Missiles	11,255		6.4		11,261.4
Amphibious Vehicles	56,628.8				56,628.8
Combat Vehicles	15,358.1		7,669.8		23,027.9
Ships	383				383
Tactical Vehicles	40,367.6				40,367.6
Construction Equipment	5,741.6				5,741.6
Electronics & Comm Systems	21,574.1	6.8	1,060.0	1,338.8	23,979.7
Ordn, Wpns & Munitions	5,653.7	192.8		49.3	5,895.8
General Purpose Eqmt	4,853.4		17.0		4,870.4
Other End Items	13,405.7				13,405.7
Training					
TOTAL:	175,221	199.6	8,753.2	1,388.1	185,561.9

NOTE: *Dollars identified in this table are:

a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers.

b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.

c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.

d. Commercial - Total outgoing depot maintenance contracts.

NOTE: Workload dollars cannot be used for any analysis between depots. Known differences are identified in the DOD cost comparability handbook.

MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

12. **Workload Summary, continued**

Table 12.3.c: MCLB Workload Profile - *FY 1995*

Commodity Type	* FY 1995 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DOD	Commercial Entity	TOTAL
Missiles	9,947		1,696.2		11,643.2
Amphibious Vehicles	51,272.4				51,272.4
Combat Vehicles	13,990.8		479.4		14,470.2
Ships	298.0				298
Tactical Vehicles	37,181.2				37,181.2
Construction Equipment	5,291.7				5,291.7
Electronics & Comm Systems	19794.0	18.2	1,283.2	3,316.7	24,412.1
Ordn, Wpns & Munitions	5,082.7	808.0	803.5	20.1	6,714.3
General Purpose Eqmt	4,413.2				4,413.2
Other End Items	12,599.0				12,599
Training					
TOTAL:	159,870.0	826.2	4,262.3	3,336.8	168,295.3

NOTE: *Dollars identified in this table are:
a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers
b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.
c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.
d. Commercial - Total outgoing depot maintenance contracts.

NOTE: WORKLOAD DOLLARS CANNOT BE USED FOR ANY ANALYSIS BETWEEN DEPOTS. KNOWN DIFFERENCES ARE IDENTIFIED IN THE DOD COST COMPARABILITY HANDBOOK.

NOTE: MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

12. Workload Summary, continued

Table 12.3.d: MCLB Workload Profile - *FY 1996*

Commodity Type	* FY 1996 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DOD	Commercial Entity	TOTAL
Missiles	2,700.5	104.1	13,044.4		15,849.0
Amphibious Vehicles	54,596.1				54,596.1
Combat Vehicles	8,699.6		4,605.1		13,304.7
Ships	1,308.4				1,308.4
Tactical Vehicles	64,129.6				64,129.6
Construction Equipment	5,744.4				5,744.4
Electronics & Comm Systems	17,784.1		2,531.2	1,688.1	22,003.4
Ordn, Wpns & Munitions	7,135	1,339.8	627.2	36.7	9,138.7
General Purpose Eqmt	1,663		196.1		1,859.1
Other End Items	9,687.3				9,687.3
Training					
TOTAL:	173,448.0	1,443.9	21,004.0	1,724.8	197,620.7

NOTE: *Dollars identified in this table are:
a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers.
b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.
c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.
d. Commercial - Total outgoing depot maintenance contracts.

NOTE: WORKLOAD DOLLARS CANNOT BE USED FOR ANY ANALYSIS BETWEEN DEPOTS. KNOWN DIFFERENCES ARE IDENTIFIED IN THE DOD COST COMPARABILITY HANDBOOK.

NOTE: MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

12. Workload Summary, continued

Table 12.3.e: MCLB Workload Profile - *FY 1997*

Commodity Type	* FY 1997 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DOD	Commercial Entity	TOTAL
Missiles	2,488.4	104.0	19,402.9		11,995.3
Amphibious Vehicles	54,630.3				54,630.3
Combat Vehicles	9,301.4		4,606.0		13,907.4
Ships	1,229.7				1,229.7
Tactical Vehicles	69,229.2				69,229.2
Construction Equipment	12,243.2				12,243.2
Electronics & Comm Systems	17,416.4		2,699.9	1,574.2	21,690.5
Ordn, Wpns & Munitions	7,099.6	1,339.8	627.2	36.7	9,103.3
General Purpose Eqmt	1,663				1,663.0
Other End Items	9,687.3				9,687.3
Training					
TOTAL:	184,988.5	1,443.8	17,336.0	1,610.9	205,379.2

NOTE: *Dollars identified in this table are:

a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers.

b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.

c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.

d. Commercial - Total outgoing depot maintenance contracts.

NOTE: WORKLOAD DOLLARS CANNOT BE USED FOR ANY ANALYSIS BETWEEN DEPOTS. KNOWN DIFFERENCES ARE IDENTIFIED IN THE DOD COST COMPARABILITY HANDBOOK.

NOTE: MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

12. **Workload Summary, continued**

Table 12.3.f: MCLB Workload Profile - *FY 1998*

Commodity Type	* FY 1998 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DOD	Commercial Entity	TOTAL
Missiles	2,488.4		8,933.4		11,421.8
Amphibious Vehicles	54,659.3				54,659.3
Combat Vehicles	8,800.1		4,606.0		13,406.1
Ships	1,179.1				1,179.1
Tactical Vehicles	79,736.7				79,736.7
Construction Equipment	12,205.4				12,205.4
Electronics & Comm Systems	15,015.3		2,638.4	1,548.3	19,202.0
Ordn, Wpns & Munitions	7,090.8	969.9	627.2	36.7	8,724.6
General Purpose Eqmt	1,431.4				1,431.4
Other End Items	9,687.3				9,687.3
Training					
TOTAL:	192,293.8	969.9	16,805.0	1,585.0	211,653.7

NOTE: *Dollars identified in this table are:
a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers.
b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.
c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.
d. Commercial - Total outgoing depot maintenance contracts.

NOTE: WORKLOAD DOLLARS CANNOT BE USED FOR ANY ANALYSIS BETWEEN DEPOTS. KNOWN DIFFERENCES ARE IDENTIFIED IN THE DOD COST COMPARABILITY HANDBOOK.

NOTE: MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

12. **Workload Summary, continued**

Table 12.3.g: MCLB Workload Profile - *FY 1999*

Commodity Type	* FY 1999 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DOD	Commercial Entity	TOTAL
Missiles	2,351	104.2	9,133.8		11,589.0
Amphibious Vehicles	54,659.3				54,659.3
Combat Vehicles	6,197.6		4,606.0		10,803.6
Ships	1,138.3				1,138.3
Tactical Vehicles	90,569.1				90,569.1
Construction Equipment	4,862.9				4,862.9
Electronics & Comm Systems	15,838.1		1,769.1	1,798.7	19,405.9
Ordn, Wpns & Munitions	6,118.7	970.0	627.9	36.7	7,753.3
General Purpose Eqmt	4,922.1		397.6		5,319.7
Other End Items	9,687.3				9,687.3
Training					
TOTAL:	196,344.4	1,074.2	16,534.4	1,835.4	215,788.4

NOTE: *Dollars identified in this table are:
a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers.
b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.
c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.
d. Commercial - Total outgoing depot maintenance contracts.

NOTE: WORKLOAD DOLLARS CANNOT BE USED FOR ANY ANALYSIS BETWEEN DEPOTS. KNOWN DIFFERENCES ARE IDENTIFIED IN THE DOD COST COMPARABILITY HANDBOOK.

NOTE: MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

12. **Workload Summary, continued**

Table 12.3.h: MCLB Workload Profile - *FY 2000*

Commodity Type	* FY 2000 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DOD	Commercial Entity	TOTAL
Missiles	2,394.1	104.2	9,133.8		11,632.1
Amphibious Vehicles	55,504.0				55,504.0
Combat Vehicles	6,234.9		4,606.0		10,840.9
Ships	1,172.5				1,172.5
Tactical Vehicles	91,615.4				91,615.4
Construction Equipment	4,907.5				4,907.5
Electronics & Comm Systems	15,840.4		1,769.1	1,798.7	19,408.2
Ordn, Wpns & Munitions	6,181.8	970.0	627.9	36.7	7,816.4
General Purpose Eqmt	4,922.1		397.6		5,319.7
Other End Items	9,687.3				9,687.3
Training					
TOTAL:	198,460.0	1,074.2	16,534.4	1,835.4	217,904.0

NOTE: *Dollars identified in this table are:
a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers.
b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.
c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.
d. Commercial - Total outgoing depot maintenance contracts.

NOTE: WORKLOAD DOLLARS CANNOT BE USED FOR ANY ANALYSIS BETWEEN DEPOTS. KNOWN DIFFERENCES ARE IDENTIFIED IN THE DOD COST COMPARABILITY HANDBOOK.

NOTE: MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

12. **Workload Summary, continued**

Table 12.3.i: MCLB Workload Profile - *FY 2001*

Commodity Type	* FY 2001 Workload ($ K)				
	MCLBs	non-MCLB DON	non-DON DOD	Commercial Entity	TOTAL
Missiles	2,438.4	104.2	9,133.8		11,676.4
Amphibious Vehicles	56,373.9				56,373.9
Combat Vehicles	6,273.5		4,606.0		10,879.5
Ships	1,207.7				1,207.7
Tactical Vehicles	92,693.0				92,693.0
Construction Equipment	4,953.6				4,953.6
Electronics & Comm Systems	15,842.7		1,769.1	1,798.7	19,410.5
Ordn, Wpns & Munitions	6,240.7	970.0	627.9	36.7	7,875.3
General Purpose Eqmt	4,922.1		397.6		5,319.7
Other End Items	9,687.3				9,687.3
Training					
TOTAL:	200,632.9	1,074.2	16,534.4	1,835.4	220,076.9

NOTE: *Dollars identified in this table are:
a. MCLB - Total workload executed at both Multi-Commodity Maintenance Centers.
b. Non-MCLB DON - Total outgoing DMISA workload to the Navy.
c. Non-DON DoD - Total outgoing DMISA workload to the Air Force and Army.
d. Commercial - Total outgoing depot maintenance contracts.

NOTE: WORKLOAD DOLLARS CANNOT BE USED FOR ANY ANALYSIS BETWEEN DEPOTS. KNOWN DIFFERENCES ARE IDENTIFIED IN THE DOD COST COMPARABILITY HANDBOOK.

NOTE: MARCORLOGBASES Maintenance Directorate allocated all Depot Level workload for the Marine Corps.

12. Workload Summary, continued

12.4 Interservicing Candidates. Specify depot workload programs that are likely candidates for interservicing, both internal to and external to the MCLBs. Provide detailed supporting data for your recommendations.

Long lead times for acquisition of repair parts due to low quantity buys inhibit maintenance throughput of these interservicing candidates.

Consolidation of candidate workloads would allow a designated source of repair an adequate unit count on which to base higher quantity repair parts projects to the DoD Supply System.

a.	NSN 3930-01-275-6420	4000LB Forklift	B2566
b.	NSN 3805-01-279-3635	Tractor Tram	B2567
c.	NSN 3805-01-153-1854	Scraper	B1922

12.5 Core Requirements. Given the current programmed configuration and operation of the MCLBs, provide the projected core workload, directed workload, core "plus" workload, and workload required to be retained to meet the Secretary of the Navy's Title 10 responsibilities. Within each Fiscal Year (FY) requested, provide your response in units of throughput (where applicable) and Direct Labor Man Hours (DLMHs). Summarize the entries for Core Workload from the responses to Sections 1 through 11 of the Capacity Data Call. Core Workload includes all Core work performed for other Military Departments. The following definitions and instructions apply:

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

- Directed Workload includes: Foreign Military Sales (FMS); Low Quantity Non-Core; Low Quantity Above Core; Best Value; Engineering Support; and Last Source of Repair. Directed Workload is tabulated in Section 12.6 following.

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

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

12. **Workload Summary, continued**

*** Table 12.5.a: Core Workload Requirements *FY 1994***

FY 1994 Commodity Type	Core Workload							
	Core Workload		*Directed Workload		Core "Plus" Workload		Title 10 Workload	
	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)
Missiles								
Amphibious Vehicles	126	143.3	870	30.3	996	173.6	126	143.3
Combat Vehicles	140	35.2	1,274	19.2	1,414	54.4	140	35.2
Automotive Equipment								
Tactical Vehicles	806	335.6	2,384	112.1	3,190	447.7	806	335.6
Construction Equipment	188	140.0	399	19.2	587	159.2	188	140
Electronics & Comm Systems	9,243	216.6	2,779	32.4	12,022	249	5,638	132.2
Ordn, Wpns & Munitions	16,182	173.0	1,692	9.2	17,874	182.2	16,182	173.0
General Purpose Eqmt			2,056	13.3	2,056	13.3		
Other End Items			4,748	122.5	4,748	122.5		
Training								
Total:	26,685	1,043.7	16,202	358.2	42,887	1,401.9	23,080	959.3

*** Units and DLMHs include work performed for the Army and Air Force.**

12. Workload Summary, continued

*** Table 12.5.b: Core Workload Requirements *FY 1995***

FY 1995 Commodity Type	Core Workload							
	Core Workload		*Directed Workload		Core "Plus" Workload		Title 10 Workload	
	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)
Missiles								
Amphibious Vehicles	126	143.3	870	30.3	996	173.6	126	143.3
Combat Vehicles	105	35.7	1,274	19.2	1,379	54.9	105	35.7
Automotive Equipment								
Tactical Vehicles	848	335.6	2,384	112.1	3,232	447.7	848	335.6
Construction Equipment	4,869	140.0	399	19.2	5,268	159.2	4,869	140.0
Electronics & Comm Systems	9,634	216.6	2,779	32.4	12,413	249.0	5,877	132.2
Ordn, Wpns & Munitions	14,253	172.9	1,692	9.2	15,945	182.1	14,253	172.9
General Purpose Eqmt			2,056	13.3	2,056	13.3		
Other End Items			1,029	80.0	1,029	80.0		
Training								
Total:	29,835	1,044.1	12,483	315.7	42,318	1,359.8	26,078	959.7

*** Units and DLMHs include work performed for the Army and Air Force.**

12. Workload Summary, continued

*** Table 12.5.c: Core Workload Requirements *FY 1996***

FY 1996 Commodity Type	Core Workload							
	Core Workload		*Directed Workload		Core "Plus" Workload		Title 10 Workload	
	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)
Missiles								
Amphibious Vehicles	430	126.5	291	11.9	721	138.4	430	126.5
Combat Vehicles	189	49.6	1,210	12.3	1,399	61.9	189	49.6
Automotive Equipment								
Tactical Vehicles	935	346.4	757	2.8	1,692	349.2	935	346.4
Construction Equipment	1,848	132.0	41	.3	1,889	132.3	1,848	132.0
Electronics & Comm Systems	7,481	152.9	2,779	31.5	10,260	184.4	7,481	68.5
Ordn, Wpns & Munitions	14,404	245.8			14,404	245.8	14,404	245.8
General Purpose Eqmt			2,056	13.3	2,056	13.3		
Other End Items			5,653	130.1	5,653	130.1		
Training								
Total:	25,287	1,053.2	12,787	202.2	38,074	1,255.4	25,287	968.8

*** Units and DLMHs include work performed for the Army and Air Force.**

12. **Workload Summary, continued**

*** Table 12.5.d: Core Workload Requirements *FY 1997***

FY 1997 Commodity Type	Core Workload							
	Core Workload		*Directed Workload		Core "Plus" Workload		Title 10 Workload	
	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)
Missiles								
Amphibious Vehicles	462	127.8	283	11.9	745	139.7	462	127.8
Combat Vehicles	130	49.6	1,274	19.2	1,404	68.8	130	49.6
Automotive Equipment								
Tactical Vehicles	997	371.9	757	36.9	1,754	408.8	997	371.9
Construction Equipment	146	130.6	399	19.1	545	149.7	146	130.6
Electronics & Comm Systems	7,546	157.5	2,779	31.5	10,325	189.0	7,546	73.1
Ordn, Wpns & Munitions	15,141	245.7			15,141	245.7	15,141	245.7
General Purpose Eqmt			2,056	13.3	2,056	13.3		
Other End Items			5,763	132.4	5,763	132.4		
Training								
Total:	24,422	1,083.1	13,311	264.3	37,733	1,347.4	24,422	998.7

*** Units and DLMHs include work performed for the Army and Air Force.**

12. Workload Summary, continued

* Table 12.5.e: **Core Workload Requirements *FY 1998***

FY 1998 Commodity Type	Core Workload							
	Core Workload		Directed Workload		Core "Plus" Workload		Title 10 Workload	
	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)
Missiles								
Amphibious Vehicles	435	126.4	988	28.3	1,423	154.7	435	126.4
Combat Vehicles	136	49.6	1,274	19.2	1,410	68.8	136	49.6
Automotive Equipment								
Tactical Vehicles	948	342.4	2,384	98.4	3,332	440.8	948	342.4
Construction Equipment	189	122.9	399	19.1	588	142.0	189	122.9
Electronics & Comm Systems	5,735	122.0	5,010	52.7	10,745	174.7	5,735	122
Ordn, Wpns & Munitions	12,906	245.8	1,692	8.5	14,598	254.3	12,906	245.8
General Purpose Eqmt			2,056	13.3	2,056	13.3		
Other End Items			6,490	147.7	6,490	147.7		
Training								
Total:	20,349	1,009.1	20,293	387.2	40,642	1,396.3	20,349	1,009.1

* **Units and DLMHs include work performed for the Army and Air Force.**

12. Workload Summary, continued

*** Table 12.5.f: Core Workload Requirements *FY 1999***

FY 1999 Commodity Type	Core Workload							
	Core Workload		Directed Workload		Core "Plus" Workload		Title 10 Workload	
	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)
Missiles								
Amphibious Vehicles	435	126.4	873	28.3	1,308	154.7	435	126.4
Combat Vehicles	156	49.6	1,274	19.2	1,430	68.8	156	49.6
Automotive Equipment								
Tactical Vehicles	1,040	333.9	2,384	98.4	3,424	432.4	1,040	333.9
Construction Equipment	311	154.7	399	19.1	710	173.8	311	154.7
Electronics & Comm Systems	5,280	147.7	4,815	54.8	10,095	202.5	5,280	63.3
Ordn, Wpns & Munitions	12,952	248.2	1,692	8.5	14,644	256.7	12,952	248.2
General Purpose Eqmt			2,166	64.4	2,166	64.4		
Other End Items			7,076	173.5	7,076	173.5		
Training								
Total:	20,174	1,060.5	20,679	466.2	40,853	1,526.8	20,174	976.1

*** Units and DLMHs include work performed for the Army and Air Force.**

12. **Workload Summary, continued**

*** Table 12.5.g: Core Workload Requirements *FY 2000***

FY 2000 Commodity Type	Core Workload							
	Core Workload		Directed Workload		Core "Plus" Workload		Title 10 Workload	
	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)
Missiles								
Amphibious Vehicles	435	126.4	873	28.3	1,308	154.7	435	126.4
Combat Vehicles	156	49.6	1,274	19.2	1,405	68.8	156	49.6
Automotive Equipment								
Tactical Vehicles	1,040	333.9	2,384	98.4	3,422	432.4	1,040	333.9
Construction Equipment	311	154.7	399	19.1	710	173.8	311	154.7
Electronics & Comm Systems	5,280	147.7	4,815	54.8	10,095	202.5	5,280	63.3
Ordn, Wpns & Munitions	12,952	248.2	1,692	8.5	14,644	256.7	12,952	248.2
General Purpose Eqmt			2,166	64.4	2,166	64.4		
Other End Items			7,076	173.5	7,076	173.5		
Training								
Total:	20,174	1,060.5	20,679	466.2	40,826	1,526.8	20,174	976.1

*** Units and DLMHs include work performed for the Army and Air Force.**

12. Workload Summary, continued

*** Table 12.5.h: Core Workload Requirements *FY 2001***

FY 2001 Commodity Type	Core Workload							
	Core Workload		Directed Workload		Core "Plus" Workload		Title 10 Workload	
	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)	Units	DLMH (000s)
Missiles								
Amphibious Vehicles	435	126.4	873	28.3	1,308	154.7	435	126.4
Combat Vehicles	156	49.6	1,274	19.2	1,405	68.8	156	49.6
Automotive Equipment								
Tactical Vehicles	1,040	333.9	2,384	98.4	3,424	432.4	1,040	333.9
Construction Equipment	311	154.7	399	19.1	710	173.8	311	154.7
Electronics & Comm Systems	5,280	147.7	4,815	54.8	10,095	202.5	5,280	63.3
Ordn, Wpns & Munitions	12,952	248.2	1,692	8.5	14,644	256.7	12,952	248.2
General Purpose Eqmt			2,166	64.4	2,166	64.4		
Other End Items			7,076	173.5	6,67[illegible]	173.5		
Training								
Total:	20,174	1,060.5	20,679	466.2	40,42[illegible]	1,526.8	20,174	976.1

*** Units and DLMHs include work performed for the Army and Air Force.**

12. Workload Summary, continued

12.6 Given the current programmed configuration and operation of the Logistics Base, provide the projected Directed Workload. Within each FY requested, provide your response in units throughput (where applicable) (Tables 12.6.a-h) and in DLMHs (Tables 12.6.i-p). The following definitions and instructions apply:

- Foreign Military Sales (FMS) includes Principle End Item, component maintenance and manufacturing support.

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

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

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

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

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

12. Workload Summary, continued

* Table 12.6.a: Directed Workload - FY 1995

FY 1995 Commodity Type	Directed Workload (Units Throughput)						Total
	FMS	Mods	LONC	**BV	Engr	LWOR	
Missiles							
Amphibious Vehicles		322		466	82		870
Combat Vehicles	6			56	1,212		1,274
Automotive Equipment							
Tactical Vehicles		46		1,837	501		2,384
Construction Equipment		4		395			399
Electronics & Comm Systems	78			1,105	1,596		2,779
Ordn, Wpns & Munitions		565		436	691		1,692
General Purpose Eqmt	6			1,947	103		2,056
Other End Items				136	893		1,029
Training							

* Units throughput includes work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. Workload Summary, continued

* Table 12.6.b: Directed Workload - FY 1996

FY 1996 Commodity Type	Directed Workload (Units Throughput)						Total
	FMS	Mods	LQNC	**BV	Engr	LSOR	
Missiles							
Amphibious Vehicles				216	75		291
Combat Vehicles	6			5	1,199		1,210
Automotive Equipment							0
Tactical Vehicles				749	8		757
Construction Equipment				41			41
Electronics & Comm Systems	78			1,105	1,596		2,779
Ordn, Wpns & Munitions							0
General Purpose Eqmt	6			1,947	103		2,056
Other End Items				5,653			5,653
Training							0

* Units throughput includes work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. Workload Summary, continued

* Table 12.6.c: Directed Workload - FY 1997

FY 1997 Commodity Type	Directed Workload (Units Throughput)						Total
	FMS	Mods	LQNC	**BV	Engr	LSOR	
Missiles							0
Amphibious Vehicles				216	67		283
Combat Vehicles	6			56	1,212		1,274
Automotive Equipment							0
Tactical Vehicles				749	8		757
Construction Equipment		4		395			399
Electronics & Comm Systems	78			1,105	1,596		2,779
Ordn, Wpns & Munitions							0
General Purpose Eqmt	6			1,947	103		2,056
Other End Items				5,763			5,763
Training							0

* Units throughput includes work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. **Workload Summary, continued**

*** Table 12.6.d: Directed Workload - FY 1998**

FY 1998 Commodity Type	Directed Workload (Units Throughput)						Total
	FMS	Mods	LQNC	**BV	Engr	LSOR	
Missiles							
Amphibious Vehicles		322	118	466	82		988
Combat Vehicles	6			56	1,212		1,274
Automotive Equipment							
Tactical Vehicles		46		1,837	501		2,384
Construction Equipment		4		395			399
Electronics & Comm Systems	78			1,105	1,596	2,231	5,010
Ordn, Wpns & Munitions		565		436	691		1,692
General Purpose Eqmt	6			1,947	103		2,056
Other End Items				5,778	712		6,490
Training							

*** Units throughput includes work performed for the Army and Air Force.**

**** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.**

12. Workload Summary, continued

*** Table 12.6.e: Directed Workload - FY 1999**

FY 1999 Commodity Type	Directed Workload (Units Throughput)						Total
	FMS	Mods	LONC	**BV	Engr	ISOR	
Missiles							0
Amphibious Vehicles		322	3	466	82		873
Combat Vehicles	6			56	1,212		1,274
Automotive Equipment							0
Tactical Vehicles		46		1,837	501		2,384
Construction Equipment		4		395			399
Electronics & Comm Systems	78		35	1,105	1,596	2,001	4,815
Ordn, Wpns & Munitions		565		436	691		1,692
General Purpose Eqmt	6		110	1,947	103		2,166
Other End Items				5,778	1,298		7,076
Training							0

*** Units throughput includes work performed for the Army and Air Force.**

**** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.**

12. **Workload Summary, continued**

*** Table 12.6.f: Directed Workload - FY 2000**

FY 2000 Commodity Type	Directed Workload (Units Throughput)						Total
	FMS	Mods	LOMC	**BV	Engr	LSOR	
Missiles							0
Amphibious Vehicles		322	3	466	82		873
Combat Vehicles	6			56	1,212		1,274
Automotive Equipment							0
Tactical Vehicles		46		1,837	501		2,384
Construction Equipment		4		395			399
Electronics & Comm Systems	78		35	1,105	1,596	2,001	4,815
Ordn, Wpns & Munitions		565		436	691		1,692
General Purpose Eqmt	6		110	1,947	103		2,166
Other End Items				5,778	1,298		7,076
Training							0

*** Units throughput includes work performed for the Army and Air Force.**

**** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.**

12. Workload Summary, continued

*** Table 12.6.g: Directed Workload - FY 2001**

FY 2001 Commodity Type	Directed Workload (Units Throughput)						Total
	FMS	Mods	LQNC	**BV	Engr	LSMR	
Missiles							0
Amphibious Vehicles		322	3	466	82		873
Combat Vehicles	6			56	1,212		1,274
Automotive Equipment							0
Tactical Vehicles		46		1,837	501		2,384
Construction Equipment		4		395			399
Electronics & Comm Systems	78		35	1,105	1,596	2,001	4,815
Ordn, Wpns & Munitions		565		436	691		1,692
General Purpose Eqmt	6		110	1,947	103		2,166
Other End Items				5,778	1,298		7,076
Training							0

* Units throughput includes work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. Workload Summary, continued

* Table 12.6.h: Directed Workload - FY 1995

FY 1995 Commodity Type	Directed Workload (DLMHs) (000s)						Total
	FMS	Mods	LQWC	**BV	Engr	LSOR	
Missiles							
Amphibious Vehicles		2.9		13.5	13.9		30.3
Combat Vehicles	2.0			7.5	9.7		19.2
Automotive Equipment							
Tactical Vehicles		13.7		48.7	49.7		112.1
Construction Equipment		.4		18.3	.5		19.2
Electronics & Comm Systems	.8	.9		8.3	22.4		32.4
Ordn, Wpns & Munitions		.7		4.9	3.6		9.2
General Purpose Eqmt				13.3			13.3
Other End Items	.1			37.1	42.8		80.0
Training							

* DLMHs include work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. Workload Summary, continued

* Table 12.6.i: Directed Workload - FY 1996

FY 1996 Commodity Type	Directed Workload (DLMHs) (000s)						Total
	FMS	Mods	LQNC	**BV	Engr	LSOR	
Missiles							0.0
Amphibious Vehicles				1.4	10.5		11.9
Combat Vehicles	2.0			4.6	5.7		12.3
Automotive Equipment							0.0
Tactical Vehicles				1.8	1.0		2.8
Construction Equipment				.3			0.3
Electronics & Comm Systems	.8	.9		8.3	21.5		31.5
Ordn, Wpns & Munitions							0.0
General Purpose Eqmt				13.3			13.3
Other End Items	.1			37.1	92.9		130.1
Training							0.0

* DLMHs include work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. **Workload Summary, continued**

* Table 12.6.j: **Directed Workload - FY 1997**

FY 1997 Commodity Type	Directed Workload (DLMHs) (000s)						Total
	FMS	Mods	LQNC	**BV	Engr	LSOR	
Missiles							0.0
Amphibious Vehicles				1.4	10.5		11.9
Combat Vehicles	2.0			7.5	9.7		19.2
Automotive Equipment							0.0
Tactical Vehicles		13.7			23.2		36.9
Construction Equipment		.4		18.6	.1		19.1
Electronics & Comm Systems	.8	.9		8.3	21.5		31.5
Ordn, Wpns & Munitions							0.0
General Purpose Eqmt				13.3			13.3
Other End Items	.1			37.1	95.2		132.4
Training							0.0

* **DLMHs include work performed for the Army and Air Force.**

** **Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.**

12. Workload Summary, continued

*** Table 12.6.k: Directed Workload - FY 1998**

FY 1998 Commodity Type	Directed Workload (DLMHs) (000s)						Total
	FMS	Mods	LQNC	**BV	Engr	LSOR	
Missiles							0.0
Amphibious Vehicles		2.9		13.5	11.9		28.3
Combat Vehicles	2.0			7.5	9.7		19.2
Automotive Equipment							0.0
Tactical Vehicles		13.7		48.7	36.0		98.4
Construction Equipment		.4		18.6	.1		19.1
Electronics & Comm Systems	.8	.9		8.3	21.5	21.2	52.7
Ordn, Wpns & Munitions		.7		4.9	2.9		8.5
General Purpose Eqmt				13.3			13.3
Other End Items	.1			37.1	110.5		147.7
Training							0.0

* DLMHs include work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. Workload Summary, continued

* Table 12.6.1: Directed Workload - FY 1999

FY 1999 Commodity Type	Directed Workload (DLMHs) (000s)						Total
	FMS	Mods	LQNC	**BV	Engr	LSOR	
Missiles							0.0
Amphibious Vehicles		2.9		13.5	11.9		28.3
Combat Vehicles	2.0			7.5	9.7		19.2
Automotive Equipment							0.0
Tactical Vehicles		13.7		48.7	36.0		98.4
Construction Equipment		.4		18.6	.1		19.1
Electronics & Comm Systems	.8	.9	.6	8.3	21.5	22.7	54.8
Ordn, Wpns & Munitions		.7		4.9	2.9		8.5
General Purpose Eqmt			51.1	13.3			64.4
Other End Items	.1			37.1	136.3		173.5
Training							0.0

* DLMHs include work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. **Workload Summary, continued**

*** Table 12.6.m: Directed Workload - FY 2000**

FY 2000 Commodity Type	Directed Workload (DLMHs) (000s)						Total
	FMS	Mods	LQWC	**BV	Engr	LSOR	
Missiles							0.0
Amphibious Vehicles		2.9		13.5	11.9		28.3
Combat Vehicles	2.0			7.5	9.7		19.2
Automotive Equipment							0.0
Tactical Vehicles		13.7		48.7	36.0		98.4
Construction Equipment		.4		18.6	.1		19.1
Electronics & Comm Systems	.8	.9	.6	8.3	21.5	22.7	54.8
Ordn, Wpns & Munitions		.7		4.9	2.9		8.5
General Purpose Eqmt			51.1	13.3			64.4
Other End Items	.1			37.1	136.3		173.5
Training							0.0

* DLMHs include work performed for the Army and Air Force.

** Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.

12. **Workload Summary, continued**

*** Table 12.6.n: Directed Workload - FY 2001**

FY 2001 Commodity Type	Directed Workload (DLMHs) (000s)						Total
	FMS	Mods	LQNC	**BV	Engr	LSOR	
Missiles							0.0
Amphibious Vehicles		2.9		13.5	11.9		28.3
Combat Vehicles	2.0			7.5	9.7		19.2
Automotive Equipment							0.0
Tactical Vehicles		13.7		48.7	36.0		98.4
Construction Equipment		.4		18.6	.1		19.1
Electronics & Comm Systems	.8	.9	.6	8.3	21.5	22.7	54.8
Ordn, Wpns & Munitions		.7		4.9	2.9		8.5
General Purpose Eqmt			51.3	13.3			64.6
Other End Items	.1			37.1	136.3		173.5
Training							0.0

* **DLMHs include work performed for the Army and Air Force.**

** **Best Value (BV) is interpreted to include remote storage activities supply support (i.e., care in stores, prep-for-ship,...) and Fleet Marine Forces corrosion control/CARC application programs.**

Features and Capabilities

13. Facility Measures / Critical Work Centers

13.1 For each of the following critical work centers and test facilities, provide the area of the facility housing for the function, in thousands of square feet (KSF). Identify the number of units (both PEIs and components) processed through the function in FY 1993. Assuming (a) that the current projected workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum procurement and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum number of units that could be processed through the work centers? What is the average backlog, expressed in units, that remain per work center? If applicable, describe in the Comment section those limiting factors (encroachment, pollutant discharge, etc.) that constrain production or affect the continuity of workload production in other work centers. If FY 1993 performance was atypical, explain in the Comment section. Add additional critical centers as appropriate.

Table 13.1.a: Critical Work Center Facilities

Critical Work Center	* Area (KSF)	Annual Throughput (FY 1993) (units)	Backlog (FY 1993)	Maximum Potential Throughput (Units/Yr)	Comments
Painting	53.5	6,101	0	3,293	Vehicles
Blasting	15.5	12,144	0	9,205	Vehicles
Engine Dyno	6.9	1,114	0	1,692	Engines
Trans Dyno	1.4	361	0	558	Transmissions
Veh Test Track	6 AC **	1,141	0	1,122	Vehicles
Amphib Test Pond	20	190	0	238	Vehicles
Chassis Dyno	2.4	879	0	1,110	Vehicles
Auto Transceiver Tester	.2	2,875	0	3,050	Radios
Firing Range (Function)	.4	6,916	0	6,451	Small Arms
Firing Range (Accuracy)	16.8	6,445	0	6,012	Small Arms
Firing Range (25mm)	3.2	66	0	62	25mm Guns
Load Test Facility	4	305	0	300	Vehicles

* Weapon Systems and support equipment deployed during Desert Storm were cycled through the Multi-Commodity Maintenance Center during FY-93 for corrosion control and minor repairs. Higher than normal throughput was possible because the statement of work required significantly less work than the normal IRCAM/Rebuild process.

** Acres

Features and Capabilities

14. Facility Measures / Depot Maintenance

14.1 Identify all facilities involved with the Depot Maintenance Mission by Category Code Number (CCN) (5 digits), area in thousands of square feet (KSF) and condition.

Table 14.1.a: Depot Maintenance Facilities

CCN	Facility Type	Area (K SF)	Condition			Use / Comments
			Adequate	Substandard	Inadequate	
214-56	Structure	1.2	X			Drain Rack
124-65	Structure	2.8	X			Fuel Storage
411-30	Structure	.8	X			2218 Fuel Storage
125-20	Structure	5.5	X			POL Storage
214-55	Structure	4	X			Steam Clean
214-55	Building	7.1	X			Steam Clean 2236
214-55	Building	6	X			Steam Clean
213-60	Building	11.8	X			Sandblast Area 2236
213-60	Building	3.6	X			Sandblast Booths
411-30	Structure	2	X			Fuel Station
831-41	Building	3.8	X			Haz Waste Sto Fac
821-09	Building	5	X			Heat Plant (Blr Rm)
821-09	Building	.8	X			2236
218-77	Building	19.4	X			Storage
218-77	Building	20.1	X			Storage
218-77	Building	8	X			Storage
218-77	Building	6	X			Storage
218-77	Building	4.8	X			Storage
218-77	Building	1.6	X			Storage
730-25	Building	.1	X			Gate House
171-50	Building	14	X			100-Meter Range
171-50	Building	3.2	X			25mm Range
171-50	Building	2.8	X			Small Arms Range
214-20	Building	5.6	X			Dyno Facility
218-77	Buildings	86.2	X			Storage
218-77	Buildings	44.1	X			Storage
211-09	Structure	12.1	X			Bore Sight Ramp
213-51	Building	12.9	X			Small Arms Repair

CCN	Facility Type	Area (K SF)	Condition			Use / Comments
			Adequate	Substandard	Inadequate	
213-50	Building	4.5	X			Optics Repair Shop
143-70	Building	2.4	X			Nondestructive Test
740-26	Building	1.8	X			Cafeteria
217-10	Building	26.9	X			Comm/Elect Shops
213-57	Building	14.4	X			Electrics Shop
219-10	Building	2.4	X			Maint. Shop
171-10	Building	.8	X			Training Room
171-10	Building	.5	X			Training Room
171-10	Building	.7	X			Training Room
171-10	Building	.3	X			Training Room
211-80	Building	33	X			TMDE/ATSU Fac
610-10	Building	2	X			Admin. Office
610-10	Building	15.8	X			Admin. Office
610-10	Building	10.4	X			Admin. Office
610-10	Building	2.9	X			Admin. Office
740-26	Building	.7	X			Cafeteria
730-15	Building	8.1	X			Bathroom
143-70	Building	1.1	X			RADIAC Facility
218-77	Building	.2	X			Storage
141-60	Building	2.8	X			Photo Lab
310-13	Building	.9	X			Chemistry Lab
441-30	Building	2.4	X			Flammable Storage
441-30	Building	.4	X			Flammable Storage
219-30	Building	18.1	X			Painting
219-30	Building	26.8	X			Painting
219-30	Building	8.6	X			Painting
219-30	Structure	2.2	X			Undercoat Ramp
371-15	Structure	9 AC	X			LASER Range
390-14	Structure	6 AC	X			Paved Test Track
390-14	Structure	10 AC	X			Dirt Test Track
179-55	Structure	20	X			Test Pond
134-70	Structure	8.1	X			Radar Test Pad
831-15	Structure	2 AC	X			Ind Waste Treat Plant
831-14	Building	.4	X			IWTP Bldg

CCN	Facility Type	Area (K SF)	Condition			Use / Comments
			Adequate	Substandard	Inadequate	
852-10	Structure	78.1	X			Parking
852-10	Structure	39 AC	X			Hardstand
214-53	Building	239.3	X			Combat Veh Shops
910	Land	50 AC	X			Unimproved Land

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

a. Facility type/code: N/A
b. What makes it inadequate? N/A
c. What use is currently 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

14.3 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your capability to perform depot maintenance functions? What other investments in the industrial infrastructure would you make to increase your depot maintenance capabilities? Describe quantitatively how the changes above would increase your capabilities. What are the associated costs? What would be the payback period and return on investment?

The Maintenance Center's capability can be increased by 100 percent with minimal expense with the addition of a second eight-hour shift. With no limits on funding or manning, the industrial infrastructure aboard MCLB Albany could be enhanced to unlimited capacity.

Because we are a Multi-Commodity Maintenance Center, the required infrastructure improvements will similarly benefit the amphibious, combat, and tactical vehicle commodity areas; construction and general purpose equipment commodity areas; ordnance, weapons, and munitions commodity area; and the other end items commodity area.

What Industrial Plant Equipment would you change (add, delete, or modify) to increase capability?

14. Facility Measures / Depot Maintenance, continued

The following Industrial Plant Equipment is being procured to improve our existing industrial capabilities and throughput:

- Crankshaft Grinder (Computer Numeric Controlled (CNC) Machine)
- CNC Metal Brake Machine (Qty 2)
- Computerized Drilling and Circuit Board Unit
- Parts Retrieval Systems (Qty 4)
- Signal Generator (Budgeted)
- Test Set, Signal Generator (Budgeted)
- Automatic Autocollinator (Budgeted)
- DIT-MCO Backplane Tester (Budgeted)
- Alternator/Generator Test Stand (Budgeted)
- Automatic Wire Marker (Budgeted)
- 100 KW, 60/400 Hz Load Bank (Budgeted)

What other investments in the industrial infrastructure would you make to increase your depot maintenance capabilities?

The following infrastructure projects are either ongoing, budgeted, or planned for in order to maintain/improve our existing industrial capabilities and throughput:

- Convert five existing acres to concrete hardstand	Planned
- Construction of equipment drain rack	Budgeted
- Replacement of the vehicle undercoating rack	Budgeted
- Improved engine dynamometer facility	MILCON, under construction
- Construction of a new, improved cleaning and coating facility	MILCON, under construction
- Construction of two commercial, stand-alone paint booths	Planned
- Enhancement of Intergraph (CAD/CAM) system to achieve compatibility with Flexible Computer Integrated Manufacturing (FCIM)	Ongoing
- Enhance existing anodizing system for small arms commodities	Budgeted

Describe quantitatively how the changes above would increase your Maintenance Center's capabilities.

- The concrete hardstand improvement described above will increase the equipment staging area by 20 percent.

- The computer numeric controlled crankshaft grinder and metal brake machine will provide for increased production ranging from 30-50 percent depending upon the commodity being processed.

- Replacement of the drain rack and undercoating facilities will enhance the capability to drain and/or undercoat both wheeled and tracked vehicles year-round. In addition, environmental problems with draining vehicles will be completely eliminated.

14. Facility Measures / Depot Maintenance, continued

- The cleaning and coating facility will provide steam cleaning and abrasive blasting of wheeled and tracked vehicles and component parts in an enclosed environment. The facility will replace existing outdoor steam cleaning and abrasive blasting areas which produced airborne contaminants that affected surrounding shops and personnel.

- The engine dynamometer facility will provide six each, state-of-the-art test cells with electronic test consoles to provide more efficient IROAN diagnostic testing of engines with horsepower ranges from 250 to 1,500. The dynamometer and engine cooling water system is close-looped, reducing water usage and industrial waste treatment and costs.

- The construction of commercial paint booths will make available approximately 30,000 square feet of existing enclosed craneway for the repair/rebuild of engineer equipment and other commodity items.

- The installation of flexible integrated computer manufacturing hardware and software will enhance the integration capabilities of going from design to fabricated parts produced by welding, flame-o-graph, punching, machining, and forming by computer ties between the designer and personnel and machines creating the parts. Significant savings will be realized in fabrication of parts due to reduction of several design and programming steps presently required for the start of design to actual part completion.

- An enhanced anodizing system will increase production capability and enhance the quality of small arms items. Anodizing increases the life cycle of small arms by preventing corrosion and also provides a non-glare surface.

- The signal generator is required to test ECU and TRU Sections that have frequency ranges from 100 KHz to 2 GHz with output modulation and both AM/FM with levels from +3 dbm to -127 dbm. Equipment tested is modulation meters received from GPETE, FMF and MPF, Blount Island.

- Procurement of the signal generator test set will provide needed support to an increasing number of microwave generators, communication service analyzers, spectrum analyzers coming in from FMF, GPETE, and Blount Island. The signal generator will repair and calibrate a frequency range of 150 KHz to 18 GHz, +20 dbm to -127 dbm.

- Procurement of the automatic Autocollinator will allow calibration of many physical/dimensional standards we presently have to send to other labs for certification. The Albany Maintenance Center will also be able to increase our capabilities to support Kingsbay, SWFLANT.

- Procurement of the DIT-MCO Backplane Tester will provide the Albany Maintenance Center the capability to perform modification and apply engineering changes to the AN/TTC-42 and SB-3865 switchboard vice returning them to the manufacturer which is time consuming and costly.

- Alternator-generator test stand will replace an existing test stand that is at the end of its life cycle. The test stand is required for testing rebuilt alternators and generators prior to installation in ordnance/tactical vehicles.

- Automatic wire marker will enable the electrical shop to mark 18 AWG wire and smaller. It will print permanent circuit numbers in many places along the length of wire. Present method is to mark wires with wrap-around tape that can easily be removed and is destroyed by oil/grease contamination which causes problems with equipment diagnostic procedures.

14. Facility Measures / Depot Maintenance, continued

- The load bank is required for replacement of an existing load bank that requires excessive maintenance. The load bank is used to test 60 and 400 Hz, 100 KW generators repaired/rebuilt at the Maintenance Center. Failure to replace will result in reduced support for FMF and MPF requirements.

What are the associated costs?

Commodity Areas: amphibious, combat, tactical vehicles; construction and general purpose equipment; ordnance, weapons, and munitions commodities, and other end items equipment.

- Costs for the budgeted and planned infrastructure improvements are estimated to be $2.88M.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be $810K.

Commodity Area: electronic and communications systems.

- The Industrial Plant Equipment identified above is being procured with FY-94 funds and is estimated to be 614K.

What would be the payback period and return on investment?

Commodity Areas: amphibious, combat, tactical vehicles; construction and general purpose equipment; ordnance, weapons, and munitions commodities, and other end items equipment.

The payback period for both industrial plant equipment and infrastructure improvements is 14.0 years. Return on investment is 19.67 percent. The payback period and return on investment are based on information from the following sources:

Commodity Area: electronic and communications systems.

The payback period for both industrial plant equipment and infrastructure improvements is 5.2 years. Return on investment is 58.81 percent.

Payback period and ROI are based on information from the following sources:

Cost Estimating, Second Edition; Rodney D. Stewart, John Wiley and Sons, 1991

Industrial Engineering Methods and Controls; Donald R. Herzog, Restin Publishing Company, INC., 1985

14.4 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of depot maintenance functions at this Logistics Base?

MCLB Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The Base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an

14. Facility Measures / Depot Maintenance, continued

application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this Base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The Base is in the unique position of possessing a storm water permit at the present time. MCLB Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The Base has newly constructed generator 90-day storage facilities which are now in operation. In addition, a collocated Defense Reutilization and Marketing Office (DRMO) accepts long term storage of hazardous waste. DRMO's Treatment, Storage, and Disposal Facility (TSDF) is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB Albany to accept increased workload.

The Base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

MCLB Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Southwest Georgia, no airport or airway is located prohibitively near the Base, no road development issues are under consideration and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the Base and to assure that there are no conflicting uses which interfere with our mission.

MCLB Albany has removed all PCB containing transformers, capacitors, and switches from the Base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks places MCLB Albany in an excellent position to increase operations.

Features and Capabilities

15. Facility Measures / Storage and Warehousing

15.1 Identify all facilities involved with Storage and Warehousing (both inside and outside) by Category Code Number (CCN) (5 digits), area in thousands of square feet (KSF) and condition.

Table 15.1.a: Storage and Warehousing Facilities

CCN	Facility Type	Area (K SF)	Condition			Use / Comments
			Adequate	Substandard	Inadequate	
441-10	COVERED GENERAL PURPOSE STORAGE (HEATED)	802	YES			802KSF INCLUDES WHSES 1220, 1230, 1231, 1241, 1340, & 1341
441-10	COVERED GENERAL PURPOSE STORAGE (UNHEATED)	408	YES			408KSF INCLUDES WHSES 1121, 1251, 1260, & 1361
441-35	COVERED STORAGE (SHED)	14	YES			14KSF INCLUDES SHED STORAGE ON THE ENDS OF WHSES 1250 & 1241.
451	OPEN STORAGE (IMPROVED)	4820	YES			ALL OPEN STORAGE LOTS IN THE INDUSTRIAL AREA
451	OPEN STORAGE (UNIMPROVED)	311	YES			ONLY REPORTING AREA ON WHICH ASSETS ARE ACTUALLY STORED

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

a. Facility type/code: **N/A**
b. What makes it inadequate? **N/A**
c. What use is currently 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**

15. Facility Measures / Storage and Warehousing, continued

15.3 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your capability to perform storage and warehousing functions? What other investments in the industrial infrastructure would you make to increase your storage capabilities? Describe quantitatively how the changes above would increase your capabilities. What are the associated costs? What would be the payback period and return on investment?

a. Addition:

(1) STEAM/DRAIN FACILITY

Construct a vehicle steam rack with drain pit and 1,000 gallon holding tank. Equip the area with required fluid separators, lighting, sump pump, drive through covered work area, in compliance with Environmental Protection Agency (EPA) regulations. 14,000 sq.ft. of concrete holding area to accommodate tracked vehicles with weights exceeding 70 tons. Steam rack must be capable of adjusting to dimensions of vehicles similar in size to a M151A2 Jeep up to a M1A1 Tank.

Steam/drain facility would provide adequate facilities for Fleet Support Division to perform up to second echelon/preservation phases of maintenance on vehicles otherwise directed to the Marine Corps Multi-Commodity Maintenance Center (MC3) for action. Facility will bring Fleet Support Division into compliance with EPA regulations for handling/disposing of hazardous materials generated through the performance of preservation maintenance. Steam cleaning is required prior to care-in-store or application of preservatives per Mil-P-116 and Mil-V-62038e. Current capacity at the MC3 averages 6 to 8 vehicles per day. The MC3 is tasked with multiple projects other than care-in-store. Therefore, they are hard pressed to accomplish the cleaning required by regulation. Current backlog of approximately 1,200 vehicles in condition code "F" exists in Fleet Support Division that will require prescribed cleaning set forth by regulation. It is likely that, if the present method of processing these vehicles continues, the backlogged vehicles would receive inadequate preservation and processing. An addition of this facility to Fleet Support Division, combined with improvements currently in process to upgrade this area, will create a bona fide and effective maintenance shop environment and expand our ability to steam clean 25 vehicles per week, increasing our capacity by 100%.

Acquisition cost: $150,000.00. Data obtained from prior study by the Resident Officer in Charge of Construction (ROICC). Project has been designed but funding remains unavailable.

(2) MAINTENANCE TRUCKS (COMMERCIAL VEHICLE)

Dodge Ram, Model D-2162. Increase Fleet Support Division's garrison mobile equipment fleet with two additional vehicles, configured with modifications that provide an auxiliary battery pack, North Atlantic Treaty Organization (NATO) slave receptacle and 28 volt alternator package. Maintenance trucks will accommodate preventative maintenance personnel performing care-in-store on principle end items maintained by Fleet Support Division. The enhanced mobility provided by these vehicles will increase our ability to perform up to 1,880 care-in-store cycles per year.

Acquisition cost: $24,000.00 ($12,000.00 per vehicle)

15. **Facility Measures / Storage and Warehousing, continued**

b. **Modification**

(1) UPGRADE OPEN STORAGE SPACE AND ROADWAY

(a) Improve open storage lots 1439/Z62 and 1449/Z63 by removing asphalt and installing 8,300 cu.yds of 8" concrete. Improvements should include total coverage of storage lots with concrete surface to accommodate storage of tracked vehicles with weights exceeding 70 tons. Current available reinforced 8" concrete storage space is 194,995 sq.ft. Upgrade of the two storage lots would increase our capacity by 170% and provide required travel surfaces for movement of tracked vehicles to and from shop area. Upgrade of storage lots to concrete decreases the environmental impact of oil spills and leaks experienced with storage and maintenance of all wheeled or tracked vehicles.

Current sq.ft.	194,995
Z62/Z63 sq.ft.	330,196
Total sq.ft.	525,191

Acquisition cost: $1,245,000 (Based on cu.yd. costs of $130.00 for concrete and $20.00 to excavate.)

(b) Upgrade Sixth Street from Radford Boulevard to Greenleaf Street to same specifications as storage lots by removing asphalt and installing 2,504 cu.yds of 8" concrete.

Acquisition cost: $375,600.00 (Based on cu.yd. costs of $130.00 for concrete and $20.00 to excavate.)

(2) IMPROVE UNIMPROVED STORAGE LOTS

Install gravel surface to 869,000 sq.ft. of unimproved storage lots. This will increase Fleet Support Division's improved open storage space by 869,000 sq.ft. (see Table 15.1.a) and provide improved surface to store vehicles on. This will decrease costs of care-in-store cycles on vehicles by decreasing cleaning factors involved with vehicles stored on unimproved storage lots.

Acquisition cost: $380,625.00 (Install 21,750 tons of gravel at a cost of $17.50 per ton to provide a surface depth of 6".)

c. **Deletion:** CHILL SPACE WHSE 1241 (DESTROY/REMOVE)

Destroy/remove unused cold storage facility at Warehouse 1241, Bay 5. Cold storage area is no longer used for its intended purpose. Removal will create an additional 7,511 sq.ft. of general purpose (heated) storage space for which the full use of cubic footage could be obtained. Current configuration restricts available cube to 63,843 cu.ft. Removal of chill space would increase by 88% to 120,176 cu.ft.

Acquisition cost: $36,600.00 (Includes labor cost of $28,672.80, equipment rental of $4,600.00, and overhead profit of $3,337.20.)

15.4 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of storage and warehousing functions at this Logistics Base?

Preliminary environmental assessment indicates that there will be no adverse environmental impact from these projects.

Features and Capabilities

16. Facility Measures / Formal Schools

16.1 Identify all facilities involved with the Training Mission by Category Code Number (CCN)(5 digits), area in thousands of square feet (KSF) and condition.

Table 16.1.a: Formal Schools Facilities

CCN	Facility Type	Area (K SF)	Condition			Use / Comments
			Adequate	Substandard	Inadequate	
171-10	ACADEMIC INSTRUCTION BLDG	SF	89.2			
171-20	APPLIED INSTRUCTION BLDG	SF	30.6	4.1		
171-77	TRNG MATERIAL STORAGE (MISC)	SF	6.5			

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

a. Facility type/code: N/A
b. What makes it inadequate? N/A
c. What use is currently 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

16. Facility Measures / Formal Schools, continued

16.3 Provide the usage requirements for each course of instruction for all formal schools on your installation, by facility Category Code Number (CCN). Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Do include all applicable 171-xx and 179-xx CCNs. Identify each course by the Course Identification Number (CIN). In column A, report total number of student throughput experienced/programmed for that year; in column B, report the number of hours each student spends in this training facility; in column C, report the product of A x B (i.e. total student-hours required for the requested year).

Table 16.3: Instruction Support Requirements

CCN: _____

Type of Training Facility	CIN / School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	AxB	A	B	AxB
ACADEMIC INSTRUCTION BLDG	M0728T1	TMDE 2871	19	1,400	26,600	28	1,400	39,200
ACADEMIC INSTRUCTION BLDG	M0728T2	TMDE 6492	77	1,400	107,800	104	1,400	145,600
ACADEMIC INSTRUCTION BLDG	M0757L1	EOOMS	83	1,280	106,240	142	1,280	181,760
ACADEMIC INSTRUCTION BLDG	M07C0Y1	BP&P	57	320	18,240	70	320	22,400
ACADEMIC INSTRUCTION BLDG	INFORMAL SCHOOL	WCC	350	240	84,000	350	240	84,000

16. Facility Measures / Formal Schools, continued

16.4 Identify the design capacities for all training facilities onboard your installation, grouping the facilities by Category Code Number (CCN). Include all 171-xx and 179-xx CCNs. Design Capacity (PN) reports the total number of seats available for students in spaces used for academic instruction, applied instruction, and seats or positions for operational trainer spaces and training facilities other than buildings (e.g. ranges). Design capacity (PN) must reflect the current use of the facilities.

Ex: For CCN 171-10, a type of training facility is an academic instruction classroom. If you have 10 classrooms type 171-10, each accommodating 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours per day for 300 days each year, the maximum capability for this entry would be 600,000 in student-hours.

Table 16.4: **Training Facilities Design Capacities**

CCN: 171-10

Type of Training Facility	Total Number these Facilities	Design Capacity (PN)	Maximum Capable (Student-Hours / Year)
ACADEMIC INSTRUCTION BLDG	15	300	544,800/1994

16.5 Describe how the Student-Hours per Year values in Table 16.4 above were derived.

Eight (hours per day) X 300 (total students) X 227 (academic days) = 544,800 (student hours)

16.6 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your capability to perform training functions? What other investments in the industrial infrastructure would you make to increase your training capabilities? Describe quantitatively how the changes above would increase your capabilities. What are the associated costs? What would be the payback period and return on investment?

(1) Due to increased student capacity within fiscal year 1994, formal schools could accommodate the construction of new facilities to include both BEQ and training/instruction.

(2) No other investments in the industrial infrastructure would increase training capabilities.

(3) Assuming construction of new facilities, purchase of additional Table of Equipment and increase in instructor population, student throughput could double.

(4) BEQ Facility: $1 million per 100 students.
Training facilities: $1 million per 100 students.
Table of Equipment: dependent on curriculum of instruction.

16.7 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of training functions at this Logistics Base?

None.

Features and Capabilities

17. Facility Measures / Personnel Support

17.1 Provide data on the BOQs and BEQs assigned to your current plant account. The unit of measure for this capability is number of people housed. Use CCN to differentiate between pay grades (i.e., E1-E5, E6-E9, and officers).

Table 17.1: Current Housing Facilities

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
721-11	337	193	337	89,071				
721-12	50	50	50	23,320				
721-13	36	36			36	9,928		
724-11	16	16	16	9,086				
724-12	6	6	6	2,272				

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

Table 17.2: Projected Housing Facilities

Facility Type, Bldg. #, & CCN	Total # Beds	Total# Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
721-11	337	193	337	89,071				
721-12	50	50	50	23,320				
721-13	36	36			36	9,928		
724-11	16	16	16	9,086				
724-12	6	6	6	2,272				

17.3 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories in sections 17.1 through 17.2 above where inadequate facilities are identified provide the following information:

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

17. Facility Measures / Personnel Support, continued

17.4 Complete the following table for the messing facilities assigned to your current plant account.

Table 17.4: Current Messing Facilities

Facility Type, Bldg. #, & CCN	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
722-10	23,040	270	23,040					320

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

Table 17.5: Projected Messing Facilities

Facility Type, Bldg. #, & CCN	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
722-10	23,040	270	23,040					320

17.6 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories in sections 17.4 and 17.5 above where inadequate facilities are identified provide the following information:

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

17. Facility Measures / Personnel Support, continued

17.7 Provide the following information on base infrastructure utility and support services.

Table 17.7: Base Utilities and Support Services

	On Base Capacity	Off Base Long Term Contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	None	As Required	9,000 KW	13,181 KW
Natural Gas (CFH)	None	2.46E8 CF/Yr	20 MCFH	60 MCFH
Sewage (GPD)	None	As Required	900,000	1,500,000
Potable Water (GPD)	6,480,000	As Required	1,000,000	1,700,000
Steam (PSI & lbm/Hr)	125/400	None	125/160	125/330
Long Term Parking	16,256	None	5,200	10,400
Short Term Parking	See	Long	Term	Parking

17.8 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your capability to perform personnel support functions? What other investments in the industrial infrastructure would you make to increase your personnel support capabilities? Describe quantitatively how the changes above would increase your capabilities. What are the associated costs? What would be the payback period and return on investment?

None

17.9 Are there any environmental, legal, or otherwise limiting factors (encroachment, pollutant discharge, etc.) that inhibit further development of personnel support functions at this Logistics Base?

MCLB Albany has been designated as a Superfund Site. Therefore, environmental restrictions apply to development of additional personnel support functions at this logistics Base. Development of the listed Potential Sources of Contamination (PSCs) will be restricted, pending the results of the characterization and remediation of each PSC. Presently 12 PSCs are listed for screening purposes only, and development on these areas could occur after each PSC is screened for absence or presence of contamination and cleared by the Georgia Environmental Protection Division. Fourteen PSCs require full remedial investigation and feasibility studies. Therefore, remedial action must be completed, and each PSC certified before any development could take place. All investigation and cleanup actions are managed under the Installation Restoration Program. Of the approximately 2,000 acres available for further development, about 250 acres are involved in PSCs and an additional 100 acres are wetlands.

18. Facility Measures / Other Facilities

18.1 Identify any other facilities, not included above, that are critical to the Logistic Base's production capability by Category Code Number (CCN), area in thousands of square feet and condition.

None.

Table 18.1.a: Other Facilities

CCN	Facility Type	Area (K SF)	Condition			Use / Comments
			Adequate	Substandard	Inadequate	

Features and Capabilities

19. Training Ranges

19.1 For each type of ground training range available at this installation for support of military units and other organizations, identify the acreage supporting that training, the total hours that range was employed for that training in the Fiscal Years requested, the hours available for training on that range, and the average number of positions. Describe how the hours were calculated. Break out usage between USMC/USN units and units from non-DON organizations as separate line items.

Table 19.1: Pistol/Other Training Ranges

RANGE NAME & #	Size (Acres) & # of Positions	# Hours Range Utilized				# Training Hours Available FY 1993 *	Average # Firing Position Used/Hr FY 1993
		FY 1991	FY 1992	FY 1993			
				DON	Others		
MCLB Albany Pistol Range	3.4 Acre 20 Firing Points	500	500	500	0	2,080	20/HR
TOTAL	3.4 Acre 20 Firing Points	500	500	500 HRS	0 HRS	2,080	20/HR

NOTE 1: One pistol detail equals five hours per day for five days, or 25 hours for detail. Twelve details per year at 25 hours per detail equals 300 hours. Pistol school/training equals eight hours per detail for 12 details, or 96 hours. Pistol Team equals three hours per day for 30 days, or 90 hours. NIS and demonstrations equal 14 hours. Total Hours pistol range utilized equals 500 hours.

19. Training Ranges, continued

19.2 List your projected total usage requirements in training hours for each range identified in Table 19.1.a above for the Fiscal Years requested:

Table 19.2.: Projected Requirements

Projected Requirements	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
MCLB Albany Pistol Range	500	500	500	500	500

19.3 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 capability could be gained? Provide details and list assumptions for all calculations.

None.

19.4 Assuming that additional equipment, MILCON, etc., could be added, what additional capability could be realized for this range? What could be done? At what associated cost? Provide details and list assumptions for all calculations.

1. One hundred seat bleacher/outdoor classroom area. 9,000 aluminum
2. Permanent storage facility for marksmanship equipment. 2,000 window and door.

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

None.

19.6 Identify and describe any inadequate training ranges. Describe the reasons why the range is inadequate; indicate how it is being used and list other possible uses; specify costs to remove the deficiencies that make the range inadequate. Indicate current/future plans to remove these deficiencies and the amount of programmed funds slated for this range.

None.

NOTE: A major inadequacy is the lack of a Base Rifle Range, resulting in a 90 mile one way trip to the nearest rifle range in Columbus, GA. Over 300 hours per year are used for rifle training which doesn't include travel time and cost, scheduling conflicts, vehicle support and maintenance, messing, and associated costs of conducting training 90 miles from the parent command.

No plans are scheduled to construct a local rifle range, however, the possibility of an annual rifle requalification waiver is available as an option.

Features and Capabilities

20. Weapons and Munitions

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

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

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

Table 20.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
Bldg. 1651	24.10	1,000	24.10	1,000	30.0	1,000
TOTAL	24.10	1,000	24.10	1,000	30.0	1,000

20. Weapons and Munitions, continued

20.2 For each Stowage facility identified in question 20.1 above, identify the type of facility (specify if "igloo", "box", etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

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

Table 20.2: Total Facility Ordnance Stowage Summary

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
Bldg. 1651/IGLOO	Small Arms	Training, BSSI, Weapons Testing	Small Arms
	Gun Ammo	25mm Weapons Testing	Gun Ammo
	Pyro/Demo	Explosive K-9 Training	Pyro/Demo Grenades/ Mortors Projectiles

Additional comments: This facility can only accommodate Category 2 Ordnance items. The net explosive weight (new) cannot exceed 1,000 pounds for this facility; anything beyond that would require an ESQD waiver.

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

Table 20.3: Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
Bldg. 1651/IGLOO	1.1	1,000	Y	N	N/A

20. Weapons and Munitions, continued

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

None.

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

Table 20.5: Related Ordnance Support

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs (000's)
Maintenance (specify level)	Y	Artillery and guns, Small Arms Conventional Arms Other *	5.1 26.2 1.3 .5
Testing	Y		**
Manufacturing	N		
Outload	N		
Technical Support	Y		**

* Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.

** Testing and technical support is minimal in DLMHs (less than one percent); however, both are integral parts in providing the highest quality product to our customer. Ordnance testing is performed in four primary facilities: (1) 100-meter test-fire facility; (2) 25-meter test-fire facility; (3) LAV-25, 25mm chain gun test-fire facility. These structures house an indoor target range for live-fire testing to include function firing and accuracy firing. Technical support is provided at the request of the customer which affords us the opportunity to collect valuable feedback from the Marine in the field -- our ultimate customer -- as to concerns pertaining to the dependability, reliability, and maintainability of the products we produce.

Features and Capabilities

21. Productive Output Factors

21.1 For the following Work Centers, provide your productive output in Direct Labor Man Hours (DLMHs) for your depot as it presently operates, and for your depot if it were to expand to maximum potential workload operations. Add other significant work sections as appropriate. Base your responses on a notional normal shift operation (1-8-5) and current commodity mixes.

Table 21.1.a: Productive Output by Work Sections

Work Center	* Current Operations (DLMHs) (000s)	** Full Capability Operations (DLMHs) (000s)
711 Engines	37.4	58.3
712 Power Trains	52.1	78.3
713 Motor Transport	58.8	60.1
714 Hydraulic Accessory	27.9	26.3
715 Engineer Equipment	68.1	54.8
721 Small Arms	28.7	26.1
722 Optics/Fire Control	15.0	22.1
723 Tracked Ordn & Artillery	124.2	120.9
731 Radar	20.2	35.3
732 Comm/Electronics	73.6	88.6
733 Electric Equipment	50.5	51.2
741 Welding	22.9	38.4
742 Body	99.8	87.5
743 Machine	43.3	56.8
744 Sheetmetal	27.9	32.2
Total Table 21.1.a:	750.4	836.9

*** Current operations based on one eight-hour shift, five days a week; number of production equivalents (PEs) multiplied by 1615, by Cost Work Center.**

**** Full capability operations based on formula from DOD Draft Handbook 4151.15-H; number of workstations X 1615 X .95 (availability factor).**

21. **Productive Output Factors, continued**

Table 21.1.b: Productive Output by Work Sections

Work Centers	* Current Operations (DLMHs) (000s)	** Full Capability Operations (DLMHs) (000s)
751 Prep for Shipment	30.0	26.6
752 Cleaning	57.6	44.5
753 Paint	91.2	70.6
754 Care-in Store	21.3	20.0
611 Engineering	9.4	15.4
650 Quality Control	37.0	41.5
670 Automatic Test Support	127.4	121.2
680 Metrology	32.8	33.8
Other (specify)		
Table 21.1.b TOTAL:	406.7	373.6
Table 21.1.a TOTAL:	750.4	836.9
Activity TOTAL	1,157.1	1,210.5

* Current operations based on one eight-hour shift, five days a week; number of production equivalents (PEs) multiplied by 1615, by Cost Work Center.

** Full capability operations based on formula from DOD Draft Handbook 4151.15-H; number of workstations X 1615 X .95 (availability factor).

Features and Capabilities

22. Manpower Factors / Depot Maintenance

22.1 For the Category Codes identified in question 14. above, provide your most current work force (FY 1993) summary, broken out in the categories below.

Table 22.1: Depot Maintenance Manpower Factors

CCN	Facility Type	Work Force Breakout			
		Management	Supervisors/ Leadingmen	Journeymen	Apprentices
610-10	Building (601)	7			
610-10	Building (602)	2			
610-10	Building (603)	6			
610-10	Building (604)	7			
610-10	Building (606)	14			
610-10	Building (607)	2			
610-10	Building (609)	4			
610-10	Building (611)	3			
610-10	Building (613)	5			
610-10	Building (614)	5			
610-10	Building (615)	5			
610-10	Building (617)	6			
610-10	Building (618)	12			
610-10	Building (619)	5			
610-10	Building (613)	2			
610-10	Building (632)	18			
610-10	Building (635)	18	1		13
610-10	Building (636)	3			1
610-10	Building (638)	31			1
610-10	Building (639)		1	4	19
610-10	Building (650)	2			
610-10	Building (651)	6			
610-10	Building (652)		1	9	
610-10	Building (653)		1	8	
610-10	Building (654)	1	1	6	
610-10	Building (655)		1	2	
610-10	Building (655)		1	7	
610-10	Building (656)	1			

CCN	Facility Type	Work Force Breakout			
		Management	Supervisors/ Leadingmen	Journeymen	Apprentices
217-10	Building (670)	2			
217-10	Building (671)	27			
217-10	Building (672)	21			7
217-10	Building (673)	22			
217-10	Building (674)	12			
217-10	Building (680)	2			
217-10	Building (681)	12	1	4	4
217-10	Building (682)	2			
217-10	Building (683)	14			
217-10	Building (684)	9			
214-10	Building (700)	2			
214-10	Building (710)	1	1		
214-10	Building (711)		1 / 2	10	7
214-10	Building (711)			6	4
214-10	Building (712)		1 / 1	11	1
214-10	Building (712)			2	12
214-10	Building (712)			3	1
214-10	Building (713)		5	14	24
214-10	Building (714)		2	11	5
214-10	Building (715)		3	16	25
214-10	Building (720)	1	1		
215-10	Building (721)		1	6	18
215-10	Building (722)		1	9	
214-10	Building (723)		2 / 4	36	46
217-10	Building (730)	1	1		
217-10	Building (731)		1	13	2
217-10	Building (732)		3	30	11
217-10	Building (733)		1 / 1	15	6
214-10	Building (733)		1 / 1	8	2
214-10	Building (740)	1	2		2
214-10	Building (741)		1	8	2
214-10	Building (741)		1	6	
214-10	Building (742)		2 / 1	15	26
214-10	Building (742)			1	1

CCN	Facility Type	Work Force Breakout			
		Management	Supervisors/ Leadingmen	Journeymen	Apprentices
214-10	Building (742)			1	3
315-30	Building (742)			2	
214-10	Building (743)		3 / 1	25	11
214-10	Building (744)		1	13	5
315-30	Building (744)			1	
214-10	Building (750)		1		
214-10	Building (754)		1 / 1		12
214-10	Building (754)				2
214-10	Building (754)				1
214-10	Building (753)		3	15	20
214-10	Building (753)		1	2	10
213-60	Building (753)		2	6	33
214-10	Building (751)		1 / 1	12	3
214-10	Building (751)				2
214-10	Building (752)		3	21	1
214-10	Building (752)		2	13	

Features and Capabilities

23. Manpower Factors / Storage and Warehousing

23.1 For the Category Codes identified in question 15. above, provide your most current work force (FY 1993) summary, broken out in the categories below. Recognizing that your workforce may be aligned to work in more than one facility, breakout your current workforce by categories such that the total does not exceed your total workforce manning level.

Table 23.1: Storage and Warehousing Manpower Factors

CCN	Facility Type	Work Force Breakout			
		Management	Supervisors/ Leadingmen	Journeymen	Apprentices
441-10	COVERED GENERAL PURPOSE STORAGE (HEATED)	3/10	15/21	126/52	
441-10	COVERED GENERAL PURPOSE STORAGE (UNHEATED)	2/2	4/0	36/5	
451	OPEN STORAGE (IMPROVED)			**	
451	OPEN STORAGE (UNIMPROVED)			**	
TOTALS	CIV/MIL	5/12	19/21	162/57	

**** 35 Journeymen from the covered storage areas above work in the open storage lots as required.**

24. Physical Space for Industrial Support

24.1 What is the actual floor space in use in appropriate structures for facilities to perform industrial support functions, in total thousands of square feet (KSF)? What is the planned requirement over the next five years of applicable floor space in appropriate structures for facilities to perform industrial support functions, in total KSF? Given the foregoing, what is the surplus floor space in appropriate structures for facilities to perform industrial support functions, in KSF?

Table 24.1: Industrial Support Physical Space

Categories of Space	Space in KSF		
	Currently In Use	Planned Requirement	Surplus
Office, warehouse, and external storage for procurement, storage, security, issue, packaging, and shipment, etc.	154.2	154.2	-0-
Office space for command, management, and administration, etc.	20.3	20.3	-0-
Office space for drafting, engineering work planning, and computer aided design, etc.	11.6	11.6	-0-
Storage for technical manuals and drawings of equipment and components for life-cycle management, etc.	.6	.6	-0-

Features and Capabilities

25. Facility Limitations

25.1 Provide the maximum number of units throughput (report both Principle End Items (PEIs) and Components (COMP)) that can be simultaneously worked in the present MCLB facilities configuration and if the MCLB were expanded to maximum potential production capacity as identified previously for each commodity type listed.

Table 25.1: Facility Configuration

Commodity Type	Number of Units Worked Simultaneously				* Limiting Factors
	Present Configuration		Maximum Production		
	PEIs	COMP	PEIs	COMP	
Missiles					
Amphibious Vehicles	582	554	568	541	
Combat Vehicles	22	2,279	21	2,224	
Automotive Eqmt					
Tactical Vehicles	2,963	1,575	2,892	1,537	
Construction Eqmt	420	33	410	32	
Electronics & Comm Systems	7,653	**	7,469	**	
Ordn, Wpns, & Munitions	18,904	**	18,450	**	
General Purpose Eqmt	1,910	**	1,864	**	
Other End Items	7,453	**	7,274	**	

*** See 25.2 response - applies to all commodity areas.**

**** DOD Accounting Manual 7220.9M work breakdown structure does not report these commodities to the component level.**

25.2 What recruiting, staffing, hiring limits, apprenticeship training, industrial work standards, promotion policies, personnel support facilities, etc., constrain the productive output of the facility?

Restrictive hiring, due to the freeze, has limited the capability of the Maintenance Center to acquire highly-qualified, well-trained personnel to fill key billets (both direct and indirect).

Features and Capabilities

26. Real Estate Potential

26.1 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).

Table 26.1: Real Estate Resources

Site Location: Marine Corps Logistics Base, Albany, Georgia

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	116	116	565**	1,635***
Operational	0	0	565**	1,635***
Training	16	16	565**	1,635***
R & D	115	15	565**	1,635***
Supply & Storage	428	100	565**	1,635***
Admin	57	57	565**	1,635***
Housing	280	280	565**	1,635***
Recreational	2,326*	126	565**	1,635***
Navy Forestry Program	2,200*	0	0	0
Navy Agricultural Outlease Program	208	0	565**	1,635***
Hunting/Fishing Programs	2,200*	5	0	0
Other-Community Support	47	47	565**	1,635***
Total:	3,593*	762	565**	1,635***

* The total acres of Recreational, Navy Forestry Program, and Hunting and Fishing Programs include 2,200 acres used jointly by all three areas.

** There are approximately 565 acres of land for which development would be restricted: 250 acres of PSCs, 100 acres of wetlands and 215 acres within the safety arc of the Small Arms Firing Range.

*** There are approximately 1635 acres of forestry land available for development. This area could be developed into any of the land use categories listed above.

26. Real Estate Potential, continued

26.2 Identify the following characteristics regarding the base infrastructure.

Table 26.2: Base Utilities

	On Base Capacity	Off Base LongTerm Contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	None	As Required	9,000 KW	13,181 KW
Natural Gas (CFH)	None	2.46E8 CF/Yr	20 MCFH	60 MCFH
Sewage (GPD)	None	6,480,000	900,000	1,500,000
Potable Water (GPD)	6,480,000	6,480,000*	1,000,000	1,700,000
Steam (PSI and Lbm/HR)	125/400	None	125/160	125/330
Long Term Parking	16,256	None	5,200	10,400
Short Term Parking	See	Long	Term	Parking

* All MCLB water is produced on board by MCLB pumps. City of Albany water is available if required.

26.3 Are there any infrastructure constraints (e.g. utilities, available land) that would inhibit significant growth or mission relocation to your station?

No. However, MCLB Albany has been designated as a Superfund Site. Environmental restrictions would apply to approximately 350 acres (250 acres in PSCs and an additional 100 acres in wetlands) of the 2,000 acres available for potential development. Development of the listed Potential Sources of Contamination (PSCs) will be restricted, pending the results of the characterization and remediation of each PSC. Presently, 12 PSCs are listed for screening purposes only, and development on these areas could occur after each PSC is screened for absence or presence of contamination and cleared by the Georgia Environmental Protection Division. Fourteen PSCs require full remedial investigation and feasibility studies. Therefore, remedial action must be completed, and each PSC certified before any development could take place. All investigation and cleanup actions are managed under the Installation Restoration Program.

26.4 If so, describe the constraints.

None.

Features and Capabilities

27. Expenditures and Equipment Values

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

- **Maintenance of Real Property (MRP) is the budgetary term gathering the expenses or budget requirements for facility work and includes recurring maintenance, major repairs and minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call, MRP includes all M1/R1 and M2/R2 expenditures.**
- **Current Plant Value (CPV) refers Class 2 Real Property and is the hypothetical dollar amount required to replace a Class 2 facility in kind at today's dollars (e.g.: the cost today to replace an existing wood frame barracks with another barracks, also wood frame).**
- **Acquisition Cost of Equipment (ACE) reports the total cumulative acquisition cost of all "Personal Property" equipment which includes the cost of installed equipments directly related to mission execution (such as lab test equipment). Class 2 installed capital equipment which is integral to the facility should not be reported as ACE.**

Table 27.1: Expenditures and Equipment Values

FY	MRP ($ K)	CPV ($ K)	ACE ($ K)
1986	6,337	327,302	
1987	6,445	333,622	
1988	6,598	354,346	
1989	7,136	360,336	
1990	10,225	387,023	71,488
1991	7,279	396,446	77,562
1992	7,163	408,321	84,690
1993	4,774	429,264	70,685
1994	9,490	450,812	73,389
1995	7,405	470,651	75,516
1996	7,687	489,957	77,706
1997	7,793	510,023	79,959

NOTE: The figures in the ACE column are cumulative and fluctuate due to transfer and receipt of personal property aboard MCLB, Albany.

ACTIVITY LISTING:

Type	Title	Location
Logistics Base	MCLB Albany	Albany GA
Logistics Base	MCLB Barstow	Barstow CA

Data Call Seventeen (Capacity)

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

NEXT ECHELON LEVEL (if applicable)

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

COMMANDER
Title

MARCORLOGBASES, ALBANY, GA
Activity

J D Stewart
Signature

4 Aug 94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Title

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

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

R. K. RIGGS
Acting Deputy Chief of Staff
for Installations and Logistics
NAME (Please type or print)

Title

R. K. Riggs
Signature

AUG 1 9 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

DATA BEING CERTIFIED Data Call Number Seventeen Capacity

ACTIVITY COMMANDER

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

Signature J D Stewart

COMMANDING GENERAL
Title

Date 4 Aug 94

MCLB, ALBANY, GA
Activity

Data Call Seventeen (Capacity)

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

NEXT ECHELON LEVEL (if applicable)

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

COMMANDER
Title

MARCORLOGBASES, ALBANY, GA
Activity

J D Stewart
Signature

4 Aug 94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Title

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

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

R. K. RIGGS
NAME (Please type or print)

Acting Deputy Chief of Staff
for Installations and Logistics
Title

R. K. Riggs
Signature

AUG 1 9 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

DATA BEING CERTIFIED Data Call Number Seventeen Capacity

ACTIVITY COMMANDER

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

Signature

COMMANDING GENERAL
Title

4 Aug 94
Date

MCLB, ALBANY, GA
Activity

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. H. MYERS, Colonel	[signature]
NAME (Please type or print)	Signature
COMMANDING OFFICER	4 Aug 94
Title	Date
MCLB, BARSTOW	
Activity	

ALBANY, GA JCSG-DM DC#14

127

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP -- DEPOT MAINTENANCE

Table of Contents

Notes 2

Table of Acronyms 4

CAPACITY 5
- 1. Capacity Utilization 5
- 2. Plant Replacement Value 8
- 3. Programmed Workload 9
- 4. Service Centers of Excellence 11

MEASURES OF MERIT 12

Geographic 12
- 1. Location 12
- 2. Environmental Compliance 13
- 3. Environmental Restrictions 15
- 4. Other Collocated Activities 16
- 5. Encroachment 22

Facilities and Equipage 23
- 6. Unique or Peculiar Facilities 23
- 7. Buildings and Their Condition 26
- 8. Unique and/or Peculiar Capabilities and Capacities 30
- 9. Acreage Available for Building 32
- 10. Administrative Space 33
- 11. Industrial Waste 33

Workload and Capabilities 34
- 12. Core Capabilities (DOD) 34
- 13. Core Workloads 37
- 14. Other Workloads (Above Core) 38
- 15. Unique and/or Peculiar Workloads 46
- 16. Scope of Work Performed 48
- 17. Interface with Customers 49

Costs 50
- 18. Real Property Maintenance (RPM) 50
- 19. Annual Operating Costs 50
- 20. Environmental Compliance 51
- 21. Local Wage Rate 51
- 22. Programmed Capital Investments 51

DATA CALL SUPPLEMENT FOR
JOINT CROSS SERVICE GROUP-DEPOT MAINTENANCE

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

Notes in the context of this data call:

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

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

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

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

5. "Core" capability calculations are to be performed in accordance with Office of the Under Secretary of Defense (Logistics) Memorandum dated November 15, 1993 (Subject: Policy for Maintaining Core Depot Maintenance Capability).

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

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

8. Workload, capabilities, and capacities will be measured by commodity groups. A detailed breakout of the JCSG-DM commodity groups is contained in the following box. Insert the commodity groups applicable to your depot maintenance activity into the tables whenever a specific break out is requested by the question. Individual Military Departments in their Service specific data calls, may measure data in different commodity groups or categories, but for the Joint Cross Service analysis, these commodity groups must be utilized.

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

Commodity Groups List

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

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

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

4. Missiles and Missile Components
   Strategic
   Tactical / MLRS

5. Amphibians
   Vehicles
   Components (less GTE)

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

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

8. Automotive / Construction Equipment

9. Tactical Vehicles
   Tactical Automotive Vehicles
   Components

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

11. Sea Systems
    Ships
    Weapons Systems

12. Software
    Tactical Systems
    Support Equipment

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

14. Other

Table of Acronyms

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

INTRODUCTION

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

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

CAPACITY

1. Capacity Utilization

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

Table 1.1.a: Capacity Index (Based on Workload)

JLSC COMMODITY GROUP	INDEX (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	251.3	261.2	241.3	233.0	215.0
Components	30.8	26.8	24.6	24.6	22.7
Ground Combat Vehicles					
Self Propelled					
Tanks	67.4	33.0	29.9	29.4	27.1
Towed Combat Veh					
Components	22.3	17.6	16.0	15.7	14.5
Comm/Elec					
Radar	27.2	21.7	24.2	18.0	16.6
Radio Comm	75.6	87.4	79.9	56.7	71.4
Wire Comm	28.7	16.6	14.9	10.2	8.6
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	1.2	1.8	1.6	1.6	1.0
Satellite/Space Sensors					
Automotive/Construction Equip	53.5	21.5	53.6	52.8	39.5
Tactical Vehicles					
Tactical Vehicles	308.5	427.0	417.8	468.5	480.5
Components	21.4	11.0	9.9	9.8	9.0
General Purpose Items					
Ground Support Equip	20.1	6.4	5.8	5.7	42.9
Small Arms/Per Wpns	119.3	101.9	131.3	129.2	118.3
Munition/Ordnance	1.0	0.3	0.2	0.2	0.2
Grd Generators	5.7	5.7	5.2	3.8	3.5
Other	5.0	1.8	1.6	1.6	1.7
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems	0.0	5.4	4.9	4.8	4.5
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE	89.5	89.1	80.8	79.4	73.4
Other	86.6	78.9	71.6	70.1	64.7
TOTAL	1,215.1	1,215.1	1,215.1	1,215.1	1,215.1

FOOTNOTE: SEE INTRODUCTION PAGE 5

FOOTNOTE: SEE INTRODUCTION PAGE 5

1. Capacity Utilization, continued

Table 1.1.a: Capacity Index (Based on Core)

JLSC COMMODITY GROUP	INDEX (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	131.9	131.9	129.7	137.6	130.9
Components	14.1	14.1	13.7	14.6	13.9
Ground Combat Vehicles					
Self Propelled					
Tanks	43.0	43.0	41.8	44.9	42.7
Towed Combat Veh					
Components	14.2	14.2	13.8	14.8	14.1
Comm/Elec					
Radar	35.0	35.0	42.1	40.0	34.0
Radio Comm	118.8	118.8	113.5	90.8	125.1
Wire Comm	21.6	21.6	20.1	14.8	10.4
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	1.0	1.0	1.0	1.3	
Satellite/Space Sensors					
Automotive/Construction Equip	152.3	152.3	146.5	148.0	177.2
Tactical Vehicles					
Tactical Vehicles	386.0	386.0	402.4	398.0	368.8
Components	13.6	13.6	14.8	14.3	13.6
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns	283.6	283.6	275.7	296.0	282.8
Munition/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other					1.6
TOTAL	**1,215.1**	**1,215.1**	**1,215.1**	**1,215.1**	**1,215.1**

FOOTNOTE: SEE INTRODUCTION PAGE 5

1. Capacity Utilization, continued

The Marine Corps' most unique and essential maintenance process is our "one-stop" maintenance process -- the lifeblood of readiness. We can conduct any piece of Marine Corps ground combat and combat support equipment and totally Inspect, Repair As Necessary (IROAN), rebuild, or repair and return it to our customer directly.

The required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing) of components and/or end items is provided for over 50,000 items annually with the capability to modify priorities, based on customer requirements, at a moments notice.

Maintaining a "one-stop" maintenance process requires a workforce with the flexibility and versatility to perform varying types of maintenance on a number of different types of equipment. Consequently, 80 percent of our workforce is cross-trained in more than one commodity.

The Marine Corps' maintenance capability, flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining Fleet Marine Force readiness.

1. Capacity Utilization, continued

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

Table 1.2.a: **Utilization Index (Based on Workload)**

JLSC COMMODITY GROUP	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	119%	114%	126%	128%	139%
Components	119%	114%	126%	128%	139%
Ground Combat Vehicles					
Self Propelled					
Tanks	119%	114%	126%	128%	139%
Towed Combat Veh					
Components	118%	114%	126%	128%	139%
Comm/Elec					
Radar	119%	114%	126%	128%	139%
Radio Comm	121%	118%	130%	132%	142%
Wire Comm	119%	114%	126%	128%	138%
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	117%	111%	125%	125%	140%
Satellite/Space Sensors					
Automotive/Construction Equip	119%	114%	126%	128%	138%
Tactical Vehicles					
Tactical Vehicles	119%	114%	126%	128%	139%
Components	119%	114%	126%	128%	139%
General Purpose Items					
Ground Support Equip	118%	114%	126%	128%	139%
Small Arms/Per Wpns	119%	114%	126%	128%	139%
Munition/Ordnance	120%	100%	150%	150%	150%
Grd Generators	119%	114%	125%	129%	140%
Other	118%	111%	125%	125%	135%
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE	119%	114%	126%	128%	139%
Other	117%	111%	122%	124%	135%

FOOTNOTE: SEE INTRODUCTION PAGE

1. Capacity Utilization, continued

Table 1.2.a: Utilization Index (Based on Core)

JLSC COMMODITY GROUP	INDEX (%)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	86.7	86.7	89.1	83.1	87.3
Components	86.5	86.5	89.1	82.9	87.1
Ground Combat Vehicles					
Self Propelled					
Tanks	86.7	86.7	89.2	83.1	87.4
Towed Combat Veh	86.6	86.6	89.1	83.1	87.2
Components					
Comm/Elec					
Radar	86.6	86.6	89.1	83.0	87.4
Radio Comm	86.7	86.7	89.2	83.0	87.3
Wire Comm	86.6	86.6	89.1	83.1	87.5
Electronic Warfare					
Navigational Aids	90.0	90.0	90.0	84.6	
Electro-Optics/NV					
Satellite/Space Sensors					
Automotive/Construction Equip	86.7	86.7	89.1	83.0	87.3
Tactical Vehicles					
Tactical Vehicles	86.7	86.7	89.1	83.0	87.3
Components	86.8	86.8	89.2	83.2	87.5
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns	86.7	86.7	89.2	83.0	87.3
Munition/Ordnance					
Grd Generators					
Other					
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other					81.3

FOOTNOTE: SEE INTRODUCTION PAGE 5

1. Capacity Utilization, continued

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

Table 1.3.a: Maximum Potential Capacity (Core Supplemental)
* (UPDATED 10-17-94)

JLSC COMMODITY GROUP	INDEX (DLHs) (000s)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	159.8	160.2	147.5	163.2	150.1
Components	35.1	37.0	32.0	31.6	29.0
Ground Combat Vehicles					
Self Propelled					
Trucks	52.1	52.2	56.2	54.5	50.1
Towed Combat Veh					
Components	34.6	34.6	32.4	32.0	29.4
Comm/Elec					
Radar	46.1	46.2	51.0	45.2	37.7
Radio Comm	177.6	178.0	160.0	126.7	155.0
Wire Comm	33.2	33.3	29.3	22.3	17.0
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	2.2	2.2	2.1	2.3	.8
Satellite/Space Sensors					
Automotive/Construction Equipment	190.4	190.9	191.0	179.7	202.6
Tactical Vehicles					
Tactical Vehicles	485.2	486.5	517.2	530.0	496.0
Components	20.2	20.2	21.6	19.7	18.1
General Purpose Items					
Ground Support Equip	11.2	11.2	10.2	10.2	66.5
Small Arms/Per Wpns	410.9	412.0	438.5	443.1	408.3
Munition/Ordnance	0.0	0.0	0.0	.4	.3
Grd Generators	6.5	6.6	6.0	5.9	5.5
Other	2.2	2.2	2.1	2.3	3.6
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems	0	2.6	2.4	2.3	2.1
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE	78.2	78.4	74.3	93.7	113.6
Other	117.6	117.6	107.2	105.9	97.4
TOTAL	1867.1	1871.9	1881.0	1891.0	1853.1

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

CAPACITY, continued

2. **Plant Replacement Value**

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

Table 2.1: **Expenditures and Equipment Values**

PRV	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Facilities	90,639	94,265	98,035	101,957	106,035
Equipments	309,993	319,285	338,850	338,702	348,850
TOTAL	400,637	413,550	426,885	440,659	454,885

CAPACITY, continued

3. Programmed Workload

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

Table 3.1.a: Programmed Workload

JLSC COMMODITY GROUP	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	21,447.2	23,617.0	23,661.1	18,856.7	17,403.9
Components	2,662.0	2,424.3	2,414.4	1,992.6	1,839.1
Ground Combat Vehicles					
Self Propelled					
Tanks	4,785.0	2,039.7	2,039.7	2,378.4	2,195.2
Towed Combat Veh					
Components	1,579.1	1,090.3	1,090.3	1,271.5	1,173.5
Comm/Elec					
Radar	1,953.2	2,245.7	2,571.0	1,454.9	1,342.8
Radio Comm	5,520.9	9,299.9	8,732.9	4,750.6	5,931.7
Wire Comm	2,062.0	1,711.4	1,576.3	828.7	694.8
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	84.7	181.1	168.5	126.5	81.7
Satellite/Space Sensors					
Automotive/Construction Equip	3,580.1	843.1	3,861.1	4,269.8	3,193.5
Tactical Vehicles					
Tactical Vehicles	20,440.8	34,416.0	37,225.0	37,922.2	38,894.6
Components	1,418.6	882.8	884.6	790.7	729.8
General Purpose Items					
Ground Support Equip	1,695.4	519.7	546.6	461.8	3,473.8
Small Arms/Per Wpns	10,087.0	8,279.4	12,376.8	10,456.3	9,574.8
Munition/Ordnance	85.5	21.3	22.5	19.0	17.5
Grd Generators	484.4	462.6	486.7	310.0	286.0
Other	420.3	142.3	149.7	126.5	134.3
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems	0.0	300.2	300.3	392.2	362.0
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE	6,460.5	4,925.2	4,926.1	6,433.1	5,937.4
Other	6,156.3	4,223.8	4,223.8	5,515.9	5,091.0
TOTAL	90,923.3	97,625.8	107,257.4	98,357.4	98,357.4

Activity: M67004

Table 3.1.b: Programmed Workload (CORE SUPPLEMENTAL)

UPDATED 10-17-94)

JLSC COMMODITY GROUP	DLH (000s)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles	118.7	118.7	120.0	134.3	134.3
Components	26.1	26.1	26.1	26.0	26.00
Ground Combat Vehicles					
Self Propelled					
Tanks	38.7	38.7	44.9	44.9	44.9
Towed Combat Veh	25.7	25.7	26.4	26.4	26.4
Components					
Comm/Elec					
Radar	34.3	34.3	41.5	37.2	33.7
Radio Comm	131.9	131.9	130.2	104.3	138.8
Wire Comm	24.8	24.8	24.0	18.4	15.2
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV	1.7	1.7	1.7	1.9	.8
Satellite/Space Sensors					
Automotive/Construction Equip	141.5	141.5	155.3	147.8	180.3
Tactical Vehicles					
Tactical Vehicles	360.5	360.5	420.8	452.3	443.8
Components	15.1	15.1	17.6	16.3	16.3
General Purpose Items					
Ground Support Equip	8.4	8.4	8.4	8.4	59.5
Small Arms/Per Wpns	305.2	305.2	356.6	364.4	365.4
Munition/Ordnance	4.9	4.9	4.9	.3	.3
Ord Generators	1.7	1.7	1.7	4.9	4.9
Other				2.0	3.3
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems	2.0	2.0	2.0	2.0	2.0
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE	58.2	58.2	60.5	75.9	101.6
Other	87.2	87.2	87.2	87.2	87.2
TOTAL	1386.6	1386.6	1539.8	1554.9	1684.7

Misalignment

Misalignment

Activity: M67004

CAPACITY, continued

4. Service Centers of Excellence

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

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

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

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

Activity: M67004

MEASURES OF MERIT

Geographic

1. Location

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

Activity	Location	Description of Strategic Importance/ Military Value
Repair Division: A Marine Corps Multi-Commodity Maintenance Center	The Maintenance Center is located in Albany, Georgia: 174 miles south of Atlanta, GA 86 miles southeast of Columbus, GA 107 miles southwest of Macon, GA 191 miles northwest of Jacksonville, Fl 221 miles northeast of Pensacola, Fl The Albany Maintenance Center is strategically located to provide quick, unobstructed support to the FMF. Being located within one day's travel of primary CONUS operating forces permits rapid response times in meeting FMF requirements. Additionally, the temperate climate of our location permits outdoor maintenance activities year-round. Our location also provides low distribution and transportation costs while providing a single-source capability to support virtually all of our customers' ground combat equipment maintenance requirements. The Albany Maintenance Center is accessible via major highways, rail, air, and waterway routes. It is this ease of access that allows maximum support in the shortest timeframe to the FMF.	The Albany Multi-Commodity Maintenance Center and its sister facility, Barstow, CA, are singularly unique in the DOD. Each Maintenance Center is a "one stop" maintenance process where the entire item is worked, including components. These maintenance services are performed on <u>All</u> ground combat and combat support equipment used by the Marine Corps. The Maintenance Centers are facilitized and manned to do this with a workforce in which over 80 percent are cross-trained to work in more than one commodity area. The Marine Corps does not maintain extensive maintenance float inventories, so most maintained items are returned directly to the operating forces. The multi-commodity maintenance approach improves readiness, reduces inventory requirements, and generates substantial transportation savings. Albany is also the home base for the Commander of the Marine Corps Logistics Bases (MARCORLOGBASES) and the Blount Island Command, Jacksonville, FL. The Commander is directly responsible to the Commandant of the Marine Corps for Ground Depot Maintenance for the MPF Program, the Marine Corps' single inventory control point for wholesale supply, and the provisioning, readiness, and sustainment of all ground combat and combat support equipment. This direct line of communication and diverse workforce, allow the workload in either Maintenance Center to be adjusted literally overnight to meet mission-critical requirements of national security or power projection. In fact, during FY-92, the Albany Maintenance Center alone, responded to 864 customer requirement changes involving 24,000 asset changes and in FY-93, 993 customer requirement changes with 33,301 asset changes. This demonstrates our ability to respond quickly to the changing needs of our ultimate customer – the Marine in the field.

Activity: M67004

Geographic, continued

2. **Environmental Compliance**

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

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

MCLB, Albany enjoys unique status within DOD as an environmentally compliant facility. Albany is an attainment area for air pollutants. The base possesses a facility-wide permit for all air emissions covering all current operations. We are presently able to operate within the limits of this permit and could go to 24 hour a day, seven day a week operation without violating air permit terms.

In addition, we have begun the process to identify all stationary sources which will require permitting under the Clean Air Act Amendments of 1990 and have met with the State of Georgia concerning this permitting process.

A contractor has completed a study identifying our air sources and the emissions from those sources, and the state has tentatively accepted that study as an application for new permits. This process could be immediately expanded to include increased operations doubling or tripling our capacity.

We have completed construction of improvements to our Industrial Waste Treatment Plant which greatly increase the capacity of that fully permitted facility. Operations could be conducted on a 24 hour day, 365 day a year basis within the current capacity of that plant. That secondary treatment facility meets all current and proposed regulations of which this base is aware. The effluent discharge from that facility flows to the Albany municipally owned treatment works which has ample capacity to accept increased flow.

The base is in the unique position of possessing a storm water permit at the present time. MCLB, Albany is able to increase operations while remaining within the limits of current permits. The Clean Water Act would propose no limit on our expanding operations.

MCLB Albany is in an excellent position regarding hazardous waste. The base has newly constructed generator 90 day storage facilities which are now in operation. In addition, a collocated Defense Reutilization and Marketing Office (DRMO) accepts long term storage of hazardous waste. DRMO's Treatment, Storage, and Disposal Facility (TSDF) is fully permitted. We have capacity within our generator storage system to accept increased hazardous waste associated with increased operations tempo.

Waste minimization projects currently underway will additionally operate to reduce current hazardous waste generation levels. These two factors, coupled with the capabilities of the collocated DRMO TSDF, make it feasible for MCLB, Albany to accept increased workload.

The base enjoys excellent relationships with the Georgia Department of Natural Resources, Region IV of the Environmental Protection Agency, and the Dougherty County Clean Commission. Through the value of these established relationships, we are able to readily deal with the issues that could arise with an increased operations pace.

Activity: M67004

Geographic, continued

2. Environmental Compliance, continued

MCLB, Albany further benefits from its fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments.

There are ample water supplies in Georgia, no airport or airway is located prohibitively near the base, no road development issues are under consideration, and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the base and to assure that there are no conflicting uses which interfere with our mission.

MCLB, Albany has removed all PCB containing transformers, capacitors, and switches form the base. In the process of this removal, a new electrical distribution system was essentially installed. The existing system could now be considered as being only two to three years old. This new electrical distribution system is fully capable of handling the requirements which may be imposed as a result of increased operations.

MCLB, Albany has removed all regulated underground storage tanks which were in a noncompliance status. The identification, location, testing, and removal of regulated tanks places MCLB, Albany in an excellent position to increase operations.

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

No actual or programmed work at this installation has been restricted or delayed because of environmental consideration.

Activity: M67004

Geographic, continued

3. Environmental Restrictions

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

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

There are no workloads or processes affected by environmental restrictions/ compliance.

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

Type	Provisions	Describe
Hazardous Waste	Part B Permit of Resource Conservation and Recovery Act	The permit establishes guidelines for generation, storage, and disposal of hazardous waste. The facility is in complete compliance with the provisions.
Radioactive Materials	Base Order 5100.11 Marine Corps Order P4400.1	The orders prescribe procedures for disposal of radioactive materials. The facility is in complete compliance.

Activity: M67004

Geographic, continued

3. Environmental Restrictions

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

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

There are no workloads or processes affected by environmental restrictions/ compliance.

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

Type	Provisions	Describe
Hazardous Waste	Part B Permit of Resource Conservation and Recovery Act	The permit establishes guidelines for generation, storage, and disposal of hazardous waste. The facility is in complete compliance with the provisions.
Radioactive Materials	Base Order 5100.11 Marine Corps Order P4400.1	The orders prescribe procedures for disposal of radioactive materials. The facility is in complete compliance.

Activity: M67004

Geographic, continued

4. Other Collocated Activities

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

Collocated Activity	Benefit/Relationship/Impact
Integrated Logistics Support Directorate (ILSD)	Weapons Systems Management
Fleet Support Division (FSD)	Marine Corps' Storage and Distribution and Publications
Human Resources Office	Personnel Actions, Staffing, Classification, and EEO Program
Information Resources Management Directorate (IRMD)	Mainframe Support and Personal Computer Maintenance
Maintenance Directorate	Administrative oversight of the Maintenance Centers for workload, engineering, and financial operations
Contracts Directorate	Administrate the contractual process
Communications Office	Support for telephone service, radio maintenance, and related equipment purchases
Facilities and Services (F&S) Division:	
Base Safety Office	Support for the Safety Program
Base Property Office	Accountability of assets greater than $25k
Motor Transportation Office	Maintenance and operation of transportation equipment
Utilities	Cost of utilities, potable water, sewage, gas, and steam
Hazardous Waste Disposal	Disposal of hazardous waste material
Maintenance: Building, Equipment, Tools, Preventative	Maintenance of buildings, equipment, and tools
Engineering Equipment	Provide use of engineering equipment
Minor Construction	Design, engineering and construction of non-capitalized Minor Construction projects

Activity: M67004

Geographic, continued

4. Other Collocated Activities, continued

Collocated Activity	Benefit/Relationship/Impact
Graphic Arts	Photography and slides Services
Public Works	Public Works Engineering Support
Industrial Waste Treatment Plant	Operation and maintenance of the Industrial Waste Treatment Plant
Janitorial	Janitorial Services
Refuse and Garbage	Refuse and Garbage pickup
Fire Protection	Fire protection services
Other Agencies:	
Defense Logistics Agency (DLA)	Shipping, Preservation, and Packaging Support
Defense Finance and Accounting Service (DFAS)	Recording and reporting of DBOF financial operations, Disbursing
Naval Branch Dental Clinic	Dental Services
Naval Branch Medical Clinic	Medical Services
Defense Printing Service	Duplication Services
Naval Facilities Contracts Office	Administrative oversight over facilities
Defense Reutilization and Marketing Office (DRMO)	Property Disposal

Activity: M67004

Geographic, continued

4. Other Collocated Activities, continued

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

Collocated Activity	**Support To or Supported By the Maintenance Center**
Integrated Logistics Support Directorate (ILSD)	Support to and Supported by
Fleet Support Division (FSD)	Support to and Supported by
Human Resources Office	Support to
Information Resources Management Directorate (IRMD)	Support to
Maintenance Directorate	Support to
Contracts Directorate	Support to
Communications Office	Support to
Facilities and Services (F&S) Division:	
Base Safety Office	Support to
Base Property Office	Support to
Motor Transportation Office	Support to
Utilities	Support to
Hazardous Waste Disposal	Support to
Maintenance: Building, Equipment, Tools, Preventative	Support to
Engineering Equipment	Support to
Minor Construction	Support to
Graphic Arts	Support to
Public Works	Support to
Industrial Waste Treatment Plant	Support to
Janitorial	Support to

Activity: M67004

Geographic, continued

4. Other Collocated Activities, continued

Collocated Activity	Support To or Supported By the Maintenance Center
Other Agencies:	
Refuse and Garbage	Support to
Fire Protection	Support to
Defense Logistics Agency (DLA)	Support to and Supported by
Defense Finance and Accounting Service (DFAS)	Support to
Naval Branch Dental Clinic	Support to
Naval Branch Medical Clinic	Support to
Defense Printing Service	Support to
Naval Facilities Contracts Office	Support to
Defense Reutilization and Marketing Office (DRMO)	Support to

Activity: M67004

Geographic, continued

4. Other Collocated Activities, continued

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

Collocated Activity	**Support To or Supported By the Maintenance Center**
Integrated Logistics Support Directorate (ILSD)	None
Fleet Support Division (FSD)	Significant increase in transportation cost.
Human Resources Office (HRO)	Service would have to be provided by another source/agency. The Maintenance Center reviews applications on-site due to the technical nature and multi-skilled requirements. Without the Maintenance Center, HRO cost would significantly increase for the remaining base operations.
Information Resources Management Directorate (IRMD)	Service would have to be provided by another source/agency.
Maintenance Directorate	None
Contracts Directorate	None
Communications Office	Service would have to be provided by another source/agency.
Facilities and Services (F&S) Division:	
Base Safety Office	Service would have to be provided by another source/agency.
Base Property Office	Service would have to be provided by another source/agency.
Motor Transportation Office	Service would have to be provided by another source/agency.
Utilities	Service would have to be provided by another source/agency.
Hazardous Waste Disposal	Service would have to be provided by another source/agency.
Maintenance: Building, Equipment, Tools, Preventative	Service would have to be provided by another source/agency.

Activity: M67004

Geographic, continued

4. Other Collocated Activities, continued

Collocated Activity	Impact If Not Collocated
Engineering Equipment	Service would have to be provided by another source/agency.
Minor Construction	Service would have to be provided by another source/agency.
Graphic Arts	Service would have to be provided by another source/agency.
Public Works	Service would have to be provided by another source/agency.
Industrial Waste Treatment Plant	Service would have to be provided by another source/agency.
Janitorial	Service would have to be provided by another source/agency.
Refuse and Garbage	Service would have to be provided by another source/agency.
Fire Protection	Service would have to be provided by another source/agency.
Other Agencies:	
Defense Logistics Agency (DLA)	Significant increase in transportation cost.
Defense Finance and Accounting Service (DFAS)	None
Naval Branch Dental Clinic	Service would have to be provided by another source/agency.
Naval Branch Medical Clinic	Service would have to be provided by another source/agency.
Defense Printing Service	Service would have to be provided by another source/agency.
Naval Facilities Contracts Office	Service would have to be provided by another source/agency.
Defense Reutilization and Marketing Office (DRMO)	Service would have to be provided by another source/agency.

Activity: M67004

Geographic, continued

5. Encroachment

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

No activity has been constrained.

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

MCLB, Albany enjoys fine community relations when considering and dealing with encroachment issues. There are currently no encroachment problems. An increased operations tempo would not raise other issues of encroachments. There are ample water supplies in Southwest Georgia, no airport or airway is located prohibitively near the base, no road development issues are under consideration and no housing developments interfere with our operations. In fact, Dougherty County is actively working to improve access to the base and to assure that there are no conflicting uses which interfere with our mission.

Facilities and Equipage

6. Unique or Peculiar Facilities

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

Test Facility	Describe Uniqueness/Peculiarity
Tracked Vehicle Test Slope	The Tracked Vehicle Test Slope is an elevated, concrete test ramp (completed in 1986) that provides 30 and 60 percent grades for tracked vehicle testing and evaluation.
4-Axle Chassis Dyno *	This test facility provides the capability to subject the LAV to various road conditions which simulate actual road circumstances while quantitatively determining horsepower output at each drive axle independently. This ensures proper functioning of the drive train and its components.
Test Pond **	The Test Pond is used to test amphibious vehicles, such as the LAV and the AAV and other watercraft, such as the Bridge Erection Boat. The AAV is attached to thrust-measurement instrumentation to quantitatively measure the thrust produced by the water propulsion system. Water-tight integrity of the hull, vehicle steering, and bilge pump operation are also tested here. Testing is performed in accordance with requirements of the maintenance criteria.
25MM Firing Range *	The 25 millimeter chain gun is the primary weapon on the LAV-25. This facility permits safe, live, all weather test firing of the chain gun in the vehicle or mounted in a test-fire fixture. The facility is completely enclosed to reduce noise and provide a safe environment for the general area.
Paved Test Track (1 Mile)	The Albany Maintenance Center's Vehicle Test Track is an oval, concrete track 20 feet wide, 10 inches thick, and one mile long. The track provides the capability to actually road test repaired/ rebuilt wheeled and tracked vehicles to ensure performance requirements are met.

* Testing facilities unique to MCLB, Albany.

** Testing facilities unique to MCLB, Albany and one other organic depot.

Activity: M67004

Facilities and Equipage, continued

6. Unique or Peculiar Facilities, continued

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

Test Facility	Reasons Required for Maintenance
Tracked Vehicle Test Slope	The slope provides the capability for testing tracked vehicle braking, hill climbing ability, and fuel system operation, as well as gun fire-control synchronization and operation as required by maintenance criteria for tracked vehicles.
4-Axle Chassis Dyno	Fifth echelon and IROAN maintenance criteria for the LAV require vehicle dynamometer testing to verify drive train performance.
Test Pond	The test pond is necessary to test the water-tight integrity of the hulls of amphibious vehicles. The pond also affords the capability to functionally test the water propulsion units and all systems on the vehicle required to perform amphibious operations. The pond contains approximately 3.75 million gallons of water, is 15 feet deep, and is constructed of reinforced concrete.
25MM Firing Range	To ensure proper weapon function, the chain gun must be test fired. Test-firing the gun in the vehicle also ensures proper function of the feed chutes and interactive controls and switches.
Paved Test Track (1 Mile)	All wheeled and tracked vehicles which undergo maintenance at the Maintenance Center are tested to ensure that drive train, brake, steering, and suspension components and systems meet required performance specifications.

Activity: M67004

Facilities and Equipage, continued

6. Unique or Peculiar Facilities, continued

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

Test Facility	Describe Testing Alternatives
Tracked Vehicle Test Slope	No alternative exists.
4-Axle Chassis Dyno	Vehicles could be road-tested as an alternative, however, this would not permit controlled, full loading of all axles nor loading of each axle for performance data collection.
Test Pond	No other means of testing vehicles, in accordance with maintenance criteria, is available.
25MM Firing Range	No other means of test firing the 25mm chain gun are available unless the vehicle and/or the gun is transported 100 miles to another firing range. This alternative is costly in terms of time and funding, is not effective or efficient, and would be limited by weather conditions.
Paved Test Track (1 Mile)	Wheeled vehicles could be tested on public highways, with accompanying sacrifice in regard to safety and flexibility. No alternative exists for road testing tracked vehicles.

Facilities and Equipage, continued

7. Buildings and Their Condition

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

Table 7.1: **Facility Conditions**

CCN	Facility Type	Area (K SF)	Condition			Use / Comments
			Adequate	Substandard	Inadequate	
214-56	Structure	1.2	X			Drain Rack
124-65	Structure	2.8	X			Fuel Storage
411-30	Structure	.8	X			2218 Fuel Storage
125-20	Structure	5.5	X			POL Storage
214-55	Structure	4	X			Steam Clean
214-55	Building	7.1	X			Steam Clean 2236
214-55	Building	6	X			Steam Clean
213-60	Building	11.8	X			Sandblast Area 2236
213-60	Building	3.6	X			Sandblast Booths
411-30	Structure	2	X			Fuel Station
831-41	Building	3.8	X			Haz Waste Sto Fac
821-09	Building	5	X			Heat Plant (Blr Rm)
821-09	Building	.8	X			2236
218-77	Building	19.4	X			Storage
218-77	Building	20.1	N			Storage
218-77	Building	8	X			Storage
218-77	Building	6	X			Storage
218-77	Building	4.8	X			Storage
218-77	Building	1.6	X			Storage
730-25	Building	.1	X			Gate House
171-50	Building	14	X			100-Meter Range
171-50	Building	3.2	X			25mm Range
171-50	Building	2.8	X			Small Arms Range
214-20	Building	5.5	X			Dyno Facility
218-77	Buildings	86.2	X			Storage
218-77	Buildings	44.1	X			Storage
211-09	Structure	12.1	X			Bore Sight Ramp

Activity: M67004
Activity: M67004

CCN	Facility Type	Area (KSF)	Condition			Use/ Comments
			Adequate	Substandard	Inadequate	
213-51	Building	12.9	X			Small Arms Repair
213-50	Building	4.5	X			Optic Repai Shop
143-70	Building	2.4	X			Nondestruct Test
740-26	Building	1.8	X			Cafeteria
217-10	Building	26.85	X			Comm/El Shops
213-57	Building	14.4	X			Electric Shop
219-10	Building	2.4	X			Maint Shop
171-10	Building	.8	X			Training Room
171-10	Building	.5	X			Training Room
171-10	Building	.7	X			Training Room
171-10	Building	.3	X			Training Room
211-80	Building	33	X			TMDE/ATS Fac
610-10	Building	2	X			Admin Office
610-10	Building	15.8	X			Admin Office
610-10	Building	10.4	X			Admin Office
610-10	Building	2.9	X			Admin Office
740-26	Building	.7	X			Cafeteria
730-15	Building	8.1	X			Bathroom
143-70	Buildin	1.1	X			RADIA Facility
218-77	Building	.2	X			Storage
141-60	Building	2.8	X			Photo Lab
310-13	Building	.9	X			Chemist Lab
441-30	Building	2.4	X			Flammable Storage
441-30	Building	.4	X			Flammable Storage
219-30	Building	18.1	X			Painting
219-30	Building	26.8	X			Painting
219-30	Building	8.6	X			Painting
219-30	Structure	2.2	X			Undercover Ramp
371-15	Structure	9 AC	X			LASER Range
390-14	Structure	6 AC	X			Pave Test Track
390-14	Structure	10AC	X			Dirt Test Track
179-55	Structure	20	X			Test Pond
134-70	Structure	8.1	X			Rada Test Pad
831-15	Structure	2 AC	X			Ind Waste Treat Plant

Activity: M67004
Activity: M67004

CCN	Facility Type	Area (KSF)	Condition			Use/ Comments
			Adequate	Substandard	Inadequate	
831-14	Building	.4	X			IWTR Bldg
852-10	Structure	78.1	X			Parking
852-10	Structure	39AC	X			Hardstand
214-53	Building	239	X			Combat Vehicle Shops
910	Land	50AC	X			Unimproved Land
TOTAL SQUARE FEET		832.1				
TOTAL ACREAGE		116				

Activity: M67004

Facilities and Equipage, continued

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

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

Table 7.2.a: Space Available for Expansion

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

Activity: M67004

Facilities and Equipage, continued

8. Unique and/or Peculiar Capabilities and Capacities

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

Depot Maintenance Capability/ Capacity	Describe Why Unique/Peculiar
CARC Paint Facility	The CARC Paint Facility (completed in 1990) is a state-of-the-art structure that permits year-round, all-weather, CARC painting operations. It is environmentally compliant with the Clean Air Act Amendments. During Operations Desert Shield/Storm, over 36,000 Principal End Items (PEI's) were processed through this facility.
Chrome Plating Facility	The Chrome Plating Facility (placed into service in 1992) allows reclamation of worn parts by build-up of industrial chrome plating. The facility features a closed-loop system that provides for the containment of hazardous waste by-products produced as a result of the chrome plating process. These by-products are disposed of in accordance with Federal, State, and local laws governing hazardous waste disposition. The Chrome Plating Facility is also equipped with air scrubbers that prevent water and air pollution.
Engine Dynamometer	This facility contains six dynamometers – two 250 horsepower (HP), two 500 HP, one 750 HP, and one 1500 HP – capable of performance testing engines while measuring all performance parameters including torque, engine oil pressure/temperature, coolant temperature, crankcase pressure, fuel pressure/temperature, and other engine performance characteristics as well as horsepower. Engine cooling employs a water recirculation system that provides for water conservation and reduction of industrial waste effluent.
CNC Machining	Computer Numeric Controlled (CNC) machining is a capability that reduces multiple setup operations by 80%, increases quality by close tolerance repeatability, and reduces the need for specialty type tooling for complex machining of parts. For example, the 3-Axis VMC 200 mill has a tool rack capable of holding (60) individual tools and can be programmed to perform a number of machining operations start-to-finish, automatically. CNC milling machines, lathes, punch presses, and a robotic welder are located throughout the Albany Maintenance Center enhancing the ability to manufacture needed parts or components that are obsolete or not in the Federal Supply System. The VMC 200 Mill was used during Operations Desert Shield/ Storm to remanufacture drive sprockets for the AAV. The drive sprockets were not available in the Federal Supply System nor from the manufacturer. The service life of a new sprocket was only about 100 hours in the desert sand, thus requiring a significant effort to keep the operational forces supplied with replacement sprockets as they prepared for the assault into Kuwait.
Communications/ Electronics Repair	The Albany Maintenance Center has a wide range of electronic test and repair capabilities to support the full spectrum of communication equipment and is the DOD sole-source repair facility to for the Unit Level Circuit Switch (ULCS) (includes the AN/TTC-42 Shelter and the SB-3685 Switchboard); SB-3614 Automated Switchboard; AN/UYG-3 Airborne-Mobile Direct Air Support Central; AN/PRC-68A/68B Hand-Held Radios; AN/PRC-127/128/136 Radio Sets; and the AN/PRC-104/104B High Frequency (HF) Radio Sets. The Maintenance Center supports not only the Marine Corps on these items, but the U.S. Army, Navy, Air Force, and several foreign allies as well. The Maintenance Center also repairs radars, radio sets, communication centers, and mine detectors.
Abrasive Blast Facility	The Abrasive Blast Facility (19,600 square feet) is a state-of-the-art cleaning facility that permits year-round, indoor, centralized abrasive blast, steam cleaning, phosphate coating, and parts washing capabilities. The structure houses four blast booths with the capability for multi-media abrasive blast (sand, steel shot, plastic, glass bead, and a Bicarbonate of Soda System (BOSS)); six high pressure, hot-water-and-soap steam cleaning stations; and a parts washer (high pressure, hot-water-and-soap) with a turntable 10 feet in diameter and a four-ton hoist that allows cleaning of multiple parts and components at one time. This modern facility also contains Rotoblast, Tumble Blast, and Bead Blast machines. Additionally, there are two steam cleaning pits to allow vehicle undercarriage access and a phosphate coating tank with hot and cold water rinse. To permit phosphate coating of large parts, a one-ton bridge crane is mounted above the tank. The facility also has its own boilers for steam generation and its own oil and water separator. The Abrasive Blast Facility complies with Federal, State, and local environmental laws.

Activity: M67004

Facilities and Equipage, continued

8. Unique and/or Peculiar Capabilities and Capacities

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

Facility/Equipment	Describe Why It is One of a Kind
Four-Axle Chassis Dynamometer *	The Albany Maintenance Center possesses the world's only Four-Axle Chassis Dynamometer which was specifically designed to test all variants of the Light Armored Vehicle (LAV). This dynamometer has been in use since 1985 and allows the LAV to be subjected to various load conditions which simulate actual road circumstances while quantitatively determining horsepower output and speed independently at each drive axle. This ensures that each component in the drive train is functioning properly. The Four-Axle Chassis Dynamometer significantly reduces the likelihood that a vehicle with a single marginal transfer or drive axle could be passed if the total system was within specifications. The Maintenance Center also operates a Three-Axle Chassis Dynamometer which supports all two- and three-axle wheeled vehicles.
Cross-Drive Transmission Dynamometer	The Cross-Drive Transmission Dynamometer is used to test the transmissions in tracked combat vehicles, such as the M-88 Tank Retriever and the Assault Amphibian Vehicle (AAV). The unique features of the facility are the 500 horsepower drive source and the capability to apply load to the output shafts in the dynamic state. It provides for a full range of dynamic tests which simulate actual road conditions and measure transmission torque, speed, fluid pressures and temperatures and other operating characteristics.
In-Line Transmission Dynamometer	The In-Line Transmission Dynamometer tests conventional transmissions used in all wheeled vehicles. This dynamometer measures all performance parameters under conditions which simulate actual operation in the vehicle.
100-Meter Test-Fire Range	The 100 Meter Test-Fire Range is an all-weather, enclosed facility used to support accuracy testing of a variety of service rifles and machine guns prior to release to the Fleet Marine Force (FMF). Acceptance criteria of the weapons requires that a certain number of the rounds fired be grouped within a defined diameter on the target when fired at a distance of 100 meters. The weapon is also function fired to ensure the proper cyclic rate of fire (rounds per minute). This test-fire range ensures the dependability, reliability, and quality of the weapons rebuilt at the Albany Maintenance Center.
25MM Chain Gun Test-Fire Facility *	The 25 millimeter Chain Gun is the primary weapon on the LAV-25. This facility is closed and permits safe, live, all-weather test firing of the Chain Gun in or out of the vehicle. Experience with this weapon system has demonstrated that test firing is extremely important, particularly since many of the completed LAV-25's are loaded directly to MPF ships and may be required to fire the first time in combat.
Tracked Vehicle Test Slope	The Tracked Vehicle Test Slope is an elevated, concrete test ramp that provides 30 and 60 percent grades for tracked vehicle testing and evaluation. Braking, hill climbing ability, and fuel system operation, as well as gun fire-control synchronization and operation are among the tests performed on the slope.
Test Pond **	The Test Pond is used to test amphibious vehicles, such as the LAV and the AAV and other watercraft, such as the Bridge Erection Boat. The facility is equipped with thrust-measurement instrumentation to quantitatively measure the thrust produced by the water propulsion system. Water-tight integrity of the hull, vehicle steering, and bilge pump operation are also tested here. The pond contains approximately 3.75 million gallons of water and is 15 feet deep. facility construction.
Paved Vehicle Test Track	The Albany Maintenance Center's Vehicle Test Track is an oval, concrete track 20 feet wide, 10 inches thick, and one mile long, and has banked curves to allow continuous high-speed testing. All wheeled and tracked vehicles which undergo maintenance at the Maintenance Center are tested here to ensure that drive train, brake, steering, and suspension components and systems meet required performance specifications.

* Testing facilities unique to MCLB, Albany.

** Testing facilities unique to MCLB, Albany and one other organic depot.

Activity: M67004

Facilities and Equipage, continued

9. Acreage Available for Building

9.1 What acreage on the installation does the government own in the proximity of the depot maintenance area that could be used for future expansion? Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Report in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage.

Table 9.1: **Real Estate Resources**

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	116	116	565**	1,635***
Operational				
Training	16	16	565**	1,635***
R & D	115	15	565**	1,635***
Supply & Storage	428	100	565**	1,635***
Admin	57	57	565**	1,635***
Housing	280	280	565**	1,635***
Recreational	2,326*	126	565**	1,635***
Forestry Program	2,200*			
Agricultural Outlease Program	208		565**	1,635***
Hunting/Fishing Programs	2,200*	5		
Other	47	47	565**	1,635***
Total:	7,993*	762	5,085*	14,715***

* The total acres of Recreational, Navy Forestry Program, and Hunting and Fishing programs include 2,200 acres used jointly by all three areas.

** There are approximately 565 acres of land for which development would be restricted: 250 acres Potential Sources of Contamination, 100 acres of wetlands and 215 acres within the safety arc of the Small Arms Firing Range.

*** There are approximately 1,635 acres of land available for development. This area could be developed into any of the land use categories list above.

Activity: M67004

Facilities and Equipage, continued

10. Administrative Space

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

Current Use	Square Feet	Potential Use (Be Specific)

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

11. Industrial Waste

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

Inhibiting Factor	Provide Detailed Description

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

Activity: M67004

MEASURES OF MERIT

Workload and Capabilities

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

12. Core Capabilities (DOD)

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

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

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Missiles				
Strategic				
Tactical/MLRS				
Amphibians				
Vehicles	114.3	115.6	114.3	114.3
Components	12.2	12.2	12.1	12.1
Ground Combat Vehicles				
Self Propelled				
Tanks	37.3	37.3	37.3	37.3
Towed Combat Veh				
Components	12.3	12.3	12.3	12.3
Comm/Elec				
Radar	12.1	15.7	8.0	11.4
Radio Comm	43.1	44.1	20.6	43.5
Wire Comm	7.5	7.5	3.0	3.5
Electronic Warfare				
Navigational Aids				
Electro-Optics/NV	0.9	0.9	1.1	0.0
Satellite/Space Sensors				
Automotive/Construction Equip	132.0	130.6	122.9	154.7
Tactical Vehicles				
Tactical Vehicles	334.6	358.7	330.5	322.0
Components	11.8	13.2	11.9	11.9
General Purpose Items				
Ground Support Equip				
Small Arms/Per Wpns	245.8	245.7	245.8	246.9
Munition/Ordnance				
Grd Generators				
Other				1.3
TOTAL	963.9	993.8	919.8	971.2

Activity: M67004

Workload and Capabilities, continued

12. Core Capabilities (DOD), continued

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

Table 12.2.a: Core Capability Retained for Other Services

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Comm/Elec				
Radar	18.2	21.8	25.2	18.3
Radio Comm	59.9	57.1	54.8	65.4
Wire Comm	11.2	10.4	9.3	5.6
Electronic Warfare				
Navigational Aids				
Electro-Optics/NV				
Satellite/Space Sensors				
TOTAL	89.3	89.3	89.3	89.3

Activity: M67004

Workload and Capabilities, continued

12. Core Capabilities (DOD), continued

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

Table 12.3.a: Service-Controlled Core (Title 10)

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Missiles				
Strategic				
Tactical/MLRS				
Amphibians				
Vehicles	114.3	115.6	114.3	114.3
Components	12.2	12.2	12.1	12.1
Ground Combat Vehicles				
Self Propelled				
Tanks	37.3	37.3	37.3	37.3
Towed Combat Veh				
Components	12.3	12.3	12.3	12.3
Comm/Elec				
Radar	12.1	15.7	8.0	11.4
Radio Comm	43.1	44.1	20.6	43.5
Wire Comm	7.5	7.5	3.0	3.5
Electronic Warfare				
Navigational Aids				
Electro-Optics/NV	0.9	0.9	1.1	0.0
Satellite/Space Sensors				
Automotive/Construction Equip	132.0	130.6	122.9	154.7
Tactical Vehicles				
Tactical Vehicles	334.6	358.7	330.5	322.0
Components	11.8	13.2	11.9	11.9
General Purpose Items				
Ground Support Equip				
Small Arms/Per Wpns	245.8	245.7	245.8	246.9
Munition/Ordnance				
Grd Generators				
Other				1.3
TOTAL	963.9	993.8	919.8	971.2

Activity: M67004

Workload and Capabilities, continued

13. Core Workloads

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

Table 13.1.a: **Total Core Workloads**

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Amphibians				
Vehicles	114.3	115.6	114.3	114.3
Components	12.2	12.2	12.1	12.1
Ground Combat Vehicles				
Self Propelled				
Tanks	37.3	37.3	37.3	37.3
Towed Combat Veh				
Components	12.3	12.3	12.3	12.3
Comm/Elec				
Radar	30.3	37.5	33.2	29.7
Radio Comm	103.0	101.2	75.4	109.2
Wire Comm	18.7	17.9	12.3	9.1
Electronic Warfare				
Navigational Aids				
Electro-Optics/NV	0.9	0.9	1.1	0.0
Satellite/Space Sensors				
Automotive/Construction Equip	132.0	130.6	122.9	154.7
Tactical Vehicles				
Tactical Vehicles	334.6	358.7	330.5	322.0
Components	11.8	13.2	11.9	11.9
General Purpose Items				
Ground Support Equip				
Small Arms/Per Wpns	245.8	245.7	245.8	246.9
Munition/Ordnance				
Grd Generators				
Other				1.3
TOTAL	**1,053.2**	**1,083.1**	**1,009.1**	**1,060.8**

Activity: M67004

Workload and Capabilities, continued

14. Other Workloads (Above Core)

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

Table 14.1.a: FMS Non-Core Workload

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Ground Combat Vehicles				
Self Propelled				
Tanks				
Towed Combat Veh				
Components	2.0	2.0	2.0	2.0
Comm/Elec				
Radar	0.8	0.8	0.8	0.8
Radio Comm				
Wire Comm				
Electronic Warfare				
Navigational Aids				
Electro-Optics/NV				
Satellite/Space Sensors				
Other	0.1	0.1	0.1	0.1
TOTAL	2.9	2.9	2.9	2.9

Activity: M67004

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

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

COMMODITY GROUP	Workload (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Electronics and Communications Systems				
TOTAL				

Activity: M67004

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.c: Other Agency Non-Core Workload

COMMODITY GROUP	Workload (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Activity: M67004

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.d: Last Source of Repair Workload

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Comm/Elec Radar Radio Comm Wire Comm Electronic Warfare Navigational Aids Electro-Optics/NV Satellite/Space Sensors	13.0	13.0	13.0	13.0
Automotive/Construction Equip	9.5	9.5	9.5	9.5
Tactical Vehicles Tactical Vehicles Components	1.1	1.1	1.1	1.1
TOTAL	23.6	23.6	23.6	23.6

Activity: M67004

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.e: Within Service Above Core Workload

COMMODITY GROUP	Workload (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Activity: M67004

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.f: Low Quantity Above Core Workload

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Comm/Elec Radar Radio Comm Wire Comm Electronic Warfare Navigational Aids Electro-Optics/NV Satellite/Space Sensors				0.6
General Purpose Items Ground Support Equip Small Arms/Per Wpns Munition/Ordnance Grd Generators Other				51.1
TOTAL				51.7

Activity: M67004

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.g: All Other Workload (Non-Core)

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Amphibians				
Vehicles	4.4	4.4	20.0	20.0
Components	13.9	13.9	13.9	13.9
Ground Combat Vehicles				
Self Propelled				
Tanks	1.4	7.6	7.6	7.6
Towed Combat Veh				
Components	11.4	12.1	12.1	12.1
Comm/Elec				
Radar	3.2	3.2	3.2	3.2
Radio Comm	15.9	16.0	15.9	16.0
Wire Comm	6.1	6.1	6.1	6.1
Electronic Warfare				
Navigational Aids				
Electro-Optics/NV	0.8	0.8	0.8	0.8
Satellite/Space Sensors				
Automotive/Construction Equip	0.0	15.2	15.4	16.1
Tactical Vehicles				
Tactical Vehicles	25.9	62.1	121.8	121.8
Components	2.2	3.3	3.3	3.3
General Purpose Items				
Ground Support Equip	8.4	8.4	8.4	8.4
Small Arms/Per Wpns	59.4	110.9	118.6	118.5
Munition/Ordnance			0.3	0.3
Grd Generators	4.9	4.9	4.9	4.9
Other	1.7	1.7	2.0	2.0
Software				
Tactical Systems	2.0	2.0	2.0	2.0
Support Equipment				
Special Interest Items				
Bearings Refurbishment				
Calibration (Type I)				
TMDE	58.2	60.5	75.9	101.6
Other	87.1	87.1	87.1	87.1
TOTAL	306.9	420.2	519.3	545.7

Activity: M67004

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.h: Total Above Core Workload
(Sum of Tables 14.1.a through 14.1.g)

JLSC COMMODITY GROUP	Capability (DLHs) (000s)			
	FY 1996	FY 1997	FY 1998	FY 1999
Amphibians				
Vehicles	4.4	4.4	20.0	20.0
Components	13.9	13.9	13.9	13.9
Ground Combat Vehicles				
Self Propelled				
Tanks	1.4	7.6	7.6	7.6
Towed Combat Veh				
Components	13.4	14.1	14.1	14.1
Comm/Elec				
Radar	4.0	4.0	4.0	4.0
Radio Comm	28.9	29.0	28.9	29.6
Wire Comm	6.1	6.1	6.1	6.1
Electronic Warfare				
Navigational Aids				
Electro-Optics/NV	0.8	0.8	0.8	0.8
Satellite/Space Sensors				
Automotive/Construction Equip	9.5	24.7	24.9	25.6
Tactical Vehicles				
Tactical Vehicles	25.9	62.1	121.8	121.8
Components	3.3	4.4	4.4	4.4
General Purpose Items				
Ground Support Equip	8.4	8.4	8.4	59.5
Small Arms/Per Wpns	59.4	110.9	118.6	118.5
Munition/Ordnance			0.3	0.3
Grd Generators	4.9	4.9	4.9	4.9
Other	1.7	1.7	2.0	2.0
Software				
Tactical Systems	2.0	2.0	2.0	2.0
Support Equipment				
Special Interest Items				
Bearings Refurbishment				
Calibration (Type I)				
TMDE	58.2	60.5	75.9	101.6
Other	87.2	87.2	87.2	87.2
TOTAL	333.4	446.7	545.8	623.9

Activity: M67004

Workload and Capabilities, continued

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

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

Table 15.1: **Unique and/or Peculiar Total Core Workload**

JLSC COMMODITY GROUP	Workload (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles		92.9	94.5	92.9	92.9
Components		7.0	7.0	6.9	6.9
Ground Combat Vehicles					
Self Propelled					
Tanks		23.7	23.7	23.7	23.7
Towed Combat Veh					
Components		5.3	5.3	5.3	5.3
Comm/Elec					
Radar		6.3	8.0	6.9	6.3
Radio Comm		93.7	92.0	68.6	99.3
Wire Comm		17.1	16.3	11.1	8.3
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		0.2	0.2	0.2	
Satellite/Space Sensors					
Automotive/Construction Equip		58.1	57.6	54.1	68.1
Tactical Vehicles					
Tactical Vehicles		180.8	193.9	178.7	173.9
Components		5.3	5.7	5.3	5.3
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns		125.4	125.4	125.4	126.0
Munition/Ordnance					
Grd Generators					
Other					0.2
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other					
TOTAL		615.8	629.6	579.1	616.2

Workload and Capabilities, continued

15. Unique and/or Peculiar Workloads, continued

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

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

JLSC COMMODITY GROUP	Workload (DLH) (000)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missiles					
Strategic					
Tactical/MLRS					
Amphibians					
Vehicles		3.4	3.4	16.4	16.4
Components		8.0	7.0	8.0	8.0
Ground Combat Vehicles					
Self Propelled					
Tanks		0.6	5.1	5.1	5.1
Towed Combat Veh					
Components		5.7	6.1	6.1	6.1
Comm/Elec					
Radar		0.8	0.8	0.8	0.8
Radio Comm		26.3	26.4	26.3	27.0
Wire Comm		5.6	5.6	5.6	5.6
Electronic Warfare					
Navigational Aids					
Electro-Optics/NV		0.2	0.2	0.2	0.2
Satellite/Space Sensors					
Automotive/Construction Equip		4.4	10.9	10.9	11.5
Tactical Vehicles					
Tactical Vehicles		14.1	33.5	65.8	65.9
Components		1.3	1.7	1.7	1.7
General Purpose Items					
Ground Support Equip					
Small Arms/Per Wpns		30.3	56.6	60.8	60.5
Munition/Ordnance					
Grd Generators					
Other		0.4	0.4	0.4	0.4
Sea Systems					
Ships					
Weapon System					
Software					
Tactical Systems					
Support Equipment					
Special Interest Items					
Bearings Refurbishment					
Calibration (Type I)					
TMDE					
Other					
TOTAL		101.1	157.7	208.1	209.2

Activity: M67004

Workload and Capabilities, continued

16. Scope of Work Performed

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

Service/Function	Description
Operational management and execution of the Marine Corps' Automatic Test Equipment Program (ATEP)	This service/function provides the operational management and technical expertise required to manage the deployment and life cycle support of Weapon System Test Programs and Automatic Test Equipment on a Marine Corps-wide basis.
Special Projects	The Special Projects function is to provide design, prototyping, testing development, and limited fabrication for new systems or components, or functional modification to existing systems or components

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

Service/Function	Describe Relationship and Benefit to Maintenance Mission
Operational management and execution of the Marine Corps' Automatic Test Equipment Program (ATEP)	This organization acts as an agent for MARCORSYSCOM in providing this service on a reimbursable basis. Accomplishment of this function by the Albany Maintenance Center significantly benefits MARCORSYSCOM by making available the organization's Maintenance Engineering expertise to the ATEP and greatly benefits the Maintenance Center by supporting the development of a highly skilled technical staff skilled in process automation.
Special Projects	The capabilities for design, prototyping, and fabrication, which are required for this function, enhance the capabilities for the maintenance mission by providing supplemental expertise in solving problems relating to equipment undergoing maintenance. This function also provides more efficient utilization of equipment by providing supplemental workload in under-utilized areas.

Activity: M67004

Workload and Capabilities, continued

17. Interface with Customers

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

Service/Function	Describe Required Interface/Relationship/Benefit
Customer Service Program	Our aggressive **Customer Service Program** provides our customers with a direct line of communication to resolve concerns and provide technical advice. We interface with customers through direct contact, on-site visits, surveys, and electronic mail. Our **24-Hour, Toll-Free Customer Service Number, 1-800-952-3352**, ensures that concerns or requests are noted and acted upon in a timely manner, regardless of the time of day. Our Total Quality effort is an approach to management which concentrates on giving top value to our customers by building excellence into every aspect of our organization. Our focus is on the quality of every product, service, and process within our business which ultimately results in complete customer satisfaction.
Operational management and execution of the Marine Corps' Automatic Test Equipment Program (ATEP)	Execution of this function requires a close interface with the "specifying customer," MARCORSYSCOM and with the "end user," the FMF. A close relationship is required with MARCORSYSCOM in order to coordinate project/program acquisition, design, development, and fielding requirements of both ATE Systems and Weapon System maintenance support development projects. The very nature of the interface with FMF customers is on the close coordination in providing technical assistance to resolve ATE-related maintenance problems, providing New Equipment Training (NET), and obtaining feedback on viability of fielded maintenance support systems.

Activity: M67004

MEASURES OF MERIT

Costs [1]

18. Real Property Maintenance (RPM)

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

$915.2K (Includes both Major Maintenance and Building Maintenance.)

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

Table 18.2: **Real Property Maintenance Expenses**

	FY 1990	FY 1991	FY 1992	FY 1993
RPM Expenses ($K)	1,764.0	2,251.0	2,091.0	1,833.0

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

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

Table 19.1: **Annual Operating Costs**

EXPENSE	FY 1990	FY 1991	FY 1992	FY 1993
AOC ($K)	36,531.1	42,636.5	61,991.0	63,422.1
$ / DLH	36.61	37.46	41.50	40.69

NOTE: (1) The Annual Operating Costs (AOC) reported excludes direct material.
(2) Due to the Marine Corps' Multi-Commodity approach to maintenance, the $/DLH cannot be used to compare with other Services. In addition, these costs/hour have NOT been leveled using the DOD Cost Comparability Handbook.

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

Activity: M67004

Costs, continued

20. Environmental Compliance

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

Table 20.1: **Environmental Compliance Costs**

COST($K)	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Actual	927.0	1,237.0	1,183.0	1,516.0				
Programmed					1,456.0	1,482.0	1,543.0	1,554.0

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

There will be no backlog.

21. Local Wage Rate

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

Table 21.1: **Wage Rate**

Wage Rate	FY 1991	FY 1992	FY 1993	FY 1994
WG-11 / Step3	12.82	13.35	13.84	14.42

22. Programmed Capital Investments

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

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

Table 22.1: **Programmed Capital Investments**

TYPE	FY 1996	FY 1997	FY 1998	FY 1999
NEW MISSION ($K)	470	368	418	398
REPLACEMENT ($K)	686	675	682	679

BRAC-95 CERTIFICATION

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

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

Signature

Head, Matl Pol & Read Br
Title

Date 30 Sept 94

LogPlnPol&Strat Mob Division
Division

I&L Department
Department

HQMC
Activity

Enclosure (1)

Data Call 17 Joint Service Supplement Revision MCLB Barstow

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

Title

Date

Activity

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

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

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

NAME (Please type or print

Signature

Title

Date 9/30/94

DATA CALL 17
MCLB ALBANY

BRAC-95 CERTIFICATION

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

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

R. D. K
Signature

DEPUTY DIRECTOR
Title

10/20/94
Date

LP (BSWG CERT)
Division

I&L
Department

HQMC
Activity

Enclosure (1)

DATA CALL 17
MCLB ALBANY

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

Title

Date

Activity

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

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

NAME (Please type of print

Signature

Title

10/20/94

Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)

DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

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

NAME (Please type or print) _____ Signature _____

Title _____ Date 10/6/94

This revision supersedes and replaces in total Albany's pages 7,9,10 and 53 of the Joint Cross Service Group Depot Maintenance data call number 17. (Dated 9/30/94).

137

Data CAll 17
MCLB Albany

BRAC-95 CERTIFICATION

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

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

Signature

LT Col
Title

8 Sept 94
Date

LP
Division

I & L
Department

HQMC
Activity

Enclosure (1)

Data Call 17
MCLB Albany & MCLB Barstow

Table 1.2.2

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)

R. K. RIGGS
Acting Deputy Chief of Staff
for Installations and Logistics

NAME (Please type of print

Signature

SEP 14 1994

Title

Date

Data Call 17
Supplemental Information
MCLB Albany

Tables 12.1a, 12.2a, 12.3a, 13.1a, 14.1a, 14.1b, 14.1f, 14.1g, 14.1h, 15.1

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

Title

Date

Activity

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

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

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

NAME (Please type of print

Signature

Title

Date 9/12/94

Data Call 17
Supplemental Information
MCLB Albany

BRAC-95 CERTIFICATION

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

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

Signature

Lt Col.
Title

12 Sept 94
Date

LP
Division

I&L
Department

USMC
Activity

Enclosure (1)

0 2 7

5 August 1994

DATA CALL WORK SHEET FOR MILITARY VALUE
FOR
MARINE CORPS LOGISTICS BASES
MCLB ALBANY

QUESTIONS FOR THE HEADQUARTERS

Category	**Industrial Activities**
Type	**Marine Corps Logistic Bases (MCLBs)**
Claimant	**CMC**

NOTES:
In the context of this Data Call,

1. Production equates to the number of end items or components processed per Fiscal Year (FY), unless otherwise noted. Use single shift operations (1-8-5) for your calculations. Please identify any processes which, under normal operations, operate on a different schedule. Report in specified units of throughput and Direct Labor Man Hours (DLMHs) and in dollars per thousands ($K).

2. Base your responses for Fiscal Year (FY) 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the MCLB configurations as of completion of implementation of the BRAC-88/91/93 actions.

3. For all workload performed on non-DON assets, include that workload performance in the appropriate commodity group, but specify the asset owner (e.g. Coast Guard).

If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.

This document has been prepared in WordPerfect 5.1/5.2.

Activity: M67004

DATA CALL WORK SHEET MILITARY VALUE ANALYSIS
FOR
MARINE CORPS LOGISTICS BASES

Table of Contents

Table of Acronyms 2

Mission Area 3
1. Depot Workload Summary 3
2. Management and Support Services 11

Strategic Concerns 14
3. Alternative Sources of Support 14
4. Mobilization and Contingency Posture 20

Customers 40
5. Major Customers of the MCLB 40

Table of Acronyms

$	Dollars
%	Percent
#	Number
ACT	American College Test
ADMIN	Administration; administrative
AOB	Average on Board
APPN	Appropriation
ARC	Alcohol Rehabilitation Center
Asst	Assistance
BAQ	Basic Allowance for Quarters
BOQ/BEQ	Bachelor Officer/Enlisted Quarters
CADCAM	Computer Aided Design / Computer Aided Mapping
CCN	Category Code Number
CMC	Commandant of the Marine Corps
COMM	Communications
COMP	Component
Config	Configuration
Demo	
DLC	Defense Logistics Agency
DLMH	Direct Labor Man Hour
DMISA	Depot Maintenance Interservice Supported Units
DoD	Department of Defense
DoDDS	Department of Defense Dependents Schools
DON	Department of the Navy
Draw	Drawing
Engr	Engineering
ESQD	Explosive Safety Quantity Distance
FA	Functional Areas
FMS	Foreign Military Sales
FSC	Family Service Center
FY	Fiscal Year
FYDP	Future Years Defense Plan
HERO	Hazardous Electronic Radiation - Ordnance
HQ	Headquarters
HS	High School
IPE	Industrial Plant Equipment
ITT	Information, Tickets and Tours
KSF	Thousands of Square Feet
LF	Linear Feet
Log	Logistics
Maint	Maintenance
MCLB	Marine Corps Logistics Base
MILCON	Military Construction
MLS	Multiple Listing Service
Mngmt	Management
MODS	Modifications
MPF	Maritime Prepositioning Force
N/A	Non-Applicable
NAVFACINST	Naval Facilities Instruction
NCIS	Naval Criminal Investigative Service
NRFI	Not Ready For Issue
PEI	Principal End Items
Pgm	Program
PN	Number of Personnel accommodated
POM	Program Objective Memorandum
Pubs	Publications
Qtr	Quarter
RFI	Ready For Issue
ROWPU	Reverse Osmosis Water Purification Unit
SAT	Scholastic Aptitude Test
Sup	Supply
TAMCN	Table of Authorized Material Control Number
Tech	Technical
TMDE	Test, Measurement Diagnostic Equipment
UIC	Unit Identification Code
VHA	Variable Housing Allowance
W/O	Without
WS/EM	Weapon Systems / Equipment Management
YR	Year

Activity: M67004

DATA CALL WORK SHEET MILITARY VALUE ANALYSIS FOR MARINE CORPS LOGISTICS BASES

QUESTIONS FOR THE HEADQUARTERS

Primary Activity UIC: M67004 (Use this number as Activity identification at the top of each page)

Mission Area

1. DEPOT WORKLOAD SUMMARY

1.1 Provide the breakout of Marine Corps Logistics Depot Workload by functional category and entity performing the work for the period requested in thousands of dollars ($ K).

Table 1.1.a: Historic / Predicted Depot Workload Summary

Workload Category	FY 1990 ($ K)					
	MCLB Albany	MCLB Barstow	Other DON Facilities	Other DoD Facilities	Commercial	Total
Missiles		10,308.9		304.1		10,613.0
Amphibians	15,429.7	17,692.9				33,122.6
Combat Vehicles	6,876.2	6,772.9				13,649.1
Automotive Equipment						
Ships						
Tactical Vehicles	8,143.4	8,343.2				16,486.6
Construction Equipment	1,652.3	729.7				2,382
Electronic & Comm Eqmt	6,333.6	8,375.1	42.4	2,032.7	5516.4	22,300.2
Ordnance, Weapons & Munitions	1,335.9	1,733.9		432.0	18.0	3,519.8
General Purpose Eqmt	1,063.8	1,563.9		101.0		2,728.7
Other End Items	10,160.2	369.5				10,529.7
Manufacturing	572.2	58.1				630.3
Formal Schools Training						
Prepositioning Forces Program *						
FY 1990 Total:	**51,567.3	**55,948.1	42.4	2,869.3	5,534.4	115,962

*** Depot financial accounting system does not separate cost associated with Prepositioning Forces Program from other customers on items repaired on the Master Work Schedule (MWS).**

MCLB Albany and MCLB Barstow depots have contributed significantly to the Prepositioning Forces Program since the effort began. Requirements for the program were identified on the Marine Corps MWS without special codes to designate them as Prepositioning Program requirements. While at times the program consumed up to 80% of a depot's resources, actual counts of weapon systems used in the Prepositioning Forces Program are not available.

**** Includes work performed by the MCLBs for the Army, Air Force, Navy, FMS, and other Government Agencies.1.**

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Activity: M67004

DEPOT WORKLOAD SUMMARY, continued

Table 1.1.b: Historic / Predicted Depot Workload Summary

Workload Category	FY 1991 ($ K)					
	MCLB Albany	MCLB Barstow	Other DON Facilities	Other DoD Facilities	Commercial	Total
Missiles		10,554.2		2,278.0		12,832.2
Amphibians	15,618.0	11,319.0				26,937
Combat Vehicles	4,940.3	14,830.2				19,770.5
Automotive Equipment						
Ships		920.9				920.9
Tactical Vehicles	11,161.2	9,074.8		2,462.0		22,698.0
Construction Equipment	2,633.8	419.6				3,053.4
Electronic & Comm Eqmt	8,104.8	11,137.7	25.7	3,061.0	4,938.2	27,267.4
Ordnance, Weapons & Munitions	1,533.5	2,577.4		1,012.0	46.0	5,168.9
General Purpose Eqmt	1,370.2	2,319.3		630.0		4,319.5
Other End Items	14,954.6	83.6				15,038.2
Manufacturing	463.3	131.9				595.2
Formal Schools Training						
Prepositioning Forces Program*						
FY 1991 Total:	**60,779.7	**63,368.6	25.7	9,443.0	4,984.2	138,601.2

* Depot financial accounting system does not separate cost associated with Prepositioning Forces Program from other customers on items repaired on MWS.

MCLB Albany and MCLB Barstow depots have contributed significantly to the Prepositioning Forces Program since the effort began. Requirements for the program were identified on the Marine Corps MWS without special codes to designate them as Prepositioning Program requirements. While at times the program consumed up to 80% of a depot's resources, actual counts of weapon systems used in the Prepositioning Forces Program are not available.

** Includes work performed by the MCLBs for the Army, Air Force, Navy, FMS, and other Government Agencies.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

1. DEPOT WORKLOAD SUMMARY, continued

Table 1.1.c: Historic / Predicted Depot Workload Summary

Workload Category	FY 1992 ($ K)					
	MCLB Albany	MCLB Barstow	Other DON Facilities	Other DoD Facilities	Commercial	Total
Missiles		11,545.8		399.0		11,944.8
Amphibians	32,709.6	33,091.6				65,801.2
Combat Vehicles	5,005.4	6,547.2		3157.0		14,709.6
Automotive Equipment						
Ships		430.9				430.9
Tactical Vehicles	19,318.2	26,788.9				46,107.1
Construction Equipment	2,955.6	776.3				3,731.9
Electronic & Comm Eqmt	8,696.8	9,552.6	10.7	3,073.3	5,094.8	26,428.2
Ordnance, Weapons & Munitions	1,903.7	2,353.7	25.0	288.0	5.0	4,575.4
General Purpose Eqmt	1,985.1	2,747.8		7,622.0		12,354.9
Other End Items	11,963.4	324.3				12,287.7
Manufacturing	216.8	6.8				223.6
Formal Schools Training						
Prepositioning Forces Program*						
FY 1992 Total:	**84,754.6	**94,165.9	35.7	14,539.3	5,099.8	198,595.3

* Depot financial accounting system does not separate cost associated with Prepositioning Forces Program from other customers on items repaired on the MWS.

MCLB Albany and MCLB Barstow depots have contributed significantly to the Prepositioning Forces Program since the effort began. Requirements for the program were identified on the Marine Corps MWS without special codes to designate them as Prepositioning Program requirements. While at times the program consumed up to 80% of a depot's resources, actual counts of weapon systems used in the Prepositioning Forces Program are not available.

** Includes work performed by the MCLBs for the Army, Air Force, Navy, and FMS, and other Government Agencies.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Activity: M67004

1. DEPOT WORKLOAD SUMMARY, continued

Table 1.1.d: Historic / Predicted Depot Workload Summary

Workload Category	FY 1993 ($ K)					
	MCLB Albany	MCLB Barstow	Other DON Facilities	Other DoD Facilities	Commercial	Total
Missiles		8,555.0	229.1	1,167.2		9,951.3
Amphibians	25,079.4	38,669.3				63,748.7
Combat Vehicles	3,832.9	7,285.8				11,118.7
Automotive Equipment						
Ships		193.6				193.6
Tactical/Vehicles	28,640.5	26,885.3				55,525.8
Construction Equipment	4,372.1	3,134.7				7,506.8
Electronic & Comm Eqmt	9,855.8	10,297.6	15.2	2,317.4	3,216.2	25,702.2
Ordnance, Weapons & Munitions	2,148.8	4,178.5	144.7	684.3		7,156.3
General Purpose Eqmt	2,473.0	3,292.8		5,042.8	7.4	10,816
Other End Items	9,680.9	469.7				10,150.6
Manufacturing	817.6	29.2				846.8
Formal Schools Training						
Prepositioning Forces Program*						
FY 1993 Total:	**86,901.0	**102,991.5	389.0	9,211.7	3,223.6	202,716.8

* Depot financial accounting system does not separate cost associated with Prepositioning Forces Program from other customers on items repaired on MWS.

MCLB Albany and MCLB Barstow depots have contributed significantly to the Prepositioning Forces Program since the effort began. Requirements for the program were identified on the Marine Corps MWS without special codes to designate them as Prepositioning Program requirements. While at times the program consumed up to 80% of a depot's resources, actual counts of weapon systems used in the Prepositioning Forces Program are not available.

** Includes work performed by the MCLBs for the Army, Air Force, Navy, FMS, and other Government Agencies.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

1. DEPOT WORKLOAD SUMMARY, continued

Table 1.1.e: Historic / Predicted Depot Workload Summary

Workload Category	FY 1994 ($ K)					
	MCLB Albany	MCLB Barstow	Other DON Facilities	Other DoD Facilities	Commercial	Total
Missiles		11,571.0		6.4		11,577.4
Amphibians	25,719.5	32,506.0				58,225.5
Combat Vehicles	6,799.3	8,558.0		7,669.8		23,027.1
Automotive Equipment						
Ships		273.0				273.0
Tactical Vehicles	23,354.3	19,641				42,995.3
Construction Equipment	3,824.9	2,146				5,970.9
Electronic & Comm Eqmt	10,278.8	11,244.0	6.8	1,060.0	1,338.8	23,928.4
Ordnance, Weapons & Munitions	2,212.4	3,466.0	192.8		49.3	5,920.5
General Purpose Eqmt	2,245.5	2,871.0		16.9		5,133.4
Other End Items	12,597.2	558.0				13,155.2
Manufacturing	882.4	49.0				931.4
Formal Schools Training	0	0	0	0	0	0
Prepositioning Forces Program*						
FY 1994 Total:	**87,914.3	**92,883.0	199.6	8,753.1	1,388.1	191,138.1

* Depot financial accounting system does not separate cost associated with Prepositioning Forces Program from other customers on items repaired on the MWS.

MCLB Albany and MCLB Barstow depots have contributed significantly to the Prepositioning Forces Program since the effort began. Requirements for the program were identified on the Marine Corps MWS without special codes to designate them as Prepositioning Program requirements. While at times the program consumed up to 80% of a depot's resources, actual counts of weapon systems used in the Prepositioning Forces Program are not available.

** Includes work performed by the MCLBs for the Army, Air Force, Navy, FMS, and other Government Agencies.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

1. DEPOT WORKLOAD SUMMARY, continued

Table 1.1.f: Historic / Predicted Depot Workload Summary

Workload Category	FY 1995 ($ K)					
	MCLB Albany	MCLB Barstow	Other DON Facilities	Other DoD Facilities	Commercial	Total
Missiles		10,251.0		1,696.2		11,947.2
Amphibians	24,073.2	28,513.0				52,586.2
Combat Vehicles	6,364.1	7,576.0		17,695.4		31,635.5
Automotive Equipment						
Ships		222.0				222.0
Tactical Vehicles	21,859.4	17,625.0		19,843.3		59,327.7
Construction Equipment	3,580.1	1,896.0				5,476.1
Electronic & Comm Eqmt	9,620.8	10,053.0	18.2	1,283.2	3,316.7	24,291.9
Ordnance, Weapons & Munitions	*10,660.3	3,017.0	808.0	803.5	20.1	15,308.9
General Purpose Eqmt	2,101.8	2,542.0				4,643.8
Other End Items	11,790.9	473.0				12,263.9
Manufacturing	825.9	45.0				870.9
Formal Schools Training						
Prepositioning Forces Program **						
FY 1995 Total:	***90,876.5	***82,213	826.2	41,321.6	3,336.8	218,574.1

* $8.6M are included for projected support of Army assets identified after preparation of POM.

** Depot financial accounting system does not separate cost associated with Prepositioning Forces Program from other customers on items repaired on the MWS.

MCLB Albany and MCLB Barstow depots have contributed significantly to the Prepositioning Forces Program since the effort began. Requirements for the program were identified on the Marine Corps MWS without special codes to designate them as Prepositioning Program requirements. While at times the program consumed up to 80% of a depot's resources, actual counts of weapon systems used in the Prepositioning Forces Program are not available.

*** Includes work performed by the MCLBs for the Army, Air Force, Navy, FMS, and other Government Agencies. (Ships category is work performed for Navy and Coast Guard.)
FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Activity: M67004

1. DEPOT WORKLOAD SUMMARY, continued

Table 1.1.g: Historic / Predicted Depot Workload Summary

Workload Category	FY 1996 ($ K)					
	MCLB Albany	MCLB Barstow	Other DON Facilities	Other DoD Facilities	Commercial	Total
Missiles		2,654.1	104.1	13,044.5		15,802.7
Amphibians	26,041.3	28,554.8				54,596.1
Combat Vehicles	3,130.0	5,569.6		4,605.1		13,304.7
Automotive Equipment						
Ships		1,308.4				1,308.4
Tactical Vehicles	35,298.8	28,808.1				64,106.9
Construction Equipment	843.1	4,901.3				5,744.4
Electronic & Comm Eqmt	13,438.1	4,338.7		2,531.2	1,688.1	21,996.1
Ordnance, Weapons & Munitions	*8,845.0	3,047.4	1,339.8	627.2	36.7	13,896.1
General Purpose Eqmt	637.7	1,025.3		196.1		1,859.1
Other End Items	8,755.3	237.1				8,992.4
Manufacturing	694.9	76.4				771.3
Formal Schools Training						
Prepositioning Forces Program **						
FY 1996 Total:	***97,684.2	***80,521.2	1,443.9	21,004.1	1,724.8	202,378.2

* $4.7M are included for projected support of Army assets identified after preparation of POM.

** Depot financial accounting system does not separate cost associated with Prepositioning Forces Program from other customers on items repaired on the MWS.

MCLB Albany and MCLB Barstow depots have contributed significantly to the Prepositioning Forces Program since the effort began. Requirements for the program were identified on the Marine Corps MWS without special codes to designate them as Prepositioning Program requirements. While at times the program consumed up to 80% of a depot's resources, actual counts of weapon systems used in the Prepositioning Forces Program are not available.

*** Includes work performed by the MCLBs for the Army, Air Force, Navy, FMS, and other Government Agencies. (Ships category is work performed for Navy and Coast Guard.)
FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

1. DEPOT WORKLOAD SUMMARY, continued

Table 1.1.h: Historic / Predicted Depot Workload Summary

Workload Category	FY 1997 ($ K)					
	MCLB Albany	MCLB Barstow	Other DON Facilities	Other DoD Facilities	Commercial	Total
Missiles		2,442.1	104.1	9,402.9		11,949.1
Amphibians	26,075.5	28,554.8				54,630.3
Combat Vehicles	3,130	6,171.4		4,606.0		13,907.4
Automotive Equipment						
Ships		1,229.7				1,229.7
Tactical Vehicles	38,109.6	31,096.8				69,206.4
Construction Equipment	3,861.1	8,382.1				12,243.2
Electronic & Comm Eqmt	13,048.7	4,360.4		2,699.5	1,574.2	21,683.2
Ordnance, Weapons & Munitions	*13,023.0	3,055.0	1,339.8	627.2	36.7	18,081.7
General Purpose Eqmt	637.7	1,025.3				1,663.0
Other End Items	8,755.3	237.1				8,992.4
Manufacturing	694.9	76.4				771.3
Formal Schools Training						
Prepositioning Forces Program **						
FY 1997 Total:	***107,335.8	***86,631.1	1,443.9	17,336.0	1,610.9	214,357.7

* $8.9M are included for projected support of Army assets identified after preparation of POM.

** Depot financial accounting system does not separate cost associated with Prepositioning Forces Program from other customers on items repaired on the MWS.

MCLB Albany and MCLB Barstow depots have contributed significantly to the Prepositioning Forces Program since the effort began. Requirements for the program were identified on the Marine Corps MWS without special codes to designate them as Prepositioning Program requirements. While at times the program consumed up to 80% of a depot's resources, actual counts of weapon systems used in the Prepositioning Forces Program are not available.

*** Includes work performed by the MCLBs for the Army, Air Force, Navy, FMS, and other Government Agencies. (Ships category is work performed for Navy and Coast Guard.)
FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Activity: M67004

2. MANAGEMENT AND SUPPORT SERVICES

2.1 Identify, by the categories requested, the sources which provide the specified management/support function to meet the total Marine Corps requirement for that management support. Report to the nearest tenth of one percent (0.1%); total should equal 100% of $K.

Table 2.1: **Management and Support Services**

Service	Source ($K)				
	MCLB Albany	MCLB Barstow	Other DON	Non-DON DoD	Commercial
Storage Support	28,105.3	17,799.3		11,999	
WS/EM*	17,835			450	
Readiness Mngmt					
Maint Mngmt					
Acquisition Mngmt					
Material Mngmt					
Config Mngmt					
Cataloging					
Data Repository					
Technical Pubs					
Engr Drawing					
Tech Assistance					
Reprocurement					
Clothing/Design					
Printing					
Teardown/Log Demo					
Contracting	1,984.1				
Information Resources	7,780				
Other Logistics Support	5,319				

NOTE: Excludes military labor cost.

Excludes installation support for the following:

	($ K)
Storage Support	2.4
Contracting	207.9
Information Resources	337.0

Activity: M67004

Storage Support	2.4
Contracting	207.9
Information Resources	337.0

2. MANAGEMENT AND SUPPORT SERVICES, continued

Storage Support includes support for the following:

	($ K)
Maritime Prepositioning Ships	29,409
Norway	13

Storage Support, Non-DON DoD: Represents support provided by Defense Depot Albany, GA and Barstow, CA.

* WS/EM figures represent an aggregate of dollars including Labor, TAD, Materiel & Supplies, and Printing.

WS/EM, Non-DON DoD: Represents an aggregate of dollars provided to other DoD Agencies for life cycle management support (i.e., Small Arms Serialization, Interservice Supply Support Agreement with Army.)

WS/EM excludes the following dollars (K's) required to perform life cycle management.

Replenishment	65,516
Depot Maintenance	193,086
Tech Assist	326
Initial Issue Provisioning	38,023

Information Resources: Includes support to 6th Marine Corps District, Atlanta, GA; 4th Marine Division, New Orleans,LA; Defense Logistics Agency, Albany, GA; Defense Financial Accounting Services, Kansas City, MO and Albany, GA; Fleet Marine Force; Blount Island Command, Jacksonville, FL.

STRATEGIC CONCERNS

3. ALTERNATE SOURCES OF SUPPORT

3.1 Storage Support. Identify the other DON activities which provide Storage Support.

NONE.

3.2 Weapons Systems Management. Identify the other DON activities which provide Weapons Systems Management.

NONE. Functions of Weapon System Management for the Marine Corps are performed at MCLB Albany only and involve the organization and application of resources to monitor and influence the acquisition process and the full range of Integrated Logistics Support throughout all, or designated phases, of the life cycle of assigned weapon systems and equipment. This is accomplished by the Weapon System Managers (WSM) who are designated MCLB Albany Staff Officers and participate with the Program Managers in monitoring and influencing the logistics support of a weapon system during the acquisition cycle. The WSM team's composition provides an enhanced knowledge base by the mix of military personnel who possess hands-on field experience with the Weapon Systems. The military team members have been/will again be our customer. When they return to the Fleet Marine Force, their gained knowledge, as part of the WSM Team, will enable them to respond better to the logistics support requirements of their unit. The WSM's, located only at MCLB Albany, have total life cycle management authority for Integrated Logistics Support of a weapon system after delegation/transfer from MARCORSYSCOM.

Weapon System Management requires coordination of the following functions:

Readiness Management	Technical Publications Management & Support
Maintenance Management	Engineering Drawings Support
Materiel Management	Technical Assistance
Configuration Status Accounting	Reprocurement Support
Cataloging	Clothing Specification & Design Management
Data Repository Management	Printing Management
Acquisition Management	Physical Teardown & Logistics Demonstration

3. ALTERNATE SOURCES OF SUPPORT, continued

3.3 Readiness Management. Identify the other DON activities which provide Readiness Management.

NONE. The functions of Readiness Management involve maintaining optimum mission capability of Fleet Marine Forces Ground Weapon Systems/Equipment. The primary responsibility of the Weapon System Management Team in support of Readiness Management is to conduct trend analysis and devise preventative or corrective measures to ensure optimum force readiness. Remedial actions may include measures to ensure that Table of Equipment deficiencies are satisfied through redistribution, repair or procurement; that spares are available to support fielded equipment; that technical publications are fielded with all supporting equipment and documentation; that valid and accurate readiness reporting is accomplished; and that appropriate fund categories are budgeted. Ultimately, readiness management directly affects the Marine Corps' capability to perform its assigned wartime mission.

3.4 Maintenance Management. Identify the other DON activities which provide Maintenance Management.

NONE. The functions of Maintenance Management are to ensure the return of unserviceable Weapon System Equipment to a serviceable condition in the most expeditious manner and at the most economical rate. This includes the Weapon System/Management Team providing cost effective and timely depot level maintenance support to the operating forces. This MCLB determines requirements and develops/manages the Six Year Depot Level Maintenance Program (DLMP). The DLMP includes budgeting and formulation of HQMC Program Objective Memorandum (POM) and formulation/ execution of Maintenance Program funds. This level of support is provided through USMC organic depots, other service depots utilizing Depot Maintenance Interservice Support Agreements and commercial contractors. Additionally, this MCLB's Maintenance Data Analysis Center develops, monitors, and analyzes Reliability Centered Maintenance Data in support of the Maintenance Management Program. Maintenance Data from FMF actions is captured by the Maintenance Data Analysis Center using the Marine Integrated Maintenance Management System (MIMMS) which is made available for analysis by the WS/EM Team to determine focal points of reliability, availability, maintainability, or dependability actions.

3.5 Acquisition Management. Identify the other DON activities which provide Acquisition Management.

NONE. The functions of Acquisition Management include performing all facets of acquisition logistics management and program support by planning, developing, attaining, and controlling Weapon System/Equipment related components, support documentation, and test equipment required to ensure adequate, timely, and cost effective logistics support throughout the life cycle. We ensure the needed support base is identified, planned, programmed, developed, funded, procured, and concurrently issued with the Weapon System/Equipment.

3. ALTERNATE SOURCES OF SUPPORT, continued

3.6 Material Management. Identify the other DON activities which provide Material Management.

NONE. The functions of Materiel Management at MCLB Albany are to control, execute, oversee, budget, procure, acquire, manage, support, maintain, repair, issue, phase out, and dispose of all assigned Weapon System/Equipment and supporting materiels.

3.7 Configuration Management. Identify the other DON activities which provide Configuration Management.

NONE. The function of Configuration Status Accounting is the gathering, recording, and reporting of information needed to manage the configuration of Marine Corps managed items effectively. The function of Configuration Status Accounting for the Marine Corps is only performed at MCLB Albany. We establish requirements for and develop all Statements of Work and provide these requirements to the Program Manager; we serve as the Secretariat of the Configuration Control Field Board in the evaluation of Configuration Change Data for technical, economical, and logistical considerations; we maintain and update engineering data; we perform Physical Configuration Audits on as-built versions of a configuration item against its design documentation; and we load and maintain configuration data in configuration automated systems.

3.8 Cataloging. Identify the other DON activities which provide Cataloging Management.

NONE. MCLB Albany has the only Federal Cataloging Activity in the Marine Corps. The function of Cataloging is the method of naming, numbering, and assigning management/logistics data to an item of supply and maintaining it during its life cycle. The resulting comprehensive logistics information is needed to identify, requisition, ship, store, dispose of, or make logistics decisions related to an item of supply, equipment, or end item during its operational life cycle. Cataloging can be broken down into two major areas: initial cataloging and data maintenance cataloging.

Initial cataloging involves the cataloging of items of supply for which requirements have been identified through the provisioning process. Item descriptions and technical/logistics management data are recorded for Marine Corps managed items. Action is taken to ensure that the Marine Corps is recorded as a registered user for items of supply.

Data maintenance cataloging begins after the weapon system has been fielded or the requirement exists for single items of supply not being provisioned to be entered into the DoD supply system. This cataloging encompasses maintaining/establishing the data resident in the Defense Logistics Information System to ensure the data is accurate and updated as required.

3. ALTERNATE SOURCES OF SUPPORT, continued

3.9 Data Repository Management. Identify the other DON activities which provide Data Repository Management.

NONE. The function of Data Repository Management at MCLB Albany includes maintaining storage, reproduction, and distribution of engineering drawings. This includes the operation of the Joint Engineering Data Management Information Control System (JEDMICS).

3.10 Technical Publications Management. Identify the other DON activities which provide Technical Publications Management.

NONE. The function of Technical Publications Management which includes developing, compiling, formatting, and producing Marine Corps equipment support technical publications is performed at MCLB Albany. These Technical Publications consist of SL-3's (Components List), SL-4's (Repair Parts List), Lubrication Instructions, Modification Instructions, Supply Instructions, Technical Instructions, changes and supplements to commercial, joint, and other services technical publications that have been adopted for Marine Corps use. We are also responsible for developing, compiling and producing pen/ink changes and page replacements to update and maintain accurate data in the above publications, including Technical Manuals, and to produce revisions when the change level has exceeded 25 percent. This MCLB is also the sole source for the maintenance and production of the SL-1-2 (Listing of Marine Corps authorized equipment support publications) and manages and controls the NAVMC 10772 (Field Recommended Changes To Publications/Logistics-Maintenance Data Coding) for the Marine Corps.

3.11 Engineering Drawings Support. Identify the other DON activities which provide Engineering Drawings Support.

NONE. The function of Engineering Drawing Support which includes the acquisition and authentication of technical data suitable for support of Marine Corps managed equipment and systems is performed at MCLB Albany. MCLB Albany is the Logistics Element Manager for the Marine Corps on engineering drawings. These drawings are reviewed during preparation for content, adequacy, and accuracy. The completed package is reviewed for acceptance or rejection.

3. ALTERNATE SOURCES OF SUPPORT, continued

3.12 Technical Assistance. Identify the other DON activities which provide Technical Assistance.

NONE. The function of Technical Assistance which includes providing technical research, information, and guidance to support and maintain equipment after fielding and ending with the removal of the equipment from the Marine Corps Supply System, is performed at MCLB Albany. Technical assistance includes providing responses to engineering/technical support requests, conducting item reduction studies, processing non-system referrals, researching and resolving publication and product quality deficiencies, and processing procurement referrals.

3.13 Reprocurement Support. Identify the other DON activities which provide Reprocurement Support.

NONE. The function of Reprocurement Support performed at MCLB Albany is to provide technical assistance to customers in the acquisition of weapon systems and associated equipment from commercial sources. This includes verifying the Engineering Data Packages, attending annual buy meetings, reviewing procurement history of required items, resolving technical problems arising after award of contracts, and participating in pre-award surveys as the technical representatives.

3.14 Clothing Specifications and Design Management. Identify the other DON activities which provide Clothing Specifications and Design Management.

NONE. MCLB Albany has the only Clothing Design Activity in the Marine Corps. The function of Clothing Specifications and Design Management is to provide support for the officer and enlisted service, dress, and specialty uniforms under the auspices of the Marine Corps Uniform Board and Installation and Logistics at Headquarters Marine Corps. We design and manufacture prototype and experimental uniforms and uniform items. We develop, prepare, and validate specifications and related technical drawings associated with Marine Corps uniforms, uniform items, headwear, footwear, heraldic, leather, and textile items.

3.15 Printing Management. Identify the other DON activities which provide Printing Management.

NONE. The function of Printing Management is to effect maximum efficiency and economy in the planning, preparation, production and procurement of printed and reprographic materials required in accomplishing the mission of MCLB Albany. This includes the printing of all Marine Corps technical publications distributed to the FMF.

3. ALTERNATE SOURCES OF SUPPORT, continued

3.16 Physical Teardown and Logistics Demonstration. Identify the other DON activities which provide Physical Teardown and Logistics Demonstration Support.

NONE. The function of Physical Teardown and Logistics Demonstration (PTLD) of weapon systems is performed to verify and validate technical manuals, repair parts list, rebuild standards, engineering drawings, tool requirements and physical conformance of hardware to technical data packages. This PTLD is performed at MCLB Albany.

3.17 Contracting Support. Identify the other DON activities which provide Contracting Support.

NONE.

3.18 Information Resources. Identify the other DON activities which provide Information Resourcing Support.

Marine Corps Computer and Telecommunications Activity, Quantico, VA, provides telecommunications software support, Executive Operating Systems software support, Master Node support, maintenance of hardware and software mainframe equipment and Marine Corps Financial Systems Support.

STRATEGIC CONCERNS

4. MOBILIZATION AND CONTINGENCY POSTURE

4.1 Explain how the MCLBs are postured (operations, facilities, capabilities) to maintain peacetime requirements and to meet mobilization contingencies.

MCLB's Albany, GA, and Barstow, CA, are postured to provide optimum logistics support during peacetime and mobilization to Marine Forces. Both Bases are strategically located to provide rapid and systematic logistics support to Marine Forces on the east and west coasts and overseas and have collocated Marine Corps Multi-Commodity Maintenance Centers (MC3) and storage depots to meet these needs. MCLB Albany primarily supports all Marine Bases, Posts, and Stations on the east coast of the United States such as II Marine Expeditionary Force (MEF) located at Camp Lejeune, NC; Marine Corps Air Station (MCAS), Cherry Point, NC; MCAS New River, NC; MCAS, Beaufort, SC; the Blount Island Command; Marine Corps Base, Quantico, VA, and Marine Corps Recruit Depot (MCRD), Parris Island, SC. MCLB Barstow primarily supports all Marine Bases, Posts and Stations on the west coast of the United States and the Pacific Rim such as I MEF and III MEF which are located at Camp Pendleton, CA; MCAGCC, Twentynine Palms, CA; MCAS El Toro, CA; MCAS, Yuma, AZ; Hawaii; Okinawa, Japan and MCRD San Diego, CA. MCLB's Albany and Barstow are similar in that each installation supports a MC3.

The MC3 at each installation is capable of supporting most Marine Corps ground equipment. Personnel are cross-trained to apply common skills on a variety of equipment in different commodities. For example, a Heavy Mobile Equipment Mechanic can expect to test and repair battle tanks, assault amphibious vehicles, self-propelled artillery, numerous types of trucks, and engineer equipment. This affords the MC3's the flexibility to rapidly realign their work forces to meet the changing requirements of the FMF. Even with the flexibility of personnel among commodities, an imbalance in labor hours exists between the economical execution of peacetime workloads and those encountered by mobilization contingencies. This imbalance will be corrected by surging to a 60 hour work week and aggressively recruiting new personnel.

The MC3's are currently postured in operations, facilities, and capabilities to efficiently and effectively execute changing, often unpredictable, peacetime workload. Production centers are designed for fast set up, quick turn-around, and optimum throughput activities. Plans are in place to resolve any imbalances encountered during mobilization.

The Marine Corps determines mobilization workload requirements by using the following wartime scenario.

Upon mobilization, designated FMF units will deploy to the theater(s) of operation and fall in on equipment carried by Maritime Prepositioned Ships and/or other prepositioned equipment. All Remain-Behind-Equipment (RBE) will be inspected and, if needed, repaired on site so the Force Commander can use the assets to fill Table of Equipment (T/E) and Prepositioned War

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

Reserve (PWR) deficiencies. During Operation Desert Shield/Desert Storm, MCLB's Albany and Barstow provided liaison teams to help the Force Commander maintain the RBE. If equipment is excess to the deploying Marine task force, it will be returned to MCLB Albany or MCLB Barstow for redistribution or to the MC3 for repair. The remaining FMF units will deploy with their organic equipment and supplies.

This scenario results in a mobilization/wartime Marine Corps organic workload incorporating requirements for on-site assistance to deploying units, assisting in preparing PWR items for issue, executing the current Master Work Schedule, repairing excess equipment from RBE stocks, retrograding equipment, and providing incoming Depot Maintenance Interservice Support Agreements and Foreign Military allies support.

After mobilization/wartime workloads have been determined, the baselines for operations, facilities, and capabilities are calculated. Imbalances are determined by comparing these baselines to existing peacetime postures. Posturing objectives are then established to correct relevant imbalances. In addition, posturing objectives are formulated to modernize equipment and facilities and accommodate new technologies and equipment entering the Marine Corps inventory.

MC3's ability to plan for mobilization will be greatly enhanced by the Automated Production Control System currently being installed. This automated system and associated software will allow what-if scenarios to be calculated for mobilization contingencies and feasibilities of confirmed or modified plans.

MC3's constantly investigate new technologies to become more effective and efficient in reducing cycle time and throughput cost. Technologies and facilities in the depots are postured to meet near term mobilization requirements. Planned capital equipment purchases will enhance the MC3's capability to support the leading edge of technological equipment.

Defense Management Review Decision (DMRD) 902 shifted receiving, issuing and distribution functions as well as storage of Marine Corps owned expendable and secondary items to the Defense Logistics Agency (DLA). In keeping with the total weapons system management philosophy, MCLB's Albany and Barstow continue to support Marine Corps Operating Forces by performing the storage and maintenance functions through the care-in-store of its principal end items. Additionally, the Fleet Support Divisions(FSD's)/MC3's work together to execute the Master Work Schedule and to ensure the weapon systems being prepared for shipment are in the proper configuration, have all necessary collateral material (CM) and supply system responsibility items (SSRI's) and are preserved in a manner that meets the customers expectations. The FSD's maintain an active care-in-store program which ensures (1) Equipment awaiting induction to maintenance does not deteriorate; (2) urgent and routine modifications are applied to equipment as necessary; (3) Ready-for issue (RFI) equipment is maintained in an RFI posture and; (4) CM/SSRI's are procured, assembled and packed to support projected issues.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

The FSD's coordinate the weapon systems managers requirements with the MC3's and DLA depots to ensure the operating forces receive the right product at the right time. The FSD's also provide highly skilled Marines to support a Reserve Technical Assistance Program. Teams of 4-5 Marines with a mix of MOS's travel approximately 9 months throughout a year to Marine Reserve Units to perform maintenance, teach and ensure equipment readiness is maintained. The FSD at MCLB Barstow visits 67 Reserve Units and MCLB Albany visits 144 Reserve Units on a biannual basis. Like the MC3's, FSD employees are multi-functional. Employees can work as stock pickers, assemblers/disassembers, preservation specialists, equipment operators, etc. Although this flexibility exists, an imbalance exists between peacetime requests. This imbalance will be corrected by surging the work week and aggressively recruiting new personnel. During mobilization, the distribution surges to 24 hour days.

Both MCLB's are geographically located to provide optimum support to Marine Forces. MCLB Albany is located centrally in the heart of the rail distribution system in the southeastern United States. It is served by an extensive system of improved road routes with easy access to Interstate Highway systems. Major cities which are potential ports of aerial or seaport embarkation located within less than a day's motor march are Jacksonville, FL; Tampa, FL; Charleston, SC; Wilmington, NC; Mobile, AL; and New Orleans, LA. The primary customers are also located within a one day motor march. The area's climate allows for work to be performed outdoors on a year-round basis. MCLB Barstow is located on a major road and rail network with all potential ports of aerial and seaport embarkation in California within a one day motor march. The primary customers on the west coast are all within a one day motor march. The area's climate allows for work to be performed outdoors through the year.

Facilities at both installations include extensive storage areas. MCLB Albany has 3.8 million square feet of covered storage space and 4.8 million square feet of improved and 869,000 square feet of unimproved outdoor storage space. The base's warehouses are fully facilitized to handle both the loading and unloading of both trucks and rail cars simultaneously and is complete with a rail car marshalling yard. MCLB Barstow has 2.9 million square feet of covered storage space and 1.7 million square feet of improved and 4.9 million square feet of unimproved outdoor storage space of outside storage space. The base's warehouses are also fully facilitized to handle both the loading and unloading of trucks and rail cars and is complete with a rail car marshalling yard. Both bases storage installations include dehumidified storage, chill storage, heated storage, radiological and hazardous material storage as well as special purpose storage for weapons, cryptographic and classified items.

In conjunction with common characteristics, each installation provides unique services to its supported customers.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- MCLB Albany provides total Integrated Logistics Support to Marine Operating Forces through the Maintenance Directorate, Storage and Distribution Directorate, Information Resources, Contracts Directorate, Integrated Logistics Support Directorate, Logistics Center Operations Office and the Prepositioning Programs Support Directorate.

- MCLB Albany is responsible for Weapon System/Equipment Management (WS/EM) and serves as the focal point for materiel management matters. It performs centralized inventory management functions for materiel held within the stores distribution system; controls the issue and distribution of principal end items, reparables, and consumable items; and directs management and operation of the Depot Level Maintenance Program (DLMP), Replacement and Evacuation (R&E), Operational Readiness Float (ORF), Nonconsumable Item Program (NIP), and Stock Rotation Programs.

- MCLB Albany develops and maintains all wholesale and retail logistics systems used by the Marine Corps in peacetime and during contingencies. During peacetime, systems operate at regional automated service centers and on user's personal computers. During contingencies, systems deployed with the operating forces run on deployed automated service centers and on deployed personal computers. Wholesale systems operate primarily on mainframe computers. Many of the retail systems are being redesigned to run on personal computers operating on a local area network (LAN). The deployed systems provide the operating forces with automated tools for planning and executing deployments and enable the Marine Commander to exchange data with other services involved in the operation. On-site training and support are provided for many of the systems during contingencies.

Teams provided support during Operation Desert Storm and Operation Restore Hope in Somalia. Peacetime requirements for mainframe data processing support and LAN support are being met with current resources. In a mobilization contingency, mainframe processing requirements would increase. Capacity is adequate to support this requirement.

- MCLB Barstow provides multi-purpose maintenance support to the Army National Training Center (Army NTC), Ft Irwin, CA, in support of Opposing Forces Combat Vehicles (Russian Equipment).

- MCLB Barstow maintains the largest rail-yard in DoD to provide transportation support for the movement of forces and equipment into and out of the NTC at Ft Irwin, CA.

- It provides interservice maintenance support for the Coast Guard PAXMAN engine. Currently, MCLB Barstow is the only government agency in the United States providing complete rebuild and dynamometer testing for these engines.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

The capability of both installations to provide the necessary mobilization support was demonstrated time and time again during Operations Desert Shield/Desert Storm in the Middle East, Operation Restore Hope in Somalia and Operation Provide Comfort in northern Iraq. Both installations provided around the clock logistics support to those Marine Forces operating in a theater of operations. During Operation Desert Shield/Desert Storm the Maritime Prepositioning Ships were the first to land in Saudia Arabia. MCLB's Albany and Barstow executed the War Reserve Withdrawal process against the applicable withdrawal plan and the materiel was transported to the appropriate Airport/Seaport of Embarkation for shipment. The MCLB's sent military and civilian personnel to provide critical occupational specialties needed in the theater of operation. Other services provided by the MCLB's during this critical time included in-theater automated data processing support, emergency procurement for materials needed in-theater, such as critical spare parts for refrigerated containers and health comfort packs. After the initial surge requirements were satisfied, the sustainment phase was initiated and the effort continued until the cessation of hostilities.

4.2 Examine the impact if one MCLB was unable to fulfill its production, training, and/or Preposition Forces Program requirements. To what degree can functions be augmented at the sister MCLB and the remainder of DON? Identify which functions may be effected at each MCLB.

a. The impact to the Marine Corps if MCLB Albany was unable to fulfill its production, training and Prepositioning Forces program requirements would be the following:

(1) MCLB Albany serves as the Logistics Center for the Marine Corps. Should MCLB Albany be unable to execute this mission, all coordinated, integrated, logistics elements required for focused weapons system management and prepositioning program management would have to move as a total unit to another command. Without the collocation of all logistics support elements, the Marine Corps' ability to rapidly mobilize and maintain a high state of readiness would be severely reduced.

(2) MCLB Barstow would have a limited ability to support total Marine Corps depot maintenance requirements.

(3) The turn-around time for equipment and supplies on both the west coast/pacific and the east coast would be greatly increased. The readiness of the FMF would therefore be reduced.

(4) The transportation costs would increase in order to support the east coast from MCLB Barstow.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

(5) The Maritime Prepositioning Ships program would not be able to be regenerated in the prescribed time frame.

(6) MCLB Barstow would not be able to completely support the Marine Corps in times of contingencies.

(7) The Joint Logistics Wargame held at the Naval War College during February 1994, documented that there is a requirement for two MCLB's through 2009 to support the Marine Corps.

(8) There are no other currently known facilities in the DON that could absorb the production and fulfill the capabilities of MCLB Albany. For example, there is no single DON facility that could absorb all of the assets currently positioned at MCLB Albany. Dispersing these assets to a wide range of locations would substantially decrease the Marine Corps logistics systems flexibility and responsiveness to the FMF.

b. The impact to the Marine Corps if MCLB Barstow was unable to fulfill its production would be the following:

(1) MCLB Albany would have a limited ability to support total Marine Corps depot maintenance requirements.

(2) The turn-around time for equipment and supplies on both the west coast/pacific and the east coast would be greatly increased. The readiness of the Fleet Marine Force would therefore be reduced.

(3) The transportation costs would increase in order to support the west coast/ pacific from MCLB Albany.

(4) The Maritime Prepositioning Ships program would not be able to be regenerated in the prescribed time frame.

(5) MCLB Albany would not be able to completely support the Marine Corps in times of contingencies.

(6) The Joint Logistics Wargame held at the Naval War College during February 1994, documented that there is a requirement for two MCLB's through 2009 to support the Marine Corps.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

(7) There are no other currently known facilities in the DON that could absorb the production and fulfill the capabilities of MCLB Barstow. For example, there is no single DON facility that could absorb all of the assets currently positioned at MCLB Barstow. Dispersing these assets to a wide range of locations would substantially decrease the Marine Corps logistics systems flexibility and responsiveness to the FMF.

4.3 Examine the impact if both MCLBs were unable to fulfill their production, training, and/or Prepositioning Forces Program requirements. To what degree can functions be augmented by the remainder of DON? Identify which functions may be effected at each MCLB.

Closure of both MCLB Albany, GA, and Barstow, CA, would result in the loss of a coordinated, focused approach to weapon systems and prepositioning management. The elimination of this bicoastal, centrally located arrangement would translate into longer response times to the primary customer's needs. Immediate impact would manifest itself as decreased efficiency, higher costs, and diminished customer support.

Without the collocation of the support elements, the Marine Corp's ability to rapidly mobilize and maintain a high state of readiness would be reduced. Complex interservice agreements would be required to replace the displaced activities. Long term customer service would suffer, particularly in a contingency scenario, because multiple Services would be competing for the same, limited resources. The unique and intangible producer/customer bond which currently exists would be less likely to evolve under circumstances where the logistical support was not singularly oriented. Integration with other Marine Corps specific programs would become more complicated under a decentralized system because the necessary data, equipment, and/or expertise is potentially dispersed among multiple sites.

Other DoN facilities are not presently capable or structured to accept the weapons system management or prepositioning mission now executed by the two MCLB's. While certain similar logistics tasks may be available in other Naval commands, no single DoN structure exists which handles the task of integrating logistics as accomplished under the two MCLB's arrangement.

Closure of MCLB Albany would impact the following functions:

- Serve as the Headquarters for Marine Corps Logistics Bases that exercises administrative and operational control over MCLB Albany and the Blount Island Command and exercises operational control over MCLB Barstow.

- Provide maintenance and maintenance-related products and services which meet our customers needs in cost, quality, and schedule.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Manage and direct world-wide Integrated Logistics Support of weapon systems throughout the Marine Corps.

- Manage and direct world-wide logistics functions in support of the Marine Corps' two prepositioning programs -- Maritime Prepositioned Ships and Norway Air-Landed Marine Expeditionary Brigade.

- Serve as focal point for Weapon Systems/Equipment Management, encompassing all facets of materiel and maintenance management and acquisition/provisioning program support for Marine Corps ground combat equipment world-wide. Direct the maintenance and materiel management programs to ensure equipment readiness support is maintained at an optimum readiness level for the customer to accomplish the assigned mission Direct world-wide item redistributions to enhance Marine Corps readiness.

- Serve as the single point of contact for all logistics concerns for weapon systems/equipment.

- Provide multi-commodity maintenance services to include rebuild; repair; inspect, repair only as necessary; and paint and corrosion control for the following types of equipment: combat vehicles, automotive equipment, construction equipment, communication/electronics (radars, radios, wire, communications, and computers), ordnance/weapons, and general purpose equipment.

- Provide calibration services for electrical, electronic, mechanical, electro-mechanical, optical, electro-optical, fiber optic, Light Amplification by the Stimulation of Emitted Radiation (LASER), and Radiation Identification and Computation (RADIAC), Test, Measurement, and Diagnostic Equipment (TMDE).

- Provide maintenance support for Marine Corps-unique items not worked by other services. These unique items include: Light Armored Vehicle (LAV), Assault Amphibious Vehicle (AAV) - Marine Corps Amphibious Items; Logistics Vehicle System (LVS); AN/GRC-171A/B, AN/GRC-201, AN/MRC-110A, AN/MRC-138A/B, AN/MRC-140 Radio Sets; M249 and M240 Machine Guns; 83MM Rocket Launcher (SMAW); M252 Mortar; and North Finding Module (MX-18204).

- Provide timely (quick turn-around) maintenance support for the Maritime Prepositioning Force and the II Marine Expeditionary Forces located in the Camp Lejeune area which together make up the largest concentration of Marine forces and Marine Reserve Forces east of the Mississippi River.

- Provide ground combat and combat support equipment maintenance to other services DoD-wide through Depot Maintenance Interservice Support Agreements.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Provide for total operation and execution of the Marine Corps Automatic Test Equipment Program.

- Provide original design, prototype, and development services and limited fabrication of new components and systems.

- Provide repair, maintenance, and calibration services for all types of surveying and meteorological equipment. (Survey Instrument Exchange Program (SIEP).)

- Provide calibration and repair services for all small caliber infantry weapons gages. (Infantry Weapons Gages Calibration Exchange Program.)

- Serve as the technical manager and provide technical support services in all Electromagnetic Environmental Effects (E^3) matters relating to Electro-Static Discharge (ESD), Electromagnetic Compatibility/Interference (EMC/EMI), Intermodulation Interference, Radio Frequency Interference, and Electromagnetic Pulse. Identify, assess, and correct E^3 problems in the Fleet Marine Forces (FMF) and assist acquisition managers in controlling E^3 in new equipment.

- Provide evaluation, analysis, and technical assistance to U.S. Air Force users of the Unit Level Circuit Switch.

- Provide Non-Destructive Inspection (NDI) and Radiography services.

- Provide demilitarization services.

- Provide customer service/satisfaction to all internal and external customers.

- Develop and provide a field deployable Electronic Repair Capability, through the Microminiature Repair Facility Project, which gives the FMF the capability to perform extensive repairs on Communications/Electronics Systems, Weapons Systems, equipments and sub-systems to include the repair of circuit card assemblies, removal and replacement of discrete components to include microcircuits.

- Provide technical assistance and support services for the Marine Corps General Purpose Electronic Test Equipment (GPETE) Modernization Program which includes: sample calibration and testing, verification of calibration procedures, identification and evaluation of support equipment requirements, development of Draft Marine Corps Stock Lists (SL)-3's, and other miscellaneous tasks for GPETE items that are entering the Marine Corps inventory.

- Serve as the focal point within the Marine Corps for the formulation of policy, guidance, and procedures for the Depot Maintenance Interservice Program.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Serve as the Marine Corps Maintenance Interservice Support Management Office.

- Represent the Marine Corps in Joint Service Business Planning.

- Develop the Annual Corporate Business Plan for the Marine Corps; prepare the Marine Corps portion of Defense Depot Maintenance Council Corporate Business Plan.

- Recommend Marine Corps weapon systems for depot level maintenance competition and develop Statements of Work for public/private competition.

- Serve as the agent of the Marine Corps' Principal Member to the Joint Policy Coordinating Group of Depot Maintenance with the principal staff responsibilities of providing guidance to the Joint Depot Maintenance Analysis Group (JDMAG).

- Provide manpower (currently two billets) for USMC staffing requirements at JDMAG, Dayton, Ohio. Provide reimbursable funding support to JDMAG as required for joint service initiatives approved by the Joint Policy Coordinating Group.

- Manage the Marine Corps Posture Plan.

- Serve as the Marine Corps member on the Depot Maintenance Military Construction Review Panel.

- Manage the Marine Corps Multi-Commodity Maintenance Center Defense Business Operations Fund (DBOF).

- Manage the Supply Depot Operations Program for the Marine Corps.

- Perform duties as designated within the Marine Corps Continuity of Operations Plan (COOP-MC). The COOP-MC is a classified document that provides for the continuity of logistics operations for the Marine Corps in the event of an impending or actual national emergency affecting the continued feasibility of Washington-based operations. In the event of execution, the COOP-MC outlines specific responsibilities to be assumed by MARCORLOGBASES, Albany, GA.

- Provide oversight of all logistics functions to support Maritime Prepositioned Ships, to include planned maintenance cycles and regeneration/reconstitution of equipment used to support world—wide mobilizations and/or Major Regional Contingencies.

- Perform all facets of acquisition logistics management and program support by planning, developing, attaining, and controlling weapon systems/equipment and related components, support documentation, and test equipment required to ensure adequate, timely, and cost effective logistics support throughout the life cycle.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Develop, coordinate, and determine requirements for the multi-commodity equipment maintenance rebuild/rotation programs to support the active and reserve FMF's to include Maritime Prepositioned Forces and Prepositioned War Reserves. Uses a unique requirements determination process for identifying rebuild requirements of the Marine Corps Principal End Items.

- Serve as the Primary Inventory Control Activity for items assigned by the DoD to the Marine Corps for integrated material management. Also, serve as the Secondary Inventory Control Activity for those items for which the Marine Corps has been identified as a registered user.

- Perform centralized inventory management functions for material held within the stores distribution systems for life cycle of weapon systems/equipment to effectively and efficiently provide world-wide customers with supplies, support, and services.

- Perform Marine Corps-wide oversight of the storage and care-in-store of principal end items held within the Marine Corps wholesale supply system.

- Examine Preventive Maintenance Plans for Marine Corps Weapons Systems using Reliability Centered Maintenance concepts and the Marine Corps Integrated Maintenance Management System. Serve as focal point for maintenance data collection and analysis of Principal End Items, secondary reparables and repair parts. Develop Class IX repair parts support packages from maintenance history data to support the Maritime Prepositioned Ships, Foreign Military Sales and FMF units.

- Perform storage, care-in-store, inspections, and preparation for shipment action on principal end items held in the Marine Corps Stores System including all in stores Marine Corps War Reserve Assets, and Initial Issue Requirements for the Marine Corps Reserve Forces.

(Defense Management Review Decision (DMRD) 902 shifted receiving, issuing, and distribution functions as well as storage of Marine Corps-owned expendable and secondary items to the Defense Logistics Agency (DLA). We still perform storage and maintenance through care-in-store of principal end items. In keeping with total weapons system management concept, the Marine Corps believes that it can best support Marine Corps Operating Forces by retaining the storage and maintenance through care-in-store of its principal end items. This allows us to take advantage of the collocation of our maintenance and storage facilities under the purview of a single commander.)

- Provide storage, care-in-store, and assembly/disassembly for Marine Corps Operating Forces tactical equipment which is beyond their current maintenance capability.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Provide special assembly projects support, on a reimbursable basis, to Marine Corps Operating Forces, the U.S. Army, the Marine Corps Maritime Prepositioning Ships Program, Saudi Arabian National Guard and Saudi Arabian Royal Naval Forces.

- Provide mobile technical assistance teams to assist Marine Corps Reserve Forces east of the Mississippi River in performing essential equipment maintenance and maintenance management guidance which exceeds their normal capacity to execute.

- Serve as the functional manager for the Marine Corps War Reserve System to include: train the FMF in the operation of the War Reserve System; guide/direct the FMF in the computation of War Reserve requirements; execute supportability processes relating to sustainability analysis; execute War Reserve withdrawal processes; and coordinate sourcing of War Reserve material and shortfalls to update the Joint Operational Planning and Execution System.

- Serve as Logistics Element Manager (LEM) for preservation, packaging and packing, maintenance planning, supply support, and that portion of technical data relating to engineering drawings. In addition, serve as the LEM for the related disciplines of logistics support analysis, post production support, configuration status accounting, and the weapon system support program. The LEM is the technical expert representing one or more major functional elements or related disciplines.

- Serve as focal point for the Marine Corps for operational analysis, evaluation, impact, and implementation of all Military Integrated Logistics Systems (MILS) programs (i.e., MILSTRIP, MILSTRAP, and MILSTEP).

- Maintain the Marine Corps DoD Activity Address Directory.

- Determine optimum maintenance management methodology involving all echelons of repair and rebuild. Determine and assign Source, Maintenance and Recoverability Codes and other applicable maintenance/management codes. Influence weapon systems/equipment design and end item configuration characteristics.

- Serve as the sole Marine Corps activity for providing logistics data support (cataloging, engineering and configuration management, standardization review, and publications maintenance) for the life cycle of assigned weapon systems/equipment.

- Serve as the Marine Corps' only cataloging activity and execute the Federal Cataloging Program. Ensure the Marine Corps is recorded as a registered user for all items of supply for which requirements have been identified and brought into the Marine Corps supply system. Perform logistics data maintenance to ensure data is current and take cataloging actions to establish interchangeability and substitutability families for Marine Corps items.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Serve as the sole Engineering Support Activity for the Marine Corps. Provide technical support for reprocurements and responses to Request for Engineering Support and Item Reduction Studies. Authenticate engineering drawings for all weapon systems/equipment developed for the Marine Corps.

- Provide supply, technical and engineering support to Marine Corps activities world-wide, other services, Foreign Military Sales customers, and federal agencies.

- Manage the Foreign Military Sales Repair and Return Program.

- Operate and maintain the only Engineering Data Repository for the Marine Corps. This repository employs the Joint Engineering Data Management and Information Control System, a digitized data base system selected as the DoD standard repository system for storage of engineering data.

- Serve as the Marine Corps' only Configuration Status Accounting activity. Establish and maintain the current configuration baseline documentation which describes and identifies Marine Corps-managed weapon systems and equipment using the Configuration and Logistics Program Systems.

- Perform inventory control, storage and distribution of publications for the entire Marine Corps. (MCLB Albany is the only publications supply base in the Marine Corps.)

- Develop, prepare, publish, and revise Marine Corps weapon systems/equipment support publications and directives by using the only Electronic Technical Publication System in the Marine Corps. This system is the only electronic repository for all Marine Corps publications.

- Serve as the Marine Corps' only focal point responsible for the printing management of weapon system technical publications and Marine Corps specialized forms.

- Provide world-wide supply support for all heraldic items, to include flags, textiles and General Officer stationery, in support of the entire Marine Corps. Provide supply support for the USMC Band (the President's own) and the Drum and Bugle Corps.

- Serve as the Marine Corps' only clothing design activity, which designs and develops patterns for use in the manufacture of prototype, experimental and standard samples of Marine Corps uniforms. Manufacture prototype and experimental uniforms and uniform items. Develop, prepare, and validate specifications and related technical drawings associated with Marine Corps uniforms, uniform items, headwear, footwear, heraldic, leather, and textile items.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Develop, direct, and monitor the Marine Corps Quality Assurance Program for logistics support responsibilities and logistics data systems.

- Manage the Marine Corps Product Quality Deficiency Report Program and the Marine Corps Report of Discrepancy Program.

- Manage the Marine Corps Materiel Obligation Validation Program and the Marine Corps Materiel Release Order Follow-up Program.

- Operate the Marine Corps' only Physical Tear down and Logistics Demonstration activity to validate and verify weapon systems/equipment technical manuals, repair parts lists, rebuild standards, engineering drawings, tool requirements, and physical conformance of hardware to technical data packages.

- Serve as Marine Corps Wholesale Physical Inventory Control/ Accountability Officer.

- Provide Marine Corps-wide oversight for testing and evaluation for all Marine Corps Nuclear, Biological, and Chemical (NBC) equipment. MARCORLOGBASES has operational control over NBC Test and Evaluation Units (TEU's) located at Camp LeJeune, NC; Camp Pendleton, CA; and Camp Butler, Okinawa.

- Ensure that unserviceable weapon systems/equipment are returned to a serviceable condition and that a core industrial base is maintained for peacetime and wartime mobilization.

- Manage the Marine Corps Physical Inventory Control Program, Location Reconciliation Program and serve as the Management Control Activity for Government Furnished Equipment/Government Furnished Materiel and Loans.

- Represent the Marine Corps before administrative boards, judges, tribunals or District Courts, or provide coordination with assigned counsel.

- Serve as the single contact point for the Marine Corps Replenishment Parts Purchase or Borrow Program for Sole Source Spare Parts Procurements and Bailment Program.

- Coordinate Price and Availability/Letter of Offer and Acceptance data and equity lists for Foreign Military Sales.

- Serve as the technical focal point on weapon systems/equipment. Provide technical support for reprocurements, including the Technical Data Package, Quality Assurance data, First Article Test procedures, Warranty Programs and serve as technical representative at contract pre-award surveys. Provide responses to Requests for Engineering Support and Item Reduction Studies.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Procure supplies and services from private and public sources through planning, execution, and administration of contractual actions. Supplies acquired range from small off-the-shelf items to major secondary reparables, simulation and training devices, information processing hardware and software requirements, and reprocurement of assigned Principal End Items, including assigned product improvement programs. Services procured are varied and include movement of household goods, private and public sector repair of major weapon system components and end items, information processing support projects, and shipboard plus ground-based asset maintenance.

- Provide contractual support for Marine Corps Wholesale Supply System, Marine Corps Prepositioning Program, Corporate Information Management (CIM), installation needs of MCLB Albany, and other Federal Government activities as requested.

- Perform all contract administration functions not delegated in accordance with regulations to ensure timely and adequate delivery or performance of required supplies or services.

- Maintain primary operational cognizance over wholesale and retail automated contracting systems.

- Provide procurement support to multiple geographically dispersed activities.

- Perform as "Contracting Office of Last Resort for Marine Corps Activities" unable to obtain supplies and services within their current capabilities.

- Provide contract support for the Army Afloat Prepositioning Program in the area of shipboard maintenance of equipment for the initial complement of Army vessels.

- Provide automated logistics information systems support for the initial loading of the Army's interim Afloat Prepositioning Program.

- Serve as the DoD Initial Operating Site for the new Procurement Automated Information Systems and for Material Management Standard System (MMSS).

- Serve as a DoD prototype site for development and test of future DoD Standards Based Architecture workstation configurations.

- Serve as one of five DoD and the only Marine Corps prototype site for the Joint Continuous Acquisition and Life-Cycle Support (JCALS) Automated Information Systems. The goal of JCALS is to integrate DoD information system architectures, integrate and streamline business processes, and employ dual-use technologies. These efforts will accelerate the rate of electronic commerce as a way to control weapon system life cycle costs, increase combat readiness, and foster efficiency with industry.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Provide a single focal point for all business and process improvements affected by DoD Standard Logistics Information Systems initiatives and other DoD business areas such as: Financial, Procurement, Environmental, etc.

- Analyze joint business practices. Facilitate the integration and improvement of operating business procedures with the other components, Joint Logistics Systems Center (JLSC), and other CIM advocates (e.g., DLA for distribution). Directly support the JLSC on site at Wright-Patterson AFB with five military and six civilian billets.

- Provide system sponsor support for HQMC Functional Managers policy to be interpreted into procedural requirements both in an automated system and manual implementation for all Marine Corps users at the wholesale/retail level for logistics and financial inventory accounting. This includes analysis, design, programming, testing, implementing, and maintenance of Automated Information Systems for the Marine Corps world-wide.

- Maintain Marine Air Ground Task Force (MAGTF) II/Logistics Automated Information Systems family of systems to accommodate Joint and Marine Corps requirements. Enforce version control for all logistics retail and Logistics Automated Information Systems Marine Corps Warfighting Systems; provide single point worldwide distribution of all releases, a central repository for all mainframe and personal computer-based source, object, and users manuals, supervise acceptance by end user, and ensure Marine Corps standards are followed.

- Perform users manual preparation (write, modify, and publish) in support of logistics related systems. (MCLB Albany is the only location within the Marine Corps that prepares logistics-related users manuals required by retail and Marine units to perform all wholesale, retail, and deployed systems daily tasks.)

- Provide comprehensive large scale mainframe data processing and telecommunications networking support for MCLB's Albany and Barstow; Blount Island Command, Jacksonville, Florida; and the Fourth Marine Division, Fourth Marine Air Wing, Eighth Marine Corps District, New Orleans, LA.

- Provide interlink to logistics information by providing electronic mail, electronic mail directory services, file-transfer, file-sharing, mainframe access, and interface to the Marine Corps Data Network and the Defense Data Network via a standard connectivity platform.

- Maintain and integrate those Logistics Automated Information Systems that deploy with Marine units and require joint interoperability.

- Provide maintenance support for current Marine Corps logistics systems, to include: re-engineer systems to ADA, produce applicable Life Cycle Management documentation, assist customers with system problems, and perform unit, system, and integration testing.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Provide all Class I/IA Legacy logistics automated information support for the Marine Corps. Provide the development and maintenance of a series of systems that aid in the movement of a MAGTF from the point of origin to the point of embarkation and from the point of debarkation to final destination.

- Provide complete support for Maritime Prepositioned Ships Automated Information Systems.

- Provide an automated inventory process which tracks assets during the maintenance cycle and ensures asset visibility aboard the ships. This process provides necessary information to comply with Coast Guard and Maritime regulations and provides Force Commanders with asset pre-assignment capability to assist in rapid deployment.

- Manage, coordinate, and expedite the conversion/implementation of existing component's systems to migrating Automated Information Systems.

- Provide automated garrison support for Blount Island Command for Maintenance Management, Supply Management, Ammunition Inventory Management, and Medical Supply Inventory Management.

- Publish the Marine Corps Logistics Bulletin, a DoD-wide publication designed to provide information on Marine Corps logistics matters.

- Serve as the Marine Corps single contact point for the Spares Acquisition Value Enhancement (SAVE) Program by performing in-depth research on suspected overpriced/price verifications for national stock numbers. Also includes: Spare Parts Breakout Program, reverse engineering/bailment, rapid acquisition of manufactured parts, elimination of product substitution fraud, spare parts management improvement, competitive acquisition of spare parts, refunds for overpriced spares, development of additional sources for spares, elimination or reduction of rare and propriety hardware items/parts used where common hardware items are available, and reprocurement data/proprietary data claims and awards for SAVE actions.

- Provide the only Marine Corps telephone hotline so price challenges of spare parts can be received 24 hours a day.

- Manage Marine Corps-wide logistics inquiries through the Command's Logistics Inquiry Network (Logistics Hotline).

- Serve as legal counsel regarding Norway Prepositioning Program and the Joint Depot Environmental Panel.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Serve as the technical focal point for Ozone Depleting Substances for the MCLB's Albany and Barstow and Blount Island Command. This includes developing alternatives, identifying substitutions and replacements for Base-owned equipment.

- Serve as Container Control Office for the Marine Corps. Maintain data base for tracking of all Marine Corps owned containers. Draft policy for the management of Marine Corps-owned containers.

Closure of MCLB Barstow would impact the following functions:

- Provide maintenance and maintenance-related products and services which meet our customers needs in cost, quality, and schedule.

- Provide multi-commodity maintenance services to include rebuild, repair, inspect, repair only as necessary; and paint and corrosion control for the following types of equipment: combat vehicles, automotive equipment, construction equipment, communication/electronics (radars, radios, wire communications, and computers), ordnance/weapons, ship engines, general purposes equipment, and missiles.

- Provide calibration services for electrical; electronic; mechanical; electro-mechanical; optical; electro-optical; fiber optic; Light Amplification by the Stimulation of Emitted Radiation (LASER); and Radiation Identification and Computation (RADIAC); Test, Measurement, and Diagnostic Equipment (TMDE). (Marine Corps Standard Exchange Program (MCSEP), Thermistor Mount Calibration Exchange Program (THERMCEP).

- Provide maintenance support for Marine Corps-unique items not worked by other services. These unique items include: Light Armored Vehicle (LAV), Assault Amphibious Vehicle (AAV) - Marine Corps Amphibious Items; Logistics Vehicle System (LVS); AN/GRC-171A/B, AN/GRC-201, AN/MRC-110A, AN/MRC-138A/B, Radio Sets; M249 and M240 Machine Guns; 83MM Rocket Launcher (SMAW); M252 Mortar; North Finding Module (MX-18204), AN/PPN-19, AN/TPS-59, Night Vision Goggles, AN/MSC-63 Communication Shelter, and Tubular-Launched Optically-Tracked Wire-Guided (TOW) Field Test Set.

- Provide rapid turn-around multi-commodity maintenance support to the Maritime Prepositioning Force; Marine Corps Base, Camp Pendleton; and MCAGCC Twentynine Palms which combined constitute the largest concentration of Marine forces in the United States.

- Provide ground combat and combat support equipment maintenance to other services DoD-wide through Depot Maintenance Interservice Support Agreements.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Provide for operation and execution of the Marine Corps Automatic Test Equipment Program pertaining to PPN-19, TPS-59, HAWK, TPX46, UPX27 and UPA60.

- Provide original design, prototype, and development services, and limited fabrication of new components and systems.

- Provide repair, maintenance, and calibration services for all types of surveying and meteorological equipment on Survey Instrument Exchange Program (SIEP).

- Provide technical support services in Electromagnetic Environmental Effects (E^3) matters relating to Electrostatic Discharge (ESD), Electromagnetic Compatibility/Interference (EMC/EMI), Intermodulation Interference, Radio Frequency Interference, and Electromagnetic Pulse.

- Provide interservice maintenance support for the Coast Guard Paxman Engine. Currently the only government agency in the United States providing complete rebuild and dynamometer testing for these engines.

- Provide Naval Weapons Center (NWC), Fallbrook, CA, with maintenance support for TOW and Dragon.

- Provide Flexible Computer Integrated Manufacturing (FCIM). Develop and manage technical data applicable to Marine Corps-unique equipment. Develop and use to best advantage the capabilities of other organic installations in support of the Marine Corps mission. Provide replacement parts on demand while continuously improving our business practices.

- Provide multi-purpose maintenance support to the Army National Training Center (Army NTC), Ft. Irwin, CA, in support of Opposing Forces Combat Vehicles (Russian Equipment).

- Provide evaluation, repair, overhaul, analysis, and technical assistance to users of Image Intensifiers and Night Vision Equipment.

- Provide Non-destructive Inspection and Radiography services.

- Provide demilitarization services.

- Provide customer service/satisfaction to all internal and external customers.

- Develop, outfit, and provide a field deployable Electronic Test, Measurement and Diagnostic Equipment Repair Facility. This affords the Fleet Marine Force (FMF) the capability to perform extensive repairs at the discrete component level on a wide variety of test equipment, including microprocessor-based equipment.

4. MOBILIZATION AND CONTINGENCY POSTURE, continued

- Provide contact teams for M198 Howitzer, AAV's, and etc.

- Provide technical assistance and support services for the Marine Corps General Purpose Electronic Test Equipment (GPETE) Modernization Program which includes: sample calibration and testing, verification of calibration procedures, identification and evaluation of support equipment requirements, development of draft Marine Corps Stock Lists SL-3'S, and other miscellaneous tasks for GPETE items that are entering the Marine Corps inventory.

- Provide interservice maintenance support for the Canadian Bison, LAV.

- Perform storage, care-in-store, inspections, and preparation for shipment action on principal end items held in the Marine Corps Stores System including all in stores Marine Corps War Reserve Assets, and Initial Issue Requirements for the Marine Corps Reserve Forces.

(Defense Management Review Decision (DMRD) 902 shifted receiving, issuing, and distribution functions as well as storage of Marine Corps-owned expendable and secondary items to the Defense Logistics Agency (DLA). We still perform storage and maintenance through care-in-store of principal end items. In keeping with total weapons system management concept, the Marine Corps believes that it can best support Marine Corps Operating Forces by retaining the storage and maintenance through care-in-store of its principal end items.

This allows us to take advantage of the collocation of our maintenance and storage facilities under the purview of a single commander.)

- Provide storage and care-in-store for Marine Corps Operating Forces tactical equipment which is beyond their current maintenance capability.

- Provide mobile technical assistance teams to assist Marine Corps Reserve Forces west of the Mississippi River, in performing essential equipment maintenance which exceeds their normal capacity to execute.

- Perform hazardous and radioactive material storage.

- Determine the range and depth of stocked items, and maintain stocks of designated facilities maintenance insurance and prepositioned war reserve items.

Activity: M67004

CUSTOMERS

5. MAJOR CUSTOMERS OF THE MCLB

5.1 For the listed fiscal years, provide the breakout of executed and planned expenditures in thousands of dollars ($ K) by the following categories; work for Marine Corps, work for other services, DOD agencies, work for other Federal Government agencies, all other work including support to commercial companies, and a total.

Table 5.1: Historic and Predicted Workload by Customer - MC3
($ K)

Customer	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
DON: Marine Corps (specify)	104,645.6	121,401.8	175,658.4	182,880.5	172,191.2	153,217.2	170,336.5	181,876.8
DON: Navy	424.9	689.4	238.6	959.3	508.8	518.8	649.3	649.3
Other DoD (Specify) *	2,345.2	1,502.5	1,537	5,267.2	7,887.6	6,613.6	2,112.1	2,112.1
Other Federal Agencies (Specify) **	28.3	424.8	1,239.7	296	181.2	115.2	115.2	115.2
Commercial								
Other (Specify) ***	71.4	129.8	246.3	489.5	28.2	28.2	235.1	235.1
Total	107,515.4	124,148.3	178,920.5	189,892.5	180,797.0	160,493.0	173,448.2	184,988.5

*** Workload includes work performed by the MCLBs for the Army, Air Force, and DLA.**
**** Workload includes work performed by the MCLBs for the DEA and Coast Guard.**
***** Workload includes work performed by the MCLBs for FMS and amphibious workload for Marine Corps assets loaned to and funded by the Army, in FYs-92/93, to return to Condition Code "A".**

NOTE: Data for this table is the sum of MCLB Albany and MCLB Barstow workloads.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

5. MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.1: **Historic and Predicted Workload by Customer, Logistics ($ K)**

Customer	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
DON: Marine Corps	284,350	457,282	422,911	373,728	183,764	252,798	249,403	240,615
DON: Navy	1,248	507	100	100	100	100	100	100
Other DoD	536	385	1,455	10,535	3,361	4,662	2,367	1,487
Other Federal Agencies	51	226	456	391	454	340	340	340
Commercial								
Other (Specify)	128	355	733	1,541	1,442	1,284	1,284	1,284
Total	286,313	458,755	425,655	386,295	189,121	259,184	253,494	243,826

DON Marine Corps: Surge in FY91 and FY92 is attributed to Operations Desert Storm/Shield. FY93 decline is attributed to Mar 92 accelerated implementation of DMRD 902 which transferred many distribution functions to DLA.

DON: Includes support for the Navy International Programs Office for Foreign Military Sales.

Other DoD: Includes support for the Corporate Information Management, Joint Logistics Systems Center, and the Army.

Other Federal Agencies: Includes support for Small Business Administration, Foreign Military Sales and Defense Logistics Agency.

Other: Support for Foreign Military Sales (Saudi Arabia, Australia, and Canada.)

Activity: M67004

5. MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.1: Historic and Predicted Workload by Customer, Contracts ($ K)

CUSTOMER	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
DoN: Marine Corps*	93,896.1	144,943.7	82,963	93,030.5	51,850	48,800	54,900	57,645
DoN: Navy								
Other DoD Agencies	10,292.6	8,985.9	27,681.1	43,953	25,500	24,000	27,000	28,350
Other Federal Agencies								
Commercial								
Other:	2,645.7	4,542.8	9,226.5	13,261.1	7,650	7,200	8,100	8,505
TOTAL	106,834.4	158,472.4	119,870.6	150,244.6	85,000.0	80,000.0	90,000.0	94,500.0

NOTE: Contracts executed and planned expenditures include direct fund cites independent of MCLB Albany appropriated dollars.

Other: Includes support for Foreign Military Sales.

*Includes installation support, estimated as follows:

	($ K)		($ K)
FY-90	3,999.9	FY-94	4,000
FY-91	3,999.9	FY-95	4,000
FY-92	4,155.9	FY-96	4,000
FY-93	4,093	FY-97	4,000

Activity: M67004

5. MAJOR CUSTOMERS OF THE MCLB, continued

5.2 Identify the actual and planned expenditures in Direct Labor Manhours (DLMHs) by commodity at this MCLB for the period requested for each group of customers identified in Table 5.1.

Table 5.2.a: Historic/Predicted Commodity Workload Breakout by Customer
DON: Marine Corps (Specify)

Commodity Type	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Missiles	167.5	150.6	161.8	116.4	177.0	154.5	39.0	33.8
Amphibians	554.1	411.4	955.9	880.5	847.1	709.9	720.5	727.0
Combat Vehicles	230.9	284.7	196.1	173.0	243.7	210.3	89.4	89.1
Automotive Equipment								
Ships								
Tactical Vehicles	332.2	407.2	776.9	1,016.9	783.0	657.0	961.4	1,035.1
[illegible]truction Equipment	53.9	56.8	67.0	127.0	102.5	88.4	36.0	128.2
Communication and Electronic Equipment	235.2	252.7	278.8	318.9	331.5	287.1	300.3	299.9
Ordnance, Weapons, and Munitions	48.9	65.3	63.0	94.3	79.1	70.1	77.8	77.1
General Purpose Equipment	54.5	72.1	78.2	88.4	83.6	72.8	34.3	34.3
Other End Items	228.3	328.9	214.9	199.7	273.9	225.1	213.3	213.3
Total	1,905.5	2,029.7	2,792.6	3,015.1	2,921.4	2,475.2	2,472.0	2,637.8

NOTE: DLMHs are the sum of MCLB Albany and MCLB Barstow workloads. Manufacturing workloads are not factored into these figures.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Activity: M67004

5. MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.b: Historic/Predicted Support Workload Breakout by Customer
DON: Marine Corps (Specify)

Functional Area	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Storage Support	2,518.9	2,428.5	1,991.1	851	706.7	752.1	745.8	739.6
Weapon System	214	214	242	241	226	226	226	226
Readiness Mgmt	50	50	55	49	48	50	50	50
Maint Mgmt	201	107	92	88	124	142	142	142
Acquisition Mgmt	151	162	148	141	181	188	188	188
Material Mgmt	201	107	92	88	124	142	142	142
Config. Mgmt	42	34	46	47	47	50	50	50
Cataloging	73	65	79	80	85	90	90	90
[illegible] Repository	25	17	30	29	31	33	33	33
[illegible] Pubs	44	35	23	22	66	71	71	71
Engr Draw Sup	38	31	43	43	47	50	50	50
Tech Asst	58	48	62	62	31	33	33	33
Reprocurement	5	5	3	3	7	7	7	7
Clothing/Design	22	22	20	19	19	19	19	19
Printing Mgmt	14	13	14	13	15	17	17	17
Log Demo	20	20	26	22	23	23	23	23
Contracting	154.7	143.2	130.2	129	141.1	134.8	128.6	126.5
Information Resources	719	669	625	484	424	561	561	561
Other Logistics Support	541	440	380	315	345	375	365	357
Total	5,091.6	4,610.7	4,101.3	2,726.0	2,690.8	2,963.9	2,941.4	2,925.1

NOTE: Includes military and civilian manhours.

Current accounting system does not provide data by categories indicated above. Hours reflected above are estimates based on the number of personnel assigned.

Storage Support: FY93 decline is attributed to Mar 92 accelerated implementation of DRMD 902 which transferred many distribution functions to DLA.

5. MAJOR CUSTOMERS OF THE MCLB, continued

Information Resources: Figures for each year include support to 6th Marine Corps District, Atlanta, GA; 4th Marine Division, New Orleans, LA; Defense Logistics Agency, Albany, GA; Defense Financial Accounting Services, Kansas City, MO and Albany, GA; Fleet Marine Force; Blount Island Command, Jacksonville, FLA; and Depot Maintenance Activity Albany, GA and Barstow, CA (reimbursable).

Information Resources: Dollar amounts for FY96 and out years could change due to a proposed move under DMRD 918 of the Information Processing Center to a megacenter in St. Louis, MO.

Activity: M67004

5. MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.c: Historic/Predicted Commodity Workload Breakout by Customer DON: Navy

Commodity Type	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Missiles								
Amphibians								
Combat Vehicles*	.1	.3	.2	.1	.2	.2	.1	.2
Automotive Equipment								
Ships		.1		3.4	2.9	2.5	2.5	2.6
Tactical Vehicles								
Construction Equipment								
Communication and tronic Equipment	6.0	6.4	3.7	4.7	4.9	4.1	3.7	3.8
Ordnance, Weapons, and Munitions	.1	1.4	.1	.1	.1	.1		
General Purpose Equipment								
Other End Items	.3	.7	.1	1.3	1.1	.9	.3	.3
Total	6.5	8.9	4.1	9.6	9.2	7.8	6.6	6.9

* DLMHs include work performed by the MCLBs on the Air Defense Vehicle (the Sgt York)

NOTE: DLMHs are the sum of MCLB Albany and MCLB Barstow workloads. Manufacturing workloads are not factored into these figures.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Activity: M67004

5. MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.d: Historic/Predicted Support Workload Breakout by Customer
DON: Navy

Functional Area	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Storage Support	21.1	7.1	2.3					
Weapon System								
Readiness Mgmt								
Maint Mgmt								
Acquisition Mgmt								
Material Mgmt		4	4	4	4	4	4	4
Config. Mgmt								
Cataloging								
Data Repository								
h Pubs								
r Draw Sup								
Tech Asst								
Reprocurement								
Clothing/Design								
Printing Mgmt								
Log Demo								
Contracting								
Information Resources								
Other Logistics Support								
Total	21.1	11.1	6.3	4.0	4.0	4.0	4.0	4.0

NOTE: Includes military and civilian manhours.

Current accounting system does not provide data by categories indicated above. Hours reflected above are estimates based on number of personnel assigned.

rial Mgmt: Figures represent the manhours (Civilian and Military) in support of the Navy International Programs Office for Foreign Military Sales.

Activity: M67004

5. MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.e: Historic/Predicted Commodity Workload Breakout by Customer Other DoD (Specify)

Commodity Type	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Missiles		.4	2.4	14.8	5.3	4.5	4.5	4.8
Amphibians		.8	*.3	*27.4	10.0	10.3		
Combat Vehicles	.4	1.7	4.9	15.0	6.1	5.2	5.2	5.5
Automotive Equipment								
Ships								
Tactical Vehicles	5.4		.2	7.1	7.6	6.4	5.3	5.6
struction Equipment				.1	.1	.1		
Communication and Electronic Equipment	35.8	19.4	12.3	16.1	35.4	30.0	16.2	16.8
Ordnance, Weapons, and Munitions	.1		.6		.1	111	59.8	109.4
General Purpose Equipment			1.1	1.7	.6	.5	.5	.5
Other End Items	1.6			.7	1.4	1.2	.1	.1
Total	43.3	22.3	21.8	82.9	66.6	169.2	91.6	142.7

DLMH's include work performed by the MCLBs for the Army, Air Force, and the DLA.

* Includes amphibious workload for Marine Corps assets loaned to and funded by the Army, in FYs-92/93, to return to Condition Code "A".

NOTE: DLMHs are the sum of MCLB Albany and MCLB Barstow workloads. Manufacturing workloads are not factored into these figures.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 This guidance was provided by the BSAT.

MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.f: Historic/Predicted Support Workload Breakout by Customer Other DoD (Specify)

Functional Area	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Storage Support	71.9	39.8	27.4	11	10.8	10.8	10.8	10.8
Weapon System								
Readiness Mgmt								
Maint Mgmt				2	4	6	6	6
Acquisition Mgmt								
Material Mgmt				6	22	25	25	25
Config Mgmt			1	1	4	7	7	7
Cataloging			1	2	4	7	7	7
Data Repository					4	5	5	5
Tech Pubs								
Engr Draw								
[illegible]a Asst			1	1	4	4	4	4
Reprocurement								
Clothing/Design								
Printing Mgmt								
Log Demo								
Contracting	16.1	12.6	14.9	11.7	16.8	14.7	14.7	14.7
Information Resources			54	102	118	68	20	20
Other Logistics Support								
Total	88.0	52.4	99.3	136.7	187.6	147.5	99.5	99.5

NOTE: Includes military and civilian manhours.

Current accounting system does not provide data by categories indicated above. Hours reflected above are estimates based on number of personnel assigned.

MAJOR CUSTOMERS OF THE MCLB, continued

Storage Support includes support to Foreign Military Sales, Army, Defense Logistics Agency, and Air Force.

Contracting support includes support to the U.S. Army Simulation, Training and Instrumentation Command, U.S. Army Safety Center, Defense Manpower Data Center (East and West), U.S. Army Depot Systems Command, Office of the Deputy Assistant Secretary of Defense (Environment) (No support effort projected beyond FY95 for Environment.), Joint Chiefs of Staff (J-8) (No support effort projected beyond FY 94 for J8).

Information Resources: Figures include DLMHs for term billets which are reimbursed by Corporate Information Management.

MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.g: Historic/Predicted Commodity Workload Breakout by Customer Other Federal Agencies (Specify)

Commodity Type	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Missiles								
Amphibians								
Combat Vehicles								
Automotive Equipment								
Ships				.4	.5	.4	.4	.4
Tactical Vehicles								
Construction Equipment								
Communication and Electronic Equipment		.2	.1	.1	.1	.1	.1	.1
[illegible]ance, Weapons, and [illegible]unitions	.4				.2	.2		
General Purpose Equipment								
Other End Items		3.7	12.1	.4	.3	.2		
Total	.4	3.9	12.2	.9	1.1	.9	.5	.5

DLMHs include work performed by the MCLBs for the Coast Guard and the DEA.

NOTE: DLMHs are the sum of MCLB Albany and MCLB Barstow workloads Manufacturing workloads are not factored into these figures.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.h: Historic/Predicted Support Workload Breakout by Customer
Other Federal Agencies (Specify)

Functional Area	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Storage Support								
Weapon System								
Readiness Mgmt								
Maint Mgmt								
Acquisition Mgmt								
Material Mgmt								
Config. Mgmt								
Cataloging								
Data Repository								
Tech Pubs								
Engr Draw Sup								
Asst								
Reprocurement								
Clothing/Design								
Printing Mgmt								
Log Demo								
Contracting								
Information Resources								
Other Logistics Support	2	2	2	1	1	1	1	1
Total	2.0	2.0	2.0	1 0	1.0	1.0	1.0	1.0

NOTE: Includes military and civilian manhours.

Other Logistics Support: Includes support to Small Business Administration.

5 MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.i: Historic/Predicted Commodity Workload Breakout by Customer Commercial Customers

Commodity Type	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Missiles								
Amphibians								
Combat Vehicles								
Automotive Equipment								
Ships								
Tactical Vehicles								
Construction Equipment								
Communication and Electronic Equipment								
Ordnance, Weapons, and Munitions								
General Purpose Equipment								
Other End Items								
Total	0	0	0	0	0	0	0	0

NOT APPLICABLE.

MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.j: Historic and Predicted Support Workload Breakout by Customer Commercial Customers

Functional Area	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Storage Support								
Weapon System								
Readiness Mgmt								
Maint Mgmt								
Acquisition Mgmt								
Material Mgmt								
Config. Mgmt								
Cataloging								
Data Repository								
Tech Pubs								
Draw Sup								
Tech Asst								
Reprocurement								
Clothing/Design								
Printing Mgmt								
Log Demo								
Information Resources								
Other Logistics Support								
Contracting								
Total								

NOT APPLICABLE.

MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.k: Historic/Predicted Commodity Workload Breakout by Customer All Other Customers

Commodity Type	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Missiles	.2	.1	.2	.5	.5	.5	.5	.5
Amphibians		.6		.1				
Combat Vehicles		.3	.1	8.0	5.0	4.2	4.1	4.1
Automotive Equipment								
Ships								
Tactical Vehicles		.1		1.1	.3	.2	.2	.3
Construction Equipment								
Communication and tronic Equipment	1.3	1.6	.4	7	1.2	1.0	1.0	1.0
Ordnance, Weapons, and Munitions								
General Purpose Equipment								
Other End Items								
Total	1.5	2.7	0.7	10.4	7.0	5.9	5.8	5.9

DLMHs include work performed by the MCLBs for Foreign Military Sales (FMS).

NOTE: DLMHs are the sum of MCLB Albany and MCLB Barstow workloads. Manufacturing workloads are not factored into these figures.

FOOTNOTE: Total MC3 workload data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

MAJOR CUSTOMERS OF THE MCLB, continued

Table 5.2.1: **Historic/Predicted Support Workload Breakout by Customer**
All Other Customers

Functional Area	Workload (DLMHs) (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Storage Support								
Weapon System	6	3	7	6	6	6	6	6
Readiness Mgmt								
Maint Mgmt								
Acquisition Mgmt	1	4	5	10	12	13	13	13
Material Mgmt	1	3	5	13	19	14	14	14
Config. Mgmt			1	2	3	2	2	2
Cataloging			2	4	4	5	5	5
Data Repository			2	4	4	4	4	4
Tech Pubs			1	4	2	4	4	4
Engr Draw Sup								
Asst								
Reprocurement								
Clothing/Design								
Printing Mgmt								
Log Demo								
Contracting (FMS)	8	9	8	5	4	4	4	4
Information Resources								
Other Logistics Support								
Total	16.0	19.0	31.0	48.0	54.0	52.0	52.0	52.0

NOTE: Includes military and civilian manhours.

Current accounting system does not provide data by categories indicated above. Hours reflected above are estimates based on number of personnel assigned.

Weapon System, Acquisition Mgmt, Material Mgmt, Config Status Acct, Cataloging, Data Repository, Tech Pubs: Figures represent direct manhours (Civilian and Military) for Foreign Military Sales (Saudi Arabia, Australia, and Canada.)

**** MAJOR CUSTOMERS OF THE MCLB, continued**

5.. Identify the fraction of the workload assigned to the MCLBs that was performed by other DoD depots and commercial manufacturers for the period requested. Report as a fraction of total budget dollars.

Table 5.3: Percent of Workload Performed Outside the MCLB

% $	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Other DoD (Specify)								
Commercial								
* Total performed outside the MCLBs								

*** 100% of work assigned is performed exclusively by the MCLB's.**

ACTIVITY LIST:

Type	Title	Location
Marine Corps Logistics Base	MCLB Albany	Albany, GA
Marine Corps Logistics Base	MCLB Barstow	Barstow, CA

5 August 1994

DATA CALL WORK SHEET FOR MILITARY VALUE
FOR
MARINE CORPS LOGISTICS BASES
MCLB ALBANY

Questions for the Activities

Category . . . . **Industrial Activities**
Type . . . . **Marine Corps Logistic Bases (MCLBs)**

Claimant . . . . **CMC**

NOTES:
In the context of this Data Call,

1. Production equates to the number of end items or components processed per Fiscal Year (FY), unless otherwise noted. Use single shift operations (1-8-5) for your calculations. Please identify any processes which, under normal operations, operate on a different schedule. Report in specified units of throughput and Direct Labor Man Hours (DLMHs) and in dollars per thousands ($ K).

2. Base your responses for Fiscal Year (FY) 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the MCLB configurations as of completion of implementation of the BRAC-88/91/93 actions.

3. For all workload performed on non-DON assets, include that workload performance in the appropriate commodity group, but specify the asset owner (e.g. Coast Guard).

If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.

This document has been prepared in WordPerfect 5.1/5.2.

DATA CALL WORK SHEET MILITARY VALUE ANALYSIS
FOR
MARINE CORPS LOGISTICS BASES

Table of Contents

Table of Acronyms 3

Mission Area 4

1. Missiles 4
2. Amphibians 5
3. Combat Vehicles 11
4. Automotive Equipment 18
5. Tactical Vehicles 20
6. Construction Equipment 27
7. Electronic and Communications Systems 33
8. Ordnance, Weapons and Munitions 39
9. General Purpose Equipment 46
10. Other End Items 52
11. Manufacturing 60
12. Formal Schools Training 63
13. Prepositioning Force Program 64
14. Storage and Distribution 70
15. Weapon Systems Management 75
16. Readiness Management 78
17. Maintenance Management 80
18. Acquisition Management 83
19. Material Management 85
20. Configuration Management 87
21. Cataloging 89
22. Data Repository Management 91
23. Technical Publications Management 93
24. Engineering Drawings Support 95
25. Technical Assistance 96
26. Reprocurement Support 99
27. Clothing Specifications and Design Management 101
28. Printing Management 103
29. Contracting Support 104

29A. Information Resource Support 105

29B. Other Logistics Support 108

Table of Contents, Continued

Features and Facilities 110
30. Personnel Resources 110
31. Facility Measures 111
32. Physical Teardown and Logistics Demonstration 113

Costs 114
33. Costs of Shipments 114
34. Labor Rates 115
35. Investments 116
36. Resource Employment 126

Strategic Concerns 128
37. Location Factors 128
38. Contingency and Mobilization Features 145
39. Natural Inhibitors to Operations 147

Customers 148
40. Support of the Operating Forces 148
41. Major Customers of the MCLB 196

Environment and Encroachment 198
42. Environmental Considerations 198
43. Encroachment Considerations 202

Quality of Life Factors 202
44. Military Housing - Family Housing 202
45. Military Housing - Bachelor Quarters 207
46. MWR Facilities 211
47. Base Family Support Facilities and Programs 214
48. Metropolitan Areas 218
49. VHA Rates 219
50. Off-base Housing Rental and Purchase 220
51. Sea-Shore Opportunities 223
52. Commuting Distances 223
53. Regional Educational Opportunities 224
54. Spousal Employment Opportunities 227
55. Medical / Dental Care 228
56. Crime Rate 229

Table of Acronyms

$	Dollars
%	Percent
#	Number
ACT	American College Test
ADMIN	Administration; administrative
AOB	Average on Board
APPN	Appropriation
ARC	Alcohol Rehabilitation Center
BAQ	Basic Allowance for Quarters
BOQ/BEQ	Bachelor Officer/Enlisted Quarters
CADCAM	Computer Aided Design / Computer Aided Mapping
CCN	Category Code Number
CMC	Commandant of the Marine Corps
COMM	Communications
COMP	Component
DBOF	Defense Business Operating Fund
DECON	Decontamination
DLA	Defense Logistics Agency
DLMH	Direct Labor Man Hour
DMISA	Depot Maintenance Interservice Supported Units
DoD	Department of Defense
DoDDS	Department of Defense Dependents Schools
DON	Department of the Navy
ESQD	Explosive Safety Quantity Distance
FA	Functional Areas
FMS	Foreign Military Sales
FSC	Family Service Center
FY	Fiscal Year
FYDP	Future Years Defense Plan
HERO	Hazardous Electronic Radiation - Ordnance
HQ	Headquarters
HS	High School
IPE	Industrial Plant Equipment
ITT	Information, Tickets and Tours
KSF	Thousands of Square Feet
LF	Linear Feet
MCLB	Marine Corps Logistics Base
MH	Man Hours
MILCON	Military Construction
MLS	Multiple Listing Service
MODS	Modifications
MPF	Maritime Prepositioning Force
N/A	Non-Applicable
NAVFACINST	Naval Facilities Instruction
NCIS	Naval Criminal Investigative Service
NRFI	Not Ready For Issue
PEI	Principal End Items
PN	Number of Personnel accommodated
POM	Program Objective Memorandum
Qtr	Quarter
RFI	Ready For Issue
ROWPU	Reverse Osmosis Water Purification Unit
SAT	Scholastic Aptitude Test
TAMCN	Table of Authorized Material Control Numbers
TMDE	Test, Measurement Diagnostic Equipment
UIC	Unit Identification Code
VHA	Variable Housing Allowance
W/O	Without
WS/EM	Weapon Systems / Equipment Management
YR	Year

ACTIVITY: M67004

DATA CALL WORK SHEET MILITARY VALUE ANALYSIS FOR MARINE CORPS LOGISTICS BASES

QUESTIONS FOR THE ACTIVITIES

Primary Activity UIC: M67004 (Use this number as Activity identification at the top of each page)

MISSION AREA

1. Missiles

1.1 Identify the types of missiles currently worked at this MCLB.

NONE

1.2 Identify the types of Missiles workload planned at this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

NONE

Table 1.2: Predicted Missile Workload

Missiles (types)	# of Units / DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Missile Frame	/	/	/	/	/	/	/
Propulsion System & Components	/	/	/	/	/	/	/
Guidance System & Components	/	/	/	/	/	/	/
Payload System & Components	/	/	/	/	/	/	/
Missile Accessories & Components	/	/	/	/	/	/	/
Surface Comms & Control Systems	/	/	/	/	/	/	/
Support & Launch Equipment	/	/	/	/	/	/	/
Total	/	/	/	/	/	/	/

ACTIVITY: M67004

MISSION AREA

1. Missiles

1.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on missiles. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

NONE

2. Amphibians

2.1 Identify the types of amphibious vehicles currently worked on at this MCLB.

Amphibious Vehicles

NOMENCLATURE	NSN
LIGHT ARMORED VEHICLE (LAV) 25MM GUN	2320-01-123-1602
LAV COMMAND	2320-01-123-1606
LAV MORTAR	2320-01-123-1607
LAV RECOVERY	2320-01-123-1608
LAV ANTI-TANK	2320-01-123-1609
LAV LOGISTICS	2320-01-123-1612
LAV BISON	2320-21-906-3883
LAV MOBILE ELECTRONIC WARFARE SUPPORT SYSTEM (MEWSS)	5865-01-236-4235
ASSAULT AMPHIBIOUS VEHICLE (AAV) COMMAND	2350-01-030-9087
AAV RECOVERY	2350-01-030-9088
AAV PERSONNEL	2350-01-031-8138

2. Amphibians, continued (REVISED 7/29/94 for BRAC 95, Data Call 43)

2.2 Identify the types of Amphibious Vehicles workload planned at this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 2.2.a: Predicted Amphibious Vehicle Workload

Amphibious Vehicle (types)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	531	537	537	537	537	537	537
Engines	21	48	48	48	48	48	48
Vehicle, Components & Accessories	725	892	904	924	924	924	924
Electronic & Communication Equipment	39	7	7	7	7	7	7
Armament	4	13	13	13	13	13	13
Support Equipment							
Other (Specify) *	56	42	42	42	42	42	42
Total	1,376	1,539	1,551	1,571	1,571	1,571	1,571

*** Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.**

<u>Footnote:</u> "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift". This guidance was provided by the BSAT.

2. Amphibians, continued

Table 2.2.b: Predicted Amphibious Vehicle Workload

Amphibious Vehicle (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	298.1	298.1	303.8	298.1	298.1	298.1	298.1
Engines	3.3	6.4	6.4	6.4	6.4	6.4	6.4
Vehicle, Components & Accessories	18.5	13.1	13.5	14.0	14.0	14.0	14.0
Electronic & Communication Equipment	1.3	.8	.8	.8	.8	.8	.8
Armament	.5	.3	.3	.3	.3	.3	.3
Support Equipment							
Other (Specify) *	12.9	10.0	10.0	10.0	10.0	10.0	10.0
Total	334.6	328.7	334.8	329.6	329.6	329.6	329.6

*** Includes miscellaneous items such as, Enhanced Applique Armor Kits (EAAK), Clutches, Sprockets, and access covers.**

<u>Footnote:</u> "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

2.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on amphibious vehicles. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

The Albany Maintenance Center's most unique and essential process is our "one-stop shop" operation. This concept of maintenance is the lifeblood of Marine Corps readiness. We can induct any piece of Marine Corps ground combat and combat support equipment and totally IROAN, rebuild, or repair and return it to our customer directly. For example, if a piece of equipment requires component repair/rebuild, or whatever, we remove that component from the end item; perform the required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing); and return that component to the end item from which it was removed, provided it was repairable. The equipment is then ready to be returned to its owner. Total maintenance -- one stop!

The Maintenance Center's ability to perform total, one-stop shop maintenance on every type of Marine Corps equipment, as well as related parts and components, is absolutely essential to the readiness of the Fleet Marine Force (FMF). Our proximity to the Maritime Prepositioning Force (MPF), Blount Island Command, Jacksonville, FL and Camp Lejeune,

2. Amphibians, continued

NC, together the largest concentration of Marine forces east of the Mississippi River, makes us a prime factor in terms of response time when national security is at risk. The Maintenance Center's maintenance capability, flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining FMF readiness.

The following is a list of essential unique facilities required to perform maintenance on amphibious vehicles:

Facility	Description
Vehicle Chassis Dynamometer Facility (4-Axle)	Indoor area which houses a 4-axle chassis dynamometer used to functionally road test the LAV family of vehicles under simulated road conditions.
Vehicle Test Tracks - one mile concrete oval, and dirt track	Used to conduct performance checks (Braking, steering, drive train, and power plant systems) during normal vehicle operation.
Engine Dynamometer Facility	Contains dynamometers used to independently test engine performance parameters.
Cross-Drive Transmission Dynamometer Facility	Houses a cross-drive transmission dynamometer which is used to test the transmissions used in tracked vehicles.
Fuel Calibration Facility	Houses equipment used to conduct diesel engine injection fuel pump testing and calibration.
25MM Chain Gun Test-Fire Range	Structure that permits live test firing of the LAV 25MM Chain Gun.
Hydraulic Test Facility	Indoor clean room area for repair/rebuild of hydraulic systems, parts, and components as well as complete testing prior to installation on vehicle.
Abrasive Blast Facility	Environmentally compliant state-of-the-art structure that permits year-round, indoor, centralized, abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast capabilities
Nondestructive Test (NDT) Facility	Building that contains fiber optic, ultrasonic, and X-ray inspection equipment.
Vehicle Load-Lift Test Facility	Outdoor area that contains weights used to load-test lifting devices such as those found on retriever-type vehicles.
Vehicle Winch Test Facility	Outdoor area with an in-ground load cell used to load test vehicle winches.
Tracked Vehicle Test Slopes (30 and 60 percent grades)	Outdoor area used to test tracked vehicle systems.
Amphibious Vehicle Test Pond (3.8 Million Gallons)	Outdoor area used to test hull integrity and propulsion system.
Chemical Agent Resistant Coating (CARC) Paint Facility	Environmentally compliant state-of-the-art structure that permits year-round, all weather, CARC painting operations.
TMDE Facility	Structure that houses calibration services for electrical/electronic, electro-mechanical, microwave, infantry weapons gages, and survey instrument equipment and Automatic Test Equipment (ATE).

2. Amphibians, continued

The following is a list of essential unique plant equipment required to perform maintenance on amphibious vehicles:

Plant Equipment	Description
Vehicle Chassis Dynamometer (4-Axle)	Designed, specifically for the LAV, to simulate road conditions and provide a road horsepower reading.
Engine Dynamometers	Two 250 horsepower (HP), two 500 HP, one 750 HP, and one 1500 HP dynamometer used to independently test engine performance parameters under simulated normal operating conditions.
Cross-Drive Transmission Dynamometer	Used to test tracked vehicle transmissions such as the M60 Tank, M88 Retriever, and AAV.
Fuel Calibration Equipment	Used to conduct injection fuel pump test and calibration on diesel engines.
Special Component Repair Equipment	Used to repair/test final drives, hydrostatic steer units, fire control components, electrical harnesses, electronic components etc.
Hydraulic Test Equipment	High-pressure hydraulic pumps, connectors, and fixtures that provide for repair/rebuild of hydraulic systems, parts, and components as well as complete testing prior to installation on vehicle.
Abrasive Blast Equipment	Environmentally compliant state-of-the-art abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast machinery.
NDT Equipment	Special equipment used to support magnetic particle, dye penetrant, X-ray, fiber optic, ultrasonic inspection.
Bridge Cranes	One 75-ton and one 30-ton with 5-ton auxiliary used to move heavy vehicles between workstations.
Chemical Agent Resistant Coating (CARC) Paint Equipment	Environmentally compliant state-of-the-art CARC painting equipment.
TMDE Equipment	Calibration standards used to calibrate mechanical devices such as torque wrenches, pressure gages, voltmeters, dial indicators etc. as well as electronic calibration of Automatic Test Equipment (ATE) and electronic systems/components which support maintenance of Combat Equipment.

2. Amphibians, continued

The following is a list of current technologies which we have in-house to meet present and future requirements for Fleet Marine Force (FMF) readiness. These technologies are required in support of amphibious vehicle maintenance.

Technologies
Metal Plating
Electro-Plating
Radiography
Ultrasonic
Fiber Optics
Amphibious/Tracked Vehicle Testing

The following is a list of skills necessary to perform maintenance on amphibious vehicles:

Electrical Equipment Repairer
Electronics Measurement Mechanic
Electroplating Worker
Industrial Engineering Technician
Optical Instrument Repairer
Electrical Engineering Technician
Heavy Mobile Equipment (HME) Welder
Painter
HME Sheetmetal Worker
HME Mechanic
HME Repairer
Machinist
Sandblaster
Sheetmetal Worker
Small Arms Repairer
Supply Technician
Tire Repairer

ACTIVITY: M67004

MISSION AREA

3. Combat Vehicles

3.1 Identify the types of combat vehicles currently worked on at this MCLB.

Combat Vehicles

NOMENCLATURE	NSN
UPGUN WEAPON STATION	1010-01-233-9493
P7 MINE LAUNCHER	1055-01-226-6338
M88A1 RECOVERY VEHICLE	2350-00-122-6826
M578 RECOVERY VEHICLE	2350-00-439-6242
M9 ARMORED COMBAT EARTHMOVER	2350-00-808-7100
M60A1 W/DOZER	2350-01-052-7373
M60A1 TANK	2350-01-059-1503
M1A1 ABRAMS TANK	2350-01-037-1095
M60A1 TANK W/AAK	2350-01-275-7484
M1A1 MINE PLOW	2590-01-230-8862
BRIDGE SCISSOR	5420-00-522-9599
M60 BRIDGE LAUNCHER	5420-00-889-2020

3. Combat Vehicles, continued (REVISED 7/29/94 for BRAC 95, Data Call 43)

3.2 Identify the types of Combat Vehicle workload planned for this MCLB for the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 3.2.a: Predicted Combat Vehicle Workload

Combat Vehicle (types)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	94	52	52	52	52	52	52
Engine	17	12	12	12	12	12	12
Vehicle, Components & Accessories	375	241	241	241	241	241	241
Electronic & Communication Equipment							
Armament	21						
Support Equipment	11	8	8	8	8	8	8
Other (Specify) *	1,524	1,525	1,525	1,525	1,525	1,525	1,525
Total	2,042	1,838	1,838	1,838	1,838	1,838	1,838

*** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.**

<u>Footnote:</u> "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

3. Combat Vehicles, continued

Table 3.2.b: Predicted Combat Vehicle Workload

Combat Vehicle (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	80.0	37.6	37.6	37.6	37.6	37.6	37.6
Engine	7.5	5.1	5.1	5.1	5.1	5.1	5.1
Vehicle, Components & Accessories	10.1	10.7	10.7	10.7	10.7	10.7	10.7
Electronic & Communication Equipment							
Armament	.4						
Support Equipment	7.5	1.5	1.5	1.5	1.5	1.5	1.5
Other (Specify) *	.9	2.8	2.8	2.8	2.8	2.8	2.8
Total	106.4	57.7	57.7	57.7	57.7	57.7	57.7

*** Includes miscellaneous items such as, mounting brackets, cell assemblies, and torsion bars.**

Footnote: "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

3. Combat Vehicles, continued

3.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on combat vehicles. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

The Albany Maintenance Center's most unique and essential process is our "one-stop shop" operation. This concept of maintenance is the lifeblood of Marine Corps readiness. We can induct any piece of Marine Corps ground combat and combat support equipment and totally IROAN, rebuild, or repair and return it to our customer directly. For example, if a piece of equipment requires component repair/rebuild, or whatever, we remove that component from the end item; perform the required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing); and return that component to the end item from which it was removed, provided it was repairable. The equipment is then ready to be returned to its owner. Total maintenance -- one stop!

The Maintenance Center's ability to perform total, one-stop shop maintenance on every type of Marine Corps equipment, as well as related parts and components, is absolutely essential to the readiness of the Fleet Marine Force (FMF). Our proximity to the Maritime Prepositioning Force (MPF), Blount Island Command, Jacksonville, FL and Camp Lejeune, NC, together the largest concentration of Marine forces east of the Mississippi River, makes us a prime factor in terms of response time when national security is at risk. The Maintenance Center's maintenance capability, flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining FMF readiness.

3. Combat Vehicles, continued

The following is a list of essential unique facilities required to perform maintenance on combat vehicles:

Facility	Description
Vehicle Chassis Dynamometer Facility (4-Axle)	Indoor area which houses a 4-axle chassis dynamometer.
Vehicle Test Tracks - one mile concrete oval, and dirt track	Used to conduct performance checks (Braking, steering, drive train, and power plant systems) during normal vehicle operation.
Engine Dynamometer Facility	Contains dynamometers used to independently test engine performance parameters.
Cross-Drive Transmission Dynamometer Facility	Houses a cross-drive transmission dynamometer.
Fuel Calibration Facility	Houses equipment used to conduct diesel engine injection fuel pump testing and calibration.
25MM Chain Gun Test-Fire Range	Structure that permits live test firing of the LAV 25MM Chain Gun.
Hydraulic Test Facility	Indoor clean room area for repair/rebuild of hydraulic systems, parts, and components as well as complete testing prior to installation on vehicle.
Abrasive Blast Facility	Environmentally compliant state-of-the-art structure that permits year-round, indoor, centralized, abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast capabilities.
Nondestructive Test (NDT) Facility	Building that contains fiber optic, ultrasonic, and X-ray inspection equipment.
Vehicle Load-Lift Test Facility	Outdoor area that contains weights used to load-test lifting devices such as those found on retriever-type vehicles.
Vehicle Winch Test Facility	Outdoor area with an in-ground load cell used to load test vehicle winches.
Tracked Vehicle Test Slopes (30 and 60 percent grades)	Outdoor area used to test tracked vehicle systems.
Amphibious Vehicle Test Pond (3.8 Million Gallons)	Outdoor area used to test hull integrity and propulsion system.
Chemical Agent Resistant Coating (CARC) Paint Facility	Environmentally compliant state-of-the-art structure that permits year-round, all weather, CARC painting operations.
TMDE Facility	Structure that houses calibration services for electrical/electronic, electro-mechanical, microwave, infantry weapons gages, and survey instrument equipment and Automatic Test Equipment (ATE).

3. Combat Vehicles, continued

The following is a list of essential unique plant equipment required to perform maintenance on combat vehicles:

Plant Equipment	Description
Vehicle Chassis Dynamometer (4-Axle)	Designed, specifically for the LAV, to simulate road conditions and provide a road horsepower reading.
Engine Dynamometers	Two 250 horsepower (HP), two 500 HP, one 750 HP, and one 1500 HP dynamometer used to independently test engine performance parameters under simulated normal operating conditions.
Cross-Drive Transmission Dynamometer	Used to test tracked vehicle transmissions such as the M60 Tank, M88 Retriever, and AAV.
Fuel Calibration Equipment	Used to conduct injection fuel pump test and calibration on diesel engines.
Special Component Repair Equipment	Used to repair/test final drives, hydrostatic steer units, fire control components, electrical harnesses, electronic components etc.
Hydraulic Test Equipment	High-pressure hydraulic pumps, connectors, and fixtures that provide for repair/rebuild of hydraulic systems, parts, and components as well as complete testing prior to installation on vehicle.
Abrasive Blast Equipment	Environmentally compliant state-of-the-art abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast machinery.
NDT Equipment	Special equipment used to support magnetic particle, dye penetrant, X-ray, fiber optic, ultrasonic inspection.
Bridge Cranes	One 75-ton and one 30-ton with 5-ton auxiliary used to move heavy vehicles between workstations.
Chemical Agent Resistant Coating (CARC) Paint Equipment	Environmentally compliant state-of-the-art CARC painting equipment.
TMDE Equipment	Calibration standards used to calibrate mechanical devices such as torque wrenches, pressure gages, voltmeters, dial indicators etc. as well as electronic calibration of Automatic Test Equipment (ATE) and electronic systems/components which support maintenance of Combat Equipment.

3. Combat Vehicles, continued

The following is a list of current technologies which we have in-house to meet present and future requirements for Fleet Marine Force (FMF) readiness. These technologies are required in support of combat vehicle maintenance.

Technologies
Metal Plating
Electro-Plating
Radiography
Ultrasonic
Fiber Optics

The following is a list of skills necessary to perform maintenance on combat vehicles:

Electrical Equipment Repairer
Electronics Measurement Mechanic
Electroplating Worker
Industrial Engineering Technician
Optical Instrument Repairer
Electrical Engineering Technician
Heavy Mobile Equipment (HME) Welder
Painter
HME Sheetmetal Worker
HME Mechanic
HME Repairer
Machinist
Sandblaster
Small Arms Repairer
Tire Repairer

ACTIVITY: M67004

MISSION AREA

4. Automotive Equipment

4.1 Identify the types of automotive equipment currently worked at this MCLB.

There are no automotive equipment requirements.

4.2 Identify the types of Automotive Equipment workload planned for this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 4.2.a: Predicted Automotive Vehicle Workload

Automotive Equipment (types)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, and Installed Systems							
Engine							
Vehicle & Engine Components & Accessories							
Electronic & Communication Equipment							
Armament							
Support Equipment							
Other (Specify)							
Total							

4. Automotive Equipment, continued

Table 4.2.b: Predicted Automotive Vehicle Workload

Automotive Equipment (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, and Installed Systems							
Engine							
Vehicle & Engine Components & Accessories							
Electronic & Communication Equipment							
Armament							
Support Equipment							
Other (Specify)							
Total							

4.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on automotive equipment. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

MISSION AREA

5. Tactical Vehicles

5.1 Identify the types of tactical vehicles currently worked at this MCLB.

Tactical Vehicles

NOMENCLATURE	NSN
SHOP SET (CONTACT) CUCV	4940-00-495-0118
SHOP SET (WELDER) CUCV	4930-01-208-6400
M-353 TRL	2330-00-542-2831
MK-48 LVS(PWR UNIT)	2320-01-177-5167
M-970 REFUELER	2330-01-050-5635
M-870A1 40 TON TRL	2330-01-224-9245
M-349 SEMI TRL	2330-00-892-5057
SHOP SET (M-109)	4910-00-647-1187
M-101A1 TRL	2330-00-898-6779
M-105A2 TRL	2330-00-141-8050
MK-14 LVS TRL	2320-01-176-0469
MK-15 LVS WRECKER	2320-01-176-6928
MK-16 LVS 5TH WHEEL	2320-01-176-0467
MK-17 LVS(REAR BOOM)	2320-01-176-0468
M-149A2 WATER TRL	2330-01-108-7367
M-1010(CUCV)	2310-01-123-2666
M-1035(HMMWV)	2310-01-146-7194
M-1008A1(CUCV)	2320-01-123-6827
M-813A1 CARGO TRK	2320-00-050-8913
M-925 CARGO TRK	2320-01-047-8769
M-923 CARGO TRK	2320-01-050-2084
M-925A1 CARGO TRK	2320-01-206-4088
M-923A1 CARGO TRK	2320-01-206-4087
M-927A1 CARGO TRK (LWB)	2320-01-206-4089
M-928A1 CARGO TRK (LWB)	2320-01-206-4090
P-19A CRASH,FIRE & RESCUE TRK	4210-01-137-9943
M-817 DUMP TRK W/WINCH	2320-00-051-0589
M-817 DUMP TRK WO/WINCH	2320-00-050-8970
M-929 DUMP TRK WO/WINCH	2320-01-047-8756
M-930 DUMP TRK W/WINCH	2320-01-047-8755
M-1028 CUCV W/2-AGENT FIRE TRK	4210-01-259-4609
M-530CB CRASH,FIRE.& RESCUE TRK	4210-00-393-0349
M-530CS CRASH,FIRE,& RESCUE TRK	4210-01-062-3249
M-1028 CUCV SHELTER CARRIER	2320-01-127-5077
M-49A2C FUEL TRK	2320-00-077-1632
M-50A2 WATER TRK	2320-00-077-1633
M-1046 HMMWV TOW W/WINCH	2320-01-146-7188
M-1045 HMMWV TOW WO/WINCH	2320-01-146-7191
M-931 TRK TRAC WO/W	2320-01-047-8753
M-931A1 TRK TRAC	2320-01-206-4077
M-998 HMMWV	2320-01-107-7155
M-1038 HMMWV	2320-01-107-7156
M-1043 HMMWV ARMAMENT CARRIER	2320-01-146-7190
M-109A3 TRK VAN	2320-00-933-7525
M-936 TRK WRECKER	2320-01-047-8754
M-936A1 TRK WRECKER	2320-01-206-4078
M-816 TRK WRECKER	2320-00-051-0489
M-750 SEMI-TLR VAN	2330-00-926-7035
M-313 SEMI-TRL(VAN)	2330-00-772-5273
RUNWAY SWEEPER	3825-01-136-2920

5. Tactical Vehicles, continued (REVISED 7/29/94 for BRAC 95, Data Call 43)

5.2 Identify the types of Tactical Vehicle workload planned for this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 5.2.a: Predicted Tactical Vehicles Workload

Tactical Vehicles (types)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	2,886	2,753	2,836	2,988	3,300	3,300	3,300
Engine	107	152	152	152	152	152	152
Vehicle & Engine Components & Accessories	979	975	980	980	980	980	980
Electronic & Communication Equipment							
Armament							
Support Equipment							
Other (Specify) *	13	111	111	111	111	111	111
Total	3,985	3,991	4,079	4,231	4,543	4,543	4,543

*** Includes miscellaneous items such as, dead axles (MK-48).**

<u>Footnote:</u> "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

5. Tactical Vehicles, continued

Table 5.2.b: Predicted Tactical Vehicles Workload

Tactical Vehicles (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	366.0	487.3	526.0	599.5	666.2	666.2	666.2
Engine	4.6	6.5	6.5	6.5	6.5	6.5	6.5
Vehicle & Engine Components & Accessories	19.7	4.3	4.7	4.7	4.7	4.7	4.7
Electronic & Communication Equipment							
Armament							
Support Equipment							
Other (Specify) *	1.1	1.7	1.7	1.7	1.7	1.7	1.7
Total	391.4	499.8	538.9	612.4	679.1	679.1	679.1

*** Includes miscellaneous items such as, dead axles (MK-48).**

Footnote: "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

5. Tactical Vehicles, continued

5.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on tactical vehicles. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

The Albany Maintenance Center's most unique and essential process is our "one-stop shop" operation. This concept of maintenance is the lifeblood of Marine Corps readiness. We can induct any piece of Marine Corps ground combat and combat support equipment and totally IROAN, rebuild, or repair and return it to our customer directly. For example, if a piece of equipment requires component repair/rebuild, or whatever, we remove that component from the end item; perform the required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing); and return that component to the end item from which it was removed, provided it was repairable. The equipment is then ready to be returned to its owner. Total maintenance -- one stop!

The Maintenance Center's ability to perform total, one-stop shop maintenance on every type of Marine Corps equipment, as well as related parts and components, is absolutely essential to the readiness of the Fleet Marine Force (FMF). Our proximity to the Maritime Prepositioning Force (MPF), Blount Island Command, Jacksonville, FL, and Camp Lejeune, NC, together the largest concentration of Marine forces east of the Mississippi River, makes us a prime factor in terms of response time when national security is at risk. The Maintenance Center's maintenance capability, flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining FMF readiness.

5. Tactical Vehicles, continued

The following is a list of essential unique facilities required to perform maintenance on tactical vehicles:

Facility	Description
Vehicle Chassis Dynamometer Facility (3-Axle)	Indoor area which houses a 3-axle chassis dynamometer.
Vehicle Test Tracks - one mile concrete oval, and dirt track	Used to conduct performance checks (Braking, steering, drive train, and power plant systems) during normal vehicle operation.
Engine Dynamometer Facility	Contains dynamometers used to independently test engine performance parameters.
In-Line Transmission Dynamometer Facility	Houses an in-line transmission dynamometer.
Fuel Calibration Facility	Houses equipment used to conduct diesel engine injection fuel pump testing and calibration.
Undercoating Facility	Houses an area that permits undercoating of vehicle undercarriages.
Hydraulic Test Facility	Indoor clean room area for repair/rebuild of hydraulic systems, parts, and components as well as complete testing prior to installation on vehicle.
Abrasive Blast Facility	Environmentally compliant state-of-the-art structure that permits year-round, indoor, centralized, abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast capabilities.
Nondestructive Test (NDT) Facility	Building that contains fiber optic, ultrasonic, and X-ray inspection equipment.
Chemical Agent Resistant Coating (CARC) Paint Facility	Environmentally compliant state-of-the-art structure that permits year-round, all weather, CARC painting operations.
Test, Measurement, and Diagnostic Equipment (TMDE) Facility	Structure that houses calibration services for electrical/electronic, electro-mechanical, microwave, infantry weapons gages, and survey instrument equipment and Automatic Test Equipment (ATE) design/development.

5. Tactical Vehicles, continued

The following is a list of essential unique plant equipment required to perform maintenance on tactical vehicles:

Plant Equipment	Description
Vehicle Chassis Dynamometer (3-Axle)	Designed to simulate road conditions and provide a road horsepower reading
Engine Dynamometers	Two 250 horsepower (HP), two 500 HP, one 750 HP, and one 1500 HP dynamometer used to independently test engine performance parameters under simulated normal operating conditions.
In-Line Transmission Dynamometer	Used to test conventional transmissions in all wheeled vehicles.
Fuel Calibration Equipment	Used to conduct injection fuel pump test and calibration on diesel engines.
Undercoating Equipment	Special spray guns, pumps, and storage containers that permits the application of undercoating to the vehicle undercarriages.
Hydraulic Test Equipment	High-pressure hydraulic pumps, connectors, and fixtures that provide for repair/rebuild of hydraulic systems, parts, and components as well as complete testing prior to installation on vehicle.
Abrasive Blast Equipment	Environmentally compliant state-of-the-art abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast machinery.
NDT Equipment	Special equipment used to support magnetic particle, dye penetrant, X-ray, fiber optic, ultrasonic inspection.
Chemical Agent Resistant Coating (CARC) Paint Equipment	Environmentally compliant state-of-the-art CARC painting equipment.
TMDE Equipment	Calibration standards used to calibrate mechanical devices such as torque wrenches, pressure gages, voltmeters, dial indicators etc. which support maintenance of automotive equipment.

The following is a list of current technologies which we have in-house to meet present and future requirements for Fleet Marine Force (FMF) readiness. These technologies are required in support of tactical vehicle maintenance.

Technologies
Metal Plating
Electro-Plating
Radiography
Ultrasonic
Fiber Optics

5. Tactical Vehicles, continued

The following is a list of skills necessary to perform maintenance on tactical vehicles:

Electrical Equipment Repairer
Electronics Measurement Mechanic
Electroplating Worker
Industrial Engineering Technician
Electrical Engineering Technician
Heavy Mobile Equipment (HME) Welder
Painter
HME Sheetmetal Worker
HME Mechanic
HME Repairer
Machinist
Sandblaster
Tire Repairer

ACTIVITY: M67004

MISSION AREA

6. Construction Equipment

6.1 Identify the types of construction equipment currently worked on at this MCLB.

Construction Equipment

NOMENCLATURE	NSN
BOAT BRIDGE	1940-01-218-9165
TRACTOR WHEELED	2420-01-160-2754
SCRAPER EARTHMOVER	3805-01-153-1854
CONTAINER HANDLER	3930-01-269-4938
PUMP UNIT MUDHOG	4320-00-407-2582
EXCAVATOR HYD	3805-01-093-9492
CONT HNLD LT WT	3920-01-143-9607
TRACTOR D7G	2410-01-155-1588
WELDLING MACHINE	3431-01-153-9585
LOADER SCOOP	3805-00-140-2427
FORKLIFT ROUGH TERRAIN	3930-01-275-6420
TRUCK FORKLIFT	3930-01-082-3758
LULL FORKLIFT 10K	3930-01-305-2111
TRACTOR FULL TRACK	2410-01-254-1667
WATER PUMP 350 GPM	4320-01-158-2954
DROTT CRANE 30 TON	3810-01-025-4782
SCOOP LOADER FUEL TRK	3805-01-315-1091
MIXER CONCRETE	3895-01-294-8235
ROLLER MOTORIZED	3895-01-135-3703

6. Construction Equipment, continued (REVISED 7/29/94 for BRAC 95, Data Call 43)

6.2 Identify the types of Construction Equipment workload planned for this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 6.2.a: Predicted Construction Equipment Workload

Construction Equipment (types)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	584	458	492	492	485	485	485
Engine	27						
Vehicle & Engine Components & Accessories	49	51	51	51	51	51	51
Other (Specify)							
Total	660	509	543	543	536	536	536

Footnote: "Total MC3 Workload Data is provided (including overtime) and s not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Table 6.2.b: Predicted Construction Equipment Workload (Revised 7/29/94)

Construction Equipment (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Hull / Body, Frame, & Installed Systems	62.0	24.1	67.1	67.1	54.3	54.3	54.3
Engine	.3						
Vehicle & Engine Components & Accessories	1.2	.4	.4	.4	.4	.4	.4
Other (Specify)							
Total	63.5	24.5	67.5	67.5	54.7	54.7	54.7

Footnote: "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

6. Construction Equipment, continued

6.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on construction equipment. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

The Albany Maintenance Center's most uniquely and essential process is our "one-stop shop" operation. This concept of maintenance is the lifeblood of Marine Corps readiness. We can induct any piece of Marine Corps ground combat and combat support equipment and totally IROAN, rebuild, or repair and return it to our customer directly. For example, if a piece of equipment requires component repair/rebuild, or whatever, we remove that component from the end item; perform the required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing); and return that component to the end item from which it was removed, provided it was repairable. The equipment is then ready to be returned to its owner. Total maintenance -- one stop!

The Maintenance Center's ability to perform total, one-stop shop maintenance on every type of Marine Corps equipment, as well as related parts and components, is absolutely essential to the readiness of the Fleet Marine Force (FMF). Our proximity to the Maritime Prepositioning Force (MPF), Blount Island Command, Jacksonville, FL and Camp Lejeune, NC, together the largest concentration of Marine forces east of the Mississippi River, makes us a prime factor in terms of response time when national security is at risk. The Maintenance Center's maintenance capability, flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining FMF readiness.

6. Construction Equipment, continued

The following is a list of essential unique facilities required to perform maintenance on Construction Equipment:

Facility	Description
Vehicle Test Tracks - one mile concrete oval, and dirt track	Used to conduct performance checks (Braking, steering, drive train, and power plant systems) during normal vehicle operation.
Engine Dynamometer Facility	Contains dynamometers used to independently test engine performance parameters.
In-Line Transmission Dynamometer Facility	Houses an in-line transmission dynamometer.
Fuel Calibration Facility	Houses equipment used to conduct diesel engine injection fuel pump testing and calibration.
Hydraulic Test Facility	Indoor clean room area for repair/rebuild of hydraulic systems, parts, and components as well as complete testing prior to installation on vehicle.
Nondestructive Test (NDT) Facility	Building that contains fiber optic, ultrasonic, and X-ray inspection equipment.
Abrasive Blast Facility	Environmentally compliant state-of-the-art structure that permits year-round, indoor, centralized, abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast capabilities.
Chemical Agent Resistant Coating (CARC) Paint Facility	Environmentally compliant state-of-the-art structure that permits year-round, all weather, CARC painting operations.
Test, Measurement, and Diagnostic Equipment (TMDE) Facility	Structure that houses calibration services for electrical/electronic, electro-mechanical, microwave, infantry weapons gages, and survey instrument equipment and Automatic Test Equipment (ATE).

6. Construction Equipment, continued

The following is a list of essential unique plant equipment required to perform maintenance on Construction Equipment:

Plant Equipment	Description
Engine Dynamometers	Two 250 horsepower (HP), two 500 HP, one 750 HP, and one 1500 HP dynamometer used to independently test engine performance parameters under simulated normal operating conditions.
In-Line Transmission Dynamometer	Used to test conventional transmissions in all wheeled vehicles.
Fuel Calibration Equipment	Used to conduct injection fuel pump test and calibration on diesel engines.
Hydraulic Test Equipment	High-pressure hydraulic pumps, connectors, and fixtures that provide for repair/rebuild of hydraulic systems, parts, and components as well as complete testing prior to installation on vehicle.
NDT Equipment	Special equipment used to support magnetic particle, dye penetrant, X-ray, fiber optic, ultrasonic inspection.
Abrasive Blast Equipment	Environmentally compliant state-of-the-art abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast machinery.
Chemical Agent Resistant Coating (CARC) Paint Equipment	Environmentally compliant state-of-the-art CARC painting equipment.
TMDE Equipment	Calibration standards used to calibrate mechanical devices such as torque wrenches, pressure gages, voltmeters, dial indicators etc. which support maintenance of Construction Equipment.

6. Construction Equipment, continued

The following is a list of current technologies which we have in-house to meet present and future requirements for Fleet Marine Force (FMF) readiness. These technologies are required in support of tactical vehicle maintenance.

Technologies
Metal Plating
Electro-Plating
Radiography
Ultrasonic
Fiber Optics

The following is a list of skills necessary to perform maintenance on tactical vehicles:

Electrical Equipment Repairer
Electronics Measurement Mechanic
Electroplating Worker
Industrial Engineering Technician
Electrical Engineering Technician
Heavy Mobile Equipment (HME) Welder
Painter
HME Sheetmetal Worker
HME Mechanic
HME Repairer
Machinist
Sandblaster
Tire Repairer

ACTIVITY: M67004

MISSION AREA

7. Electronic and Communications Systems

7.1 Identify the types of electronic and communications systems currently worked on at this MCLB.

NOMENCLATURE	NSN
RADIO, AN/GRC-201	5820-01-040-0065
RADAR, AN/TPS-63	5840-01-020-5631
RADAR, AN/UPA-60	5895-00-044-3235
RADIO SET, AN/MRC135A	5895-01-235-2747
RADIO, AN/MRC-110A	5820-01-234-7128
COMM SYSTEM, AN/UYQ-3A	5895-01-110-6585
RADIO SET, AN/MRC-140	5895-01-269-0122
RADIO, AN/MRC-138A	5820-01-234-7129
RADAR, AN/TPS-65	5840-01-146-3770
COMM SYSTEM, AN/MSQ-115	5895-01-170-6462
TELEPHONE, TA-838	5805-00-124-8678
COMM WIRE, TA-937	5805-00-339-3151
RADIO SET, AN/GRC-160	5820-00-223-7473
PUBLIC ADDRESS, AN/UIQ-10	5830-01-030-4220
RADIO, AN/PRC41A	5820-00-104-0351
RADIO, AN/PRC41	5820-00-889-3997
RADIO, AN/GRC-193A	5820-01-133-4195
RADIO, AN/PRC-68A	5820-01-180-8943
RADIO, AN/GRC213A(V)1	5820-01-262-9548
RADIO, AN/VRC-47	5820-00-223-7434
SWITCHBOARD, SB-3865	5805-01-187-9399
SWITCHBOARD, SB-3614	5805-01-032-1694
AMPLIFIER RF, AM-7238/SINCGARS	5895-01-195-4844
AMPLIFIER ADAPTER, AM-7239/SINCGARS	5895-01-188-8819
CONTROL-MONITOR, C-11291/SINCGARS	5820-01-151-8914
RECEIVER/TRANS, RT-1523/SINCGARS	5895-01-234-8093
TOOL KIT, ELECTRONICS/SINCGARS	5895-01-355-7876
SWITCHBOARD, SB-22	5805-00-715-6171
RADIO SET, AN/PRC-77	5820-00-930-3724
MAP GENERATION UNIT	5895-01-146-6737
RADIO, AN/PRC-104	5820-01-027-9071
RADIO, AN/PRC-68	5820-01-079-9260
RADIO, AN/PRC104A	5820-01-141-7953
RADIO, AN/PRC-68B HB	5820-01-248-2852
RADIO, AN/PRC-104B(V)4	5820-01-262-9550
SWITCHBOARD, SB-4097	5895-01-102-2100
TELEPHONE, TA-838A	5805-01-125-5976
RADIO SET, AN/GRC-193	5820-01-067-8359
POWER SUPPLY, PP-7332	6130-01-097-3942
RADIO, AN/PRC-68B	5820-01-179-7027
RADIO, AN/GRC213	5820-01-128-3935
COMPUTER, AN/PSC-2	5895-01-258-0466
RADIO, AN/GRC-193B(V)1	5820-01-262-9546
SWITCHBOARD, SB-3614 AVT	5805-01-216-0887

7. Electronic and Communications Systems, continued

7.2 Identify the types Electronic and Communications systems workload planned for this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 7.2.a: Predicted Electronics and Communications Workload

(Revised 7/29/94)

Electronic and Communications Systems (types)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	4,960	6,506	6,640	6,367	6,594	6,594	6,594
Radar Units	249	193	198	197	197	197	197
Wire & Communication	3,660	1,887	1,889	1,072	1,065	1,065	1,065
Electronic Warfare							
Navigational Aids							
Electro-Optics/ Night Vision	199	311	311	311	211	211	211
Satellite Control / Space Sensors							
Other (Specify) *	122	515	515	507	507	507	507
Total	9,190	9,412	9,553	8,454	8,574	8,574	8,574

*** Includes miscellaneous items such as, power supplies, amplifiers, and computers.**

<u>Footnote:</u> "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

7. Electronic and Communications Systems, continued

Table 7.2.b: Predicted Electronics and Communications Workload

Electronic and Communications Systems (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Radio Units	89.7	99.7	100.6	72.5	99.0	99.0	99.0
Radar Units	32.3	24.8	30.5	23.0	23.0	23.0	23.0
Wire & Communication	34.1	18.9	18.7	13.1	11.9	11.9	11.9
Electronic Warfare							
Navigational Aids							
Electro-Optics/ Night Vision	1.4	2.0	2.0	2.0	1.4	1.4	1.4
Satellite Control / Space Sensors							
Other (Specify) *	1.6	3.0	3.0	2.6	2.6	2.6	2.6
Total	159.1	148.4	154.8	113.2	137.9	137.9	137.9

*** Includes miscellaneous items such as, power supplies, amplifiers, and computers.**

Footnote: "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

7.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on communication and electronic equipment. Highlight those capabilities within your activity which are "one of a kind" within the DON/DoD.

The Albany Maintenance Center's most unique and essential process is our "one-stop shop" operation. This concept of maintenance is the lifeblood of Marine Corps readiness. We can induct any piece of Marine Corps ground combat and combat support equipment and totally IROAN, rebuild, or repair and return it to our customer directly. For example, if a piece of equipment requires component repair/rebuild, or whatever, we remove that component from the end item; perform the required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing); and return that component to the end item from which it was removed, provided it was repairable. The equipment is then ready to be returned to its owner. Total maintenance -- one stop!

The Maintenance Center's ability to perform total, one-stop shop maintenance on every type of Marine Corps equipment, as well as related parts and components, is absolutely essential to the readiness of the Fleet Marine Force (FMF). Our proximity to the Maritime Prepositioning Force (MPF), Blount Island Command, Jacksonville, FL and Camp Lejeune, NC, together the largest concentration of Marine forces east of the Mississippi River, makes us a prime factor in terms of response time when national security is at risk. The Maintenance Center's maintenance capability. flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining FMF readiness.

7. Electronic and Communications Systems, continued

The following is a list of essential unique facilities required to perform maintenance on Comm/Elect Equipment:

Facility	Description
Electronics Repair Facility	Indoor area which houses test, repair, and development facilities for electronic systems/ components such as, receivers/transmitters, circuit cards (digital/analog), software, hardware, and power supplies.
Abrasive Blast Facility	Environmentally compliant state-of-the-art structure that permits year-round, indoor, centralized, abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast capabilities.
Chemical Agent Resistant Coating (CARC) Paint Facility	Environmentally compliant state-of-the-art structure that permits year-round, all weather, CARC painting operations.
TMDE Facility	Structure that houses calibration services for electrical/electronic, electro-mechanical, microwave, infantry weapons gages, and survey instrument equipment and Automatic Test Equipment (ATE).

7. Electronic and Communications Systems, continued

The following is a list of essential unique plant equipment required to perform maintenance on Comm/Elect Equipment:

Plant Equipment	Description
Automatic Transceiver Test Equipment	Used to test all Comm/Elect receiver/transmitters.
Agile Automatic Transceiver Test Equipment	Frequency hopper used to test all Comm/Elect receiver/transmitters.
Automatic Power Supply Test Equipment	Used to test all Comm/Elect power supplies.
Automatic Digital Card Test Equipment	Self Explanatory
Automatic Analog Card Test Equipment	Self Explanatory
Test Program Set (TPS) Development Equipment	Used to develop test software and hardware.
Automatic Test System Equipment for the SB-3614 Switchboard	Specifically designed for SB-3614 circuit card and end item testing.
Radar Test Equipment	Used to test radar systems during repair/rebuild.
EPROM Programming Equipment	Used to set parameters on blank computer chips.
Alpha, Beta, Gamma Measurement/Calibration Equipment	Standards used to calibrate test equipment.
RADIAC Calibration Equipment	Used to calibrate radiation detecting equipment.
Test Equipment for Unit Level Circuit Switch (ULCS)	Used to test SB-3865 and TTC-42 shelter components.
	Communications Security (Crypto) Equipment
Abrasive Blast Equipment	Environmentally compliant state-of-the-art abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast machinery.
Chemical Agent Resistant Coating (CARC) Paint Equipment	Environmentally compliant state-of-the-art CARC painting equipment.
TMDE Equipment	Calibration standards used to calibrate mechanical/electronic devices which support maintenance of Comm/Elect equipment.

7. Electronic and Communications Systems, continued

The following is a list of current technologies which we have in-house to meet present and future requirements for Fleet Marine Force (FMF) readiness. These technologies are required in support of electronic and communications system maintenance.

Technologies
Metal Plating
Automatic Testing
Component Testing
Programming
RADIAC Calibration
Digital Testing
Microminiature Repair
Fiber Optics

The following is a list of skills necessary to perform maintenance on tactical vehicles:

Electrical Equipment Repairer
Electronics Measurement Mechanic
Electroplating Worker
Industrial Engineering Technician
Electrical Engineering Technician
Heavy Mobile Equipment (HME) Welder
Painter
HME Sheetmetal Worker
HME Mechanic
HME Repairer
Machinist
Sandblaster
Tire Repairer

ACTIVITY: M67004

MISSION AREA

8. Ordnance, Weapons and Munitions

8.1 Identify the types of ordnance, weapons and munitions currently worked at this MCLB.

NOMENCLATURE	NSN
M65 BATTERY COMM SCOPE	1240-00-678-5577
AIMING CIRCLE M2A2	1290-01-067-0687
AN/PVS-5 N SIGHT	5855-00-150-1820
AN-PVS-4 N SIGHT	5855-00-629-5334
M49 TELESCOPE	6650-00-530-0960
M240 MACHINE GUN	1005-01-025-8095
MOSSBERG 590 SHOT GUN	1005-01-251-8578
M870 12 GAGE SHOT GUN	1005-01-065-8989
M29A1 81MM MORTAR	1015-00-840-1836
M101 HOWITZER	1015-00-322-9752
M198 HOWITZER	1025-01-026-6648
MACHINE GUN M60E3	1005-01-169-7019
M249 MACHINE GUN.	1005-01-127-7510
M16A2 RIFLE	1005-01-128-9936
GRENADE LAUNCHER	1010-00-691-1382
PISTOL 9MM	1005-01-118-2640
ASSAULT (SMAW)	1055-01-164-4608
MORTAR,60MM M224	1010-01-020-5626
CHAIN GUN 25MM	1005-01-086-1400
MORTAR M252 81MM	1015-01-164-6651
M1911A1 45 CALIBER	1005-00-726-5655
M2 MACHINE G.50 CAL	1005-00-957-3893
M1A1 GUNNER QUADRANT	1290-00-091-9999
M1A2 GUNNER QUADRANT	1290-00-169-1937
AN/PVS-7 NIGHT VISION	5855-01-228-0937

8. Ordnance, Weapons and Munitions, continued

8.2 Identify the types of ordnance, weapons and munition workload planned for this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 8.2.a: Predicted Weapons, Ordnance and Munitions Workload (Revised 7/29/94)

Ordnance, Weapons & Munitions (types)	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons							
Chemical & Bacteriological Weapons							
Artillery & Guns	367	350	350	350	347	347	347
Small Arms	17,484	13,589	13,542	13,554	13,554	13,554	13,554
Conventional Arms & Explosives	81	19	19	19	19	19	19
Other (specify)	117	111	111	111	126	126	126
Total	18,049	14,069	14,022	14,034	14,046	14,046	14,046

*** Includes miscellaneous items such as telescopes, aiming circles, and headspace gauges.**

<u>Footnote:</u> "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Table 8.2.b: Predicted Weapons, Ordnance and Munitions Workload

Ordnance, Weapons & Munitions (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Nuclear Weapons							
Chemical & Bacteriological Weapons							
Artillery & Guns	5.0	6.4	6.4	6.4	5.1	5.1	5.1
Small Arms	136.6	109.9	158.9	158.9	158.9	158.9	158.9
Conventional Arms & Explosives	1.2	.3	.3	.3	.3	.3	.3
Other (specify) *	.5	.4	.4	.4	.7	.7	.7
Total	143.3	117.0	166.0	166.0	165.0	165.0	165.0

*** Includes miscellaneous items such as, telescopes, aiming circles, and headspace gages.**

<u>Footnote:</u> "Total MC3 Workload Data is provided (including overtime) and is not

adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

8. Ordnance, Weapons and Munitions, continued

8.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on ordnance, weapons and munitions equipment. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

The Albany Maintenance Center's most unique and essential process is our "one-stop shop" operation. This concept of maintenance is the lifeblood of Marine Corps readiness. We can induct any piece of Marine Corps ground combat and combat support equipment and totally IROAN, rebuild, or repair and return it to our customer directly. For example, if a piece of equipment requires component repair/rebuild, or whatever, we remove that component from the end item; perform the required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing); and return that component to the end item from which it was removed, provided it was repairable. The equipment is then ready to be returned to its owner. Total maintenance -- one stop!

The Maintenance Center's ability to perform total, one-stop shop maintenance on every type of Marine Corps equipment, as well as related parts and components, is absolutely essential to the readiness of the Fleet Marine Force (FMF). Our proximity to the Maritime Prepositioning Force (MPF), Blount Island Command, Jacksonville, FL and Camp Lejeune, NC, together the largest concentration of Marine forces east of the Mississippi River, makes us a prime factor in terms of response time when national security is at risk. The Maintenance Center's maintenance capability, flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining FMF readiness.

8. Ordnance, Weapons and Munitions, continued

The following is a list of essential unique facilities required to perform maintenance on Ordnance, Weapons, and Munitions equipment:

Facility	Description
Weapons Repair Facility	Indoor area that houses weapons repair operations for those listed in paragraph 8.1.
100 Meter Test-Fire Facility	Structure houses indoor target range for live fire testing to include function firing and accuracy firing.
25 Meter Test-Fire Facility	Structure houses indoor target range for live fire testing to include function firing and accuracy firing.
LAV-25, 25MM Chain Gun Test-Fire Facility	Structure houses indoor target range for live test-firing of the LAV-25, 25MM chain gun which can be test-fired in vehicle or from a fixture.
Cleaning/Coating Facility	In-shop cleaning/coating corrosion control facilities.
TMDE Facility	Structure that houses calibration services for electrical/electronic, electro-mechanical, microwave, infantry weapons gages, and survey instrument equipment and Automatic Test Equipment (ATE).

8. Ordnance, Weapons and Munitions, continued

The following is a list of essential unique plant equipment required to perform maintenance on Ordnance, Weapons, and Munitions group equipment:

Plant Equipment	Description
Weapons Repair Equipment	Equipment used to support disassembly, cleaning, repair/replacement, inspection, assembly, and testing of weapons listed in paragraph 8.1.
100 Meter Test-Fire Equipment	Structure houses indoor target range for live fire testing to include function firing and accuracy firing.
25 Meter Test-Fire Equipment	Indoor target range and fixtures to support live test-firing to include function firing and accuracy firing.
LAV-25, 25MM Chain Gun Test-Fire Equipment	Indoor target range and fixtures to support live test-firing of the LAV-25, 25MM chain gun which can be test-fired in vehicle or from a fixture.
Cleaning/Coating Equipment	In-shop cleaning/coating equipment for the purpose of corrosion control.
TMDE Equipment	Calibration equipment for electrical/electronic, electro-mechanical, microwave, infantry weapons gages, survey instrument equipment, and Automatic Test Equipment (ATE) calibration.

The following is a list of current technologies which we have in-house to meet present and future requirements for Fleet Marine Force (FMF) readiness. These technologies are required in support of ordnance, weapons, and munitions maintenance.

Technologies
Metal Plating
Electro-Plating
Radiography
Ultrasonic
Fiber Optics
Small Arms Weapons Testing

8. Ordnance, Weapons and Munitions, continued

The following is a list of skills necessary to perform maintenance on ordnance, weapons, and munitions equipment.

Optical Instrument Repairer
Electrical Equipment Repairer
Electronics Measurement Mechanic
Electroplating Worker
Industrial Engineering Technician
Electrical Engineering Technician
Heavy Mobile Equipment (HME) Welder
Painter
HME Sheetmetal Worker
HME Mechanic
HME Repairer
Machinist
Sandblaster
Tire Repairer

MISSION AREA

9. General Purpose Equipment

9.1 Identify the types of general purpose equipment currently worked on at this MCLB.

General Purpose Equipment

NOMENCLATURE	NSN
WATER PURIFICATION UNIT	4610-01-113-8651
WATER STORAGE TANK	5430-01-203-9971
LUBE & SERVICE UNIT	4930-01-230-0781
FUEL STORAGE MODULE	5430-01-240-4578
FIRE EXTINGUISHER	4210-01-205-2245
WATER CHILLER SML	4130-01-131-2685
HYDROCHLORINATION UN	4610-00-269-0163
TEXTILE REPAIR SHOP	3530-00-900-8352
GENERATORS 10KW	6115-00-465-1027
GENERATORS 60KW 60HZ	6115-00-118-1243
GENERATORS 60KW 400HZ	6115-00-118-1253
GENERATOR 100KW 60HZ	6115-01-036-6374
GENERATOR 30KW 400HZ	6115-00-118-1248
GENERATOR 30KW 60HZ	6115-00-118-1240
AIR CONDITIONER	4120-01-093-3385
AIR CONDITIONER	4120-01-114-247
DECON UNIT M12A1	4230-00-926-9488
FLOOD LIGHT SET	6230-01-170-1408
TRACTOR TRAM	3805-01-279-3635

9. General Purpose Equipment, continued

9.2 Identify the types of general purpose equipment workload planned for this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 9.2.a: Predicted General Purpose Equipment Workload (Revised 7/29/94)

General Purpose Equipment (types)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment							
Generator Sets	292	290	290	269	269	269	269
General Purpose Maintenance Tooling and Equipment	1,677	2,689	2,689	2,689	1,745	1,745	1,745
DECON Units	7	7	7	7	7	7	7
ROWPUs	9	9	9	9	63	63	63
Other (Specify) *	288	217	217	217	217	217	217
Total	2,273	3,212	3,212	3,191	2,301	2,301	2,301

*** Includes miscellaneous items such as, fuel tanks and fabric drums.**

<u>Footnote:</u> "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

9. General Purpose Equipment, continued

Table 9.2.b: Predicted General Purpose Equipment Workload

General Purpose Equipment (types)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Rail Equipment							
Generator Sets	6.8	6.5	6.5	4.9	4.9	4.9	4.9
General Purpose Maintenance Tooling and Equipment	17.8	1.7	1.7	1.7	16.4	16.4	16.4
DECON Units	.6	.5	.5	.5	.5	.5	.5
ROWPUs	5.4	5.1	5.1	5.1	42.5	42.6	42.6
Other Specify*	5.4	1.6	1.6	1.6	1.5	1.6	1.6
Total	36.0	15.4	15.4	13.8	66.0	66.0	66.0

*** Includes miscellaneous items such as, fuel tanks and fabric drums.**

Footnote: "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

9.3 Identify any the specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on general purpose equipment. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

The Albany Maintenance Center's most unique and essential process is our "one-stop shop" operation. This concept of maintenance is the lifeblood of Marine Corps readiness. We can induct any piece of Marine Corps ground combat and combat support equipment and totally IROAN, rebuild, or repair and return it to our customer directly. For example, if a piece of equipment requires component repair/rebuild, or whatever, we remove that component from the end item; perform the required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing); and return that component to the end item from which it was removed, provided it was repairable. The equipment is then ready to be returned to its owner. Total maintenance -- one stop!

The Maintenance Center's ability to perform total, one-stop shop maintenance on every type of Marine Corps equipment, as well as related parts and components, is absolutely essential to the readiness of the Fleet Marine Force (FMF). Our proximity to the Maritime Prepositioning Force (MPF), Blount Island Command, Jacksonville, FL and Camp Lejeune, NC, together the largest concentration of Marine forces east of the Mississippi River, makes us a prime factor in terms of response time when national security is at risk. The Maintenance Center's maintenance capability, flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining FMF readiness.

9. General Purpose Equipment, continued

The following is a list of essential unique facilities required to perform maintenance on General Purpose Equipment:

Facility	Description
Abrasive Blast Facility	Environmentally compliant state-of-the-art structure that permits year-round, indoor, centralized, abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast capabilities.
Chemical Agent Resistant Coating (CARC) Paint Facility	Environmentally compliant state-of-the-art structure that permits year-round, all weather, CARC painting operations.
Nondestructive Test (NDT) Facility	Building that contains fiber optic, ultrasonic, and X-ray inspection equipment.
TMDE Facility	Structure that houses calibration services for electrical/electronic, electro-mechanical, microwave, and Automatic Test Equipment (ATE).

The following is a list of essential unique plant equipment required to perform maintenance on General Purpose Equipment:

Plant Equipment	Description
Generator Load Banks	Equipment used to load generators for testing purposes.
Untreated Water Well	Used to Test the ROWPU.
NDT Equipment	Special equipment used to support magnetic particle, dye penetrant, X-ray, fiber optic, ultrasonic inspection.
Abrasive Blast Equipment	Environmentally compliant state-of-the-art abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast machinery.
Chemical Agent Resistant Coating (CARC) Paint Equipment	Environmentally compliant state-of-the-art CARC painting equipment.
TMDE Equipment	Calibration standards used to calibrate mechanical devices such as torque wrenches, pressure gages, voltmeters, dial indicators etc. which support maintenance of General Purpose Equipment.

9. General Purpose Equipment, continued

The following is a list of current technologies which we have in-house to meet present and future requirements for Fleet Marine Force (FMF) readiness. These technologies are required in support of general purpose equipment maintenance.

Technologies
Generator Load Testing
Metal Plating
Electro-Plating
Radiography
Ultrasonic
Fiber Optics

The following is a list of skills necessary to perform maintenance on general purpose equipment:

Optical Instrument Repairer
Electrical Equipment Repairer
Electronics Measurement Mechanic
Electroplating Worker
Industrial Engineering Technician
Electrical Engineering Technician
Heavy Mobile Equipment (HME) Welder
Painter
HME Sheetmetal Worker
HME Mechanic
HME Repairer
Machinist
Sandblaster
Tire Repairer

MISSION AREA

10. Other End Items

10.1 Identify the types of other end items currently worked on at this MCLB.

Other End Items

NOMENCLATURE	NSN
MODULAR UNIVERSAL LASER EQUIPMENT	1260-01-122-8735
TOOL, KIT ELECTR	5180-00-339-3150
DUMMY LOAD	5985-01-079-3879
DUMMY LOAD, GENERATOR SET TRLR-MTD	5985-01-306-2943
POWER SUPPLY	6130-01-163-8515
ANALYZER, CHARGER	6130-01-341-2073
OSCILLOSCOPE	6625-00-053-3112
OSCILLOSCOPE	6625-00-106-9622
SIGNAL GENERATOR	6625-00-115-6768
DIGITAL SYSTEM	6625-00-140-1088
SIGNAL GENERATOR	6625-00-257-7001
OSCILLOSCOPE	6625-00-305-1395
SIGNAL GENERATOR	6625-00-358-5651
POWER METER	6625-00-449-9167
DUMMY LOAD,GENERATOR SET TRLR-MTD	6625-00-471-0223
DIGITAL MULTIMETER	6625-00-500-6640
SIGNAL GENERATOR	6625-00-544-3767
VOLTMETER	6625-00-727-4706
DUMMY LOAD, GENERATOR SET	6625-00-803-0930
DISTORTION ANALYZER	6625-00-871-8012
TEST SET, AUDIO	6625-00-918-5721
DIGITAL SYSTEM	6625-01-069-0955
MODULATION METER	6625-01-075-3761
GENERATOR, PULSE	6625-01-077-4947
PLUG-IN ELECTRONIC TEST EQUIP	6625-01-078-1116
DISTORTION ANALYZER	6625-01-087-7258
RF VOLTMETER	6625-01-096-0426
SPECTRUM ANALYZER	6625-01-096-1726
ELECT COUNTER 3-18 GHZ	6625-01-104-6519
POWER METER	6625-01-114-0085
TEST SET ELECT	6625-01-118-3314
MULTIMETER	6625-01-121-6977
GENERATOR, SIGNAL	6625-01-130-5649
TEST UNIT	6625-01-136-2427
TEST UNIT	6625-01-136-2428
TEST UNIT	6625-01-138-0049
PLUG-IN ELECTRONIC TEST EQUIP	6625-01-140-7817
TEST SET, RADIO	6625-01-144-4481
OSCILLOSCOPE	6625-01-159-3106
GENERATOR, PULSE	6625-01-161-0612
MULTIMETER	6625-01-192-7490
MICROPROCESSOR TROUBLESHOOTER	6625-01-215-6547
TEST SET	6625-01-217-5631
DIGITAL CARD TEST SET	6625-01-224-6054
TEST, SET RADIO	6625-01-239-6715
OSCILLOSCOPE	6625-01-241-5276
TEST SET ANALOG PRI	6625-01-246-7240
COMM SERVICE MONITOR	6625-01-251-4775
GENERATOR, SIGNAL	6625-01-251-9658
SPECTRUM ANALYZER	6625-01-259-1060
LOGIC ANALYZER	6625-01-262-2020

10. Other End Items, continued

NOMENCLATURE	NSN
MULTIMETER	6625-01-266-3494
SIGNAL GENERATOR	6625-01-270-5086
SPECTRUM ANALYZER	6625-01-270-7786
ELECTRONIC COUNTER	6625-01-271-3012
OSCILLOSCOPE	6625-01-275-4766
PROGRAMMABLE MULTIMETER	6625-01-281-4746
TIME DOMAIN REFLECTOMETER	6625-01-284-1824
MODULATION METER	6625-01-284-8256
ELECTRONIC COUNTER	6625-01-289-1998
SYNTHESIZER, ELECTRONIC FREQUENCY	6625-01-294-0975
ELECTRONIC COUNTER	6625-01-296-5537
RADAR TEST SET	6625-01-307-0512
TEST SET, RADIO	6625-01-309-2824
TEST SET, RADIO	6625-01-309-2825
TEST SET SUBASSY	6625-01-311-9126
TEST SET DISTORTION	6625-01-312-2560
ANALYZER COMPUTER MONITOR	6625-01-363-1892
TEST STATION ELEC EQUIP	6625-01-371-4275
RADIAC SET	6665-00-017-8903
RADIAC SET	6665-00-053-3391
RADIAC SET	6665-00-211-6895
RADIAC METER	6665-00-540-9004
RADIAC METER	6665-00-764-6395
RADIAC SET	6665-00-832-4795
RADIAC SET	6665-00-856-8037
RADIAC SET	6665-00-961-0846
RADIAC SET	6665-01-056-7422
RADIAC SET	6665-01-080-4418
RADIAC SET	6665-00-999-5145
RADIAC SET	6665-01-016-8267
OSCILLOSCOPE DIGITAL	6625-01-252-0344
SPECTRUM ANALYZER	6625-01-253-2522
ALARM, CHEMICAL AGENT	6665-01-105-5623
RADIAC METER	6665-01-134-9714
RADIAC SET	6665-01-161-5407
RADIAC SET	6665-01-222-1425
OSCILLOSCOPE	6625-01-026-0598
POWER METER	6625-01-033-5050
SIGNAL GENERATOR	6625-01-045-2183
SIGNAL GENERATOR	6625-01-049-5982
SYNTHESIZED SIGNAL GENERATOR	6625-01-057-8473
PEAK POWER METER	6625-01-063-3086
MONITOR, CHEMICAL	6665-01-369-9307

10. Other End Items, continued

10.2 Identify the types of other end items workload planned to be worked on this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 10.2.a: Predicted Other End Item Workload

Other End Item (type)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE	6,650	4,352	4,352	4,352	4,352	4,352	4,352
Test Sets	63	63	63	63	63	63	63
Software		2	2	2	2	2	2
Other (Specify)*	4,271	3,366	3,366	3,366	3,366	3,366	3,366
Total	10,984	7,783	7,783	7,783	7,783	7,783	7,783

*** Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.**

Footnote: "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

Table 10.2.b: Predicted Other End Item Workload
(Revised 7/29/94)

Other End Item (type)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
TMDE	36.0	34.4	34.4	34.4	34.4	34.4	34.4
Test Sets	70.2	67.3	67.3	67.3	67.3	67.3	67.3
Software		6.2	6.2	6.2	6.2	6.2	6.2
Other (Specify) *	101.2	87.2	87.2	87.2	87.2	87.2	87.2
Total	207.4	195.1	195.1	195.1	195.1	195.1	195.1

*** Includes miscellaneous items such as, Survey Instrument Exchange Program (SIEP) items, warning decals, platters, and rebuild standards.**

Footnote: "Total MC3 Workload Data is provided (including overtime) and is not adjusted for the 1-8-5 shift. This guidance was provided by the BSAT.

10. Other End Items, continued

10.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on other end items. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

The Albany Maintenance Center's most unique and essential process is our "one-stop shop" operation. This concept of maintenance is the lifeblood of Marine Corps readiness. We can induct any piece of Marine Corps ground combat and combat support equipment and totally IROAN, rebuild, or repair and return it to our customer directly. For example, if a piece of equipment requires component repair/rebuild, or whatever, we remove that component from the end item; perform the required maintenance (disassembly, cleaning, repair/replacement, assembly, inspection, and testing); and return that component to the end item from which it was removed, provided it was repairable. The equipment is then ready to be returned to its owner. Total maintenance -- one stop!

The Maintenance Center's ability to perform total, one-stop shop maintenance on every type of Marine Corps equipment, as well as related parts and components, is absolutely essential to the readiness of the Fleet Marine Force (FMF). Our proximity to the Maritime Prepositioning Force (MPF), Blount Island Command, Jacksonville, FL and Camp Lejeune, NC, together the largest concentration of Marine forces east of the Mississippi River, makes us a prime factor in terms of response time when national security is at risk. The Maintenance Center's maintenance capability, flexibility, and workforce versatility provide a sound, efficient, and cost effective means of maintaining FMF readiness.

The following is a list of essential unique facilities required to perform maintenance on Other End Items Equipment:

Facility	Description
Abrasive Blast Facility	Environmentally compliant state-of-the-art structure that permits year-round, indoor, centralized, abrasive blast, steam cleaning, phosphate coating, parts washing, Rotoblast, tumble blast, and bead blast capabilities.
Chemical Agent Resistant Coating (CARC) Paint Facility	Environmentally compliant state-of-the-art structure that permits year-round, all weather, CARC painting operations.
TMDE Facility	Structure that houses calibration services for electrical/electronic, electro-mechanical, microwave, infantry weapons gages, and survey instrument equipment and Automatic Test Equipment (ATE).

10. Other End Items, continued

The following lists of essential unique plant equipment are required to perform maintenance on other end items equipment:

Plant Equipment	Description
Automatic Transceiver Test System	All of the plant equipment listed is used to support the end items listed in paragraph 10.1. Some of this equipment is used to perform calibration functions and some is used in testing systems and components.
Automatic Power Supply Test System	
Digital Circuit Card System	
Test Program Set (TPS) Development	
Automatic Test System - SB-3614 Switchboard	
Radar Test Range	
Test Bed - AN/TPB-1D Radar Set	
EPROM Programming	
Alpha, Beta, Gamma Measurement/Calibration	
RADIAC Calibration Equipment	
Brunson Short Range Calibrator (Survey Instruments)	
Wild Short Range Calibrator (Survey Instruments)	
Astronomical Reference Calibration System	
Test Bed Unit Level Circuit Switch (ULCS)	
Digital Test Link Development	
Test Program Set (TPS) Development	
Production Test Software	
Slave Timing/Engineering Orderwire Test Station	
Voice Orderwire Control Unit Test Station	
SB-3685 Switchboard Plasma Test Station	
OECO Power Supply Test Station	
GENRAD Automated Printed Circuit Test Systems	
PT-900 Plus Automated Power Supply Test Station	

10. Other End Items, continued

Plant Equipment	Description
Application Program Sets (APS)	All of the plant equipment listed is used to support the end items listed in paragraph 10.1. Some of this equipment is used to perform calibration functions and some is used in testing systems and components.
Pure Air Laminar Flow Work Bench	
Tektronix Test Lab Vibration Analysis System	
Gyro and Case Assembly Test Set	
Hewlett-Packard Fiber Optics Test System	
Photo Dyne Fiber Optics Test System	
65 Meter LASER Linearity Rail	
Certified Outdoor Class Four LASER Boresight Range	
Class Four LASER Laboratory	
Wild One Meter Alignment Rail	
Brunson Small Angle Generator	
Class Five Security Vault	
12,000 Feet Per Minute Wind Tunnel	
Class 10,000 Clean Room, Environmentally Controlled	
SIP 305M Universal Gage Measuring Machine	
Pratt and Whitney Standard Measuring Machine	
Federal Horizontal Master Comparator	
Federal Test Bolt Test Fixture	
Federal Breachbore Gage Test Fixture	
ZYGO LASER Micrometer	
J&L Optical Comparator	
Digi-Check II Electronic Height Gage (English and Metric)	
AA 4' X 6' Laboratory Grade Surface Plate	
Weber Gage Blocks AA (English and Metric)	
Federal XXX Tapered Accept Check Master Rings	
Sphereic Master Balls	
Mettler Electronic Master Comparator Balance	

10. Other End Items, continued

The following is a list of current technologies which we have in-house to meet present and future requirements for Fleet Marine Force (FMF) readiness. These technologies are required in support of other end items equipment maintenance.

Technologies
Automatic Testing
Fiber Optics
RADIAC Calibration
Programming
Digital Testing
LASER Testing
Metal Plating
Application Program Set Development

The following is a list of skills necessary to perform maintenance on other end items equipment:

Optical Instrument Repairer
Electrical Equipment Repairer
Electronics Measurement Mechanic
Electroplating Worker
Industrial Engineering Technician
Electrical Engineering Technician
Heavy Mobile Equipment (HME) Welder
Painter
HME Sheetmetal Worker
HME Mechanic
HME Repairer
Machinist
Sandblaster
Test Program Set Development Technician
Automatic Test Equipment (ATE) Systems Development Technician
Technical Manuals Writer

ACTIVITY: M67004

MISSION AREA

11. Manufacturing

11.1 Identify the types of manufacturing currently performed at this MCLB.

Repair Division's manufacturing capability is performed only in support of ongoing maintenance or for prototype development of a specific system. We currently do not manufacture components/parts to support the DOD supply system.

11.2 Identify the types of manufacturing workload planned at this MCLB during the period requested. Indicate by number of units and Direct Labor Man Hours (DLMHs).

Table 11.2.a: Predicted Manufacturing Workload

Manufacturing (type)	# of Units						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Fabrication/Tooling	927	927	927	927	927	927	927
Other (Specify)							
Total	927	927	927	927	927	927	927

Table 11.2.b: Predicted Manufacturing Workload

Manufacturing (type)	DLMHs (000s)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Fabrication/Tooling	13.9	13.3	13.3	13.3	13.3	13.3	13.3
Other (Specify)							
Total	13.9	13.3	13.3	13.3	13.3	13.3	13.3

11. Manufacturing, continued

11.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for work on specific types of manufacturing. Highlight those capabilities at your activity which are "one of a kind" within the DON/DoD.

CAPABILITY: MANUFACTURING		
Type	Product	Program
CNC Machining	Any or all ground combat or combat support equipment, as required, undergoing maintenance Vertical, horizontal, milling machine, jig bore, metal punch press (TRUMP machine with 10-station turret)	IROAN, Rebuild, R&R
Robotic Welding	Any or all ground combat or combat support equipment, as required, undergoing maintenance Panasonic 6-axis for MIG/TIG welding.	IROAN, Rebuild, R&R
Complete Refinishing	Any or all ground combat or combat support equipment, as required, undergoing maintenance: **Abrasive Blast** - plastic media, bicarbonate of soda, steel shot, glass beads; **Plating** - chrome; **Painting** - Chemical Agent Resistant Coating (CARC) (only environmentally compliant paint facility for applying CARC), enamel, and epoxy	IROAN, Rebuild, R&R
Heat Treating	Any or all ground combat or combat support equipment, as required, undergoing maintenance: Fabricate/heat-treat vehicle parts/ components.	IROAN, Rebuild, R&R
Examples of Manufacturing	Micro Repair Facility (MRF), Rigid/Electronic Maintenance Shelter, Applique Armor, RDF Shelter.	Design/Develop Prototype

11. Manufacturing, continued

CAPABILITY: INSPECTION		
Type	Product	Program
Radiographic (X-Ray)	LAV and AAV hulls and other products, as required, undergoing maintenance: Detects flaws such as, cracks and breaks in most metals.	IROAN, Rebuild, R&R
Ultrasonic	Any or all ground combat or combat support equipment, as required, undergoing maintenance: Detects internal material defects in metal and other products. Used to measure thickness.	IROAN, Rebuild, R&R
Fiber Optics	Any or all ground combat or combat support equipment, as required, undergoing maintenance: Used to detect flaws in areas inaccessible to the naked eye and without disassembly of components to include gun barrels, engine cylinders, etc.	IROAN, Rebuild, R&R
Magnetic Particle	Any or all ground combat or combat support equipment, as required, undergoing maintenance: Detects small surface and sub-surface cracks via magnetism.	IROAN, Rebuild, R&R
Dye Penetrant	Any or all ground combat or combat support equipment, as required, undergoing maintenance: Detects small surface cracks via fluorescent/visible dyes.	IROAN, Rebuild, R&R
Eddy Current	Any or all ground combat or combat support equipment, as required, undergoing maintenance: Detects small surface and sub-surface cracks via an induced electromagnetic field applied to part/component.	IROAN, Rebuild, R&R

MISSION AREA

12. Formal Schools Training

12.1 Identify the types of formal schools training currently conducted at this MCLB.

Test Measurement and Diagnostics Equipment Repair Course
Electro-Optical Ordnance Repair Course
Basic Preparation, Preservation, and Packaging Course

12.2 Identify the types of formal schools training workload planned to be conducted at this MCLB during the period requested. Indicate by number of students throughout.

Table 12.2: Predicted Formal Schools Training Workload

School CIN	# of Students Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
M0728T1	18	22	28	28	28	28	28
M0728T2	104	104	104	104	104	104	104
M0757L1	124	142	142	142	142	142	142
M07C0Y1	70	70	70	70	70	70	70
M07SCM1	213	254	254	254	254	254	254
Total	529	592	598	598	598	598	598

12.3 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at this MCLB for conducting formal schools training. Highlight those capabilities at your activity which are "one of a kind" within the DoN/DoD.

NONE

MISSION AREA

13. Prepositioning Force Program

13.1 Identify the current support provided by this MCLB in support of the Prepositioning Force Programs.

Provides technical direction on matters pertaining to maintenance and logistics management for prepositioning programs.

Maintains a Prepositioning Programs Coordinator who serves as the focal point to facilitate prepositioning program planning and execution across internal organizational lines as well as external agencies.

Serves as the Procuring Contracting Officer for the Prepositioning Programs Maintenance contracts.

Provides complete post-award contract administration support to the prepositioning programs.

Provides fifth echelon repair and return facilities for prepositioning programs ground equipment.

Provides calibration services and test facilities for MPS ground equipment.

Provides fifth echelon maintenance capability for all Marine Corps ground equipment requiring regeneration due to contingencies/operations.

Provides an armory for MPS weapons storage.

Provides preparation-for-shipment for Principal End Items issued to the prepositioning programs. This includes procurement and association of collateral material and supply system responsibility items as well as application of all modifications.

Provides for asset upgrades required for prepositioning programs issues.

Executes agreed upon assembly projects for the prepositioning programs.

Coordinates storage distribution functions for secondary reparables and consumables with the Defense Logistics Agency.

Provides expert teams for the surveillance of nuclear, biological, and chemical (NBC) assets aboard MPS.

Provides specialized maintenance contact teams for prepositioned assets.

As world-wide weapon system managers, responsible for material management matters and Marine Corps Principal End Item and secondary reparable prepositioning asset attainment.

13. Prepositioning Force Program, continued

Identifies, selects, computes, procures, receipts, and issues all initial provisioning repair parts blocks for the 13 MPS's through the Integrated Logistics Support Acquisition Management Program.

Serves as system sponsor for the major automated information systems used for prepositioning programs.

Provides systems expertise and programming support.

Provides personnel to serve on the Technical Assistance Advisory Teams which accompany and assist the Marine Forces in MPF operations.

Provides personnel augmentation for various MPS operations such as prepositioning tiger teams, quality assurance checks/visits, and intermediate maintenance actions.

Formulates and monitors the execution of the prepositioning programs budget and funding.

Performs various financial and administrative functions such as processing travel claims, providing civilian and military payroll services, maintaining military and civilian Tables of Organization, military training, developing and maintaining the organizational manual and provides travel arrangements/ticketing/passport services.

Assists in the development of prepositioning programs Interservice Support Agreements and Memorandums of Understanding (MOU).

Provides civilian personnel services to the prepositioning command.

Provides legal services to the prepositioning command.

Provides environmental and safety support.

13.2 Identify any additional Prepositioning Force Programs support your MCLB is programmed to perform during the period FY 1995 - FY 2001.

Provides contracting support for the Army Afloat Prepositioning program.

Provides automated system support to the Army's Depot Systems Command for the Army Afloat Prepositioning Programs.

Provides contract administration for the 2nd MAW's NALMEB maintenance performed by the Government of Norway.

Provides Technical Assistance and Advisory Teams as requested by the Marine Forces to assist in MPF exercises/operations.

13. Prepositioning Force Program, continued

13.3 Specify the role of this MCLB in support of the Maritime Prepositioning Force (MPF) Program. Include your support in the reconstitution and regeneration of MPF Program weapons systems.

For over 10 years, under the direction of a single unified commander, this MCLB has provided functions (detailed in 13.1) required to ensure the immediate availability of three fully attained combat ready MPS squadrons (assets for three Marine Expeditionary Brigades) as well as the rapid regeneration of these assets following a contingency.

During reconstitution of the MPS's in SWA, this MCLB provided the personnel, systems, and selected assets to successfully reconstitute 12 MPS's to CINC directed operational capability.

During post-SWA regeneration or MPS Maintenance Cycle Three, this MCLB replaced over 20,000 retrograded MPS Principal End Items (PEI's) with combat ready PEI through the wholesale material management functions detailed in 13.1. In addition, this MCLB replaced all retrograded secondary reparables and replaced all MPS sets, kits, and chests requirements. These actions were possible only because all logistics functions are integrated under a single commander who can effectively balance available resources to meet the Marine Corps priorities.

13.4 Identify the relationship between your MCLB and any other activity (including other DON, other DoD, other Federal, or commercial entity) in support of the MPF.

Blount Island Command, a subordinate command of MARCORLOGBASES, serves as MARCORLOGBASES Executive Agent for prepositioning programs.

This Command provides direction to MCLB Barstow, a subordinate Command, for the execution of prepositioning maintenance and distribution requirements.

This Command has a MOU/ISA with NAVAIRSYSCOM for the execution of MPS Aviation Support Equipment maintenance.

This Command has a MOU/ISA with NAVFACENGCMD, SURFPACFLEET and SURFLANTFLEET for the execution of MPS Naval Support Equipment and TA 56 maintenance.

This Command provides the Army Depot Systems Command with services in support of the Army Afloat Prepositioning Program.

This Command provides contract support for Army Afloat Prepositioning Program in the area of shipboard maintenance for the interim complement of vessels.

This Command receives requirements for prepositioning assets and embarkation requirements from the Marine Forces.

This Command supports the 4th MAW in storage of war reserve assets.

13. Prepositioning Force Program, continued

Headquarters Marine Corps (L/P) provides policy for prepositioning programs.

This Command supports the applicable CINC in deployment and regeneration of the MPS's.

13.5 Specify the role of this MCLB in support of the Norway Prepositioning program. Include your support in the reconstitution and regeneration of program weapons systems.

Provides technical direction on matters pertaining to maintenance and logistics management for prepositioning programs.

Maintains a Prepositioning Programs Coordinator who serves as the focal point to facilitate prepositioning program planning and execution across internal organizational lines as well as external agencies.

Provides complete post-award contract administration support to the prepositioning programs.

Provides fifth echelon repair and return facilities for prepositioning programs ground equipment.

Provides calibration services and test facilities for MPS ground equipment.

Provides fifth echelon maintenance capability for all Marine Corps ground equipment requiring regeneration due to contingencies/operations.

Provides preparation-for-shipment for Principal End Items issued to the prepositioning programs. This includes procurement and association of collateral material and supply system responsibility items as well as application of all modifications.

Provides for asset upgrades required for prepositioning programs issues.

Executes agreed upon assembly projects for the prepositioning programs.

Coordinates storage distribution functions for secondary reparables and consumables with the Defense Logistics Agency.

Provides specialized maintenance contact teams for prepositioned assets.

As world-wide weapon system managers, responsible for material management matters and Marine Corps Principal End Item and secondary reparable prepositioning asset attainment.

13. Prepositioning Force Program, continued

Serves as system sponsor for the major automated information systems used for the prepositioning programs.

Provides systems expertise and programming support.

Provides personnel augmentation for various operations such as quality assurance checks/visits and intermediate maintenance actions.

Formulates and monitors the execution of the prepositioning programs budget and funding.

Performs various financial functions such as processing travel claims, providing civilian and military payroll services, maintaining military and civilian Tables of Organization, military training, developing and maintaining the organizational manual and provides travel arrangements/ticketing/passport services.

Assists in the development of prepositioning programs Interservice Support Agreements and Memorandums of Understanding/Agreement.

Provides civilian personnel services to the prepositioning command.

Provides legal/counsel services to the prepositioning command.

Provides environmental and safety services.

13.6 Identify the relationship between your MCLB and any other activity (including other DON, other DoD, other Federal, or commercial entity) in support of the Norway Prepositioning Program.

Blount Island Command, a subordinate command of MARCORLOGBASES, serves as MARCORLOGBASES Executive Agent for prepositioning programs.

This Command provides direction to MCLB Barstow, a subordinate Command, for the execution of prepositioning maintenance and distribution requirements.

This Command has a Basic Ordering Agreement and a Labor Rate Agreement with the Government of Norway for NALMEB asset maintenance.

This Command receives operational requirements for prepositioning assets from the Marine Forces.

This Command provides NALMEB maintenance contract administration functions for the 2nd MAW.

Headquarters Marine Corps (L/P) provides policy for prepositioning programs.

13. Prepositioning Force Program, continued

13.7 Identify aspects of the Prepositioning Force Programs which are possible candidates for interservicing. Include both functions currently performed by your MCLB and those functions currently performed elsewhere which could be performed at your MCLB. Provide the pros and cons of each consideration.

The Army's Afloat Prepositioning Program completed load out of its interim eight ships during May 1994. The ships will home port in Diego Garcia, Guam, and Thailand. The Army's program is designed to forward deploy enough equipment and supplies to support a heavy mechanized 2 x 2 Brigade with 30 days of sustainment.

The Army will conduct maintenance and replenishment of its equipment and supplies in Charleston, South Carolina. The operation will be similar to the Marine Corps operation at Blount Island, Florida. Commander, Marine Corps Logistics Bases (COMMARCORLOGBASES), Albany, Georgia, is providing support to the Army in three areas. Deployed shipboard maintenance is being performed under the current Marine Corps contract, teams from COMMARCORLOGBASES have loaded the accountable data records in Marine Corps prepositioning automated information systems, and the Marine Corps is providing assistance for the development of the maintenance facility in Charleston as requested by the Army.

In addition to the areas mentioned, if Marine Corps and Army prepositioning logistics support were consolidated and conducted at Blount Island, Jacksonville, Florida, significant annual savings could be achieved for the Department of Defense. Through utilization of the current labor force and facilities at Blount Island, this MCLB would achieve measurable economics of scale and alleviate the need for the significant investment the Army is scheduled to make at Charleston.

All repair Class IX parts blocks located on each MPS ship are identified, selected, and computed (with input from Marine Expeditionary Forces), and procured, receipted, and issued through the ILSD Acquisition Management Program.

ACTIVITY: M67004

MISSION AREA

14. Storage and Distribution

14.1 Identify any inside and outside space currently available and used for: (1) storage of Ready for Issue (RFI) war reserve vehicles, equipment, and materials; (2) wholesale and retail storage; and (3) specialized storage items. For location, specify if space is Inside or Outside storage; if not contiguous with the MCLB, identify the detachment, annex, etc., where the facility is located. Report condition category in thousands of square feet (KSF).

Table 14.1: Storage Space

Type Storage	Facility Type / Identification #	Condition (K SF)			Location
		Adequate	Substandard	Inadequate	
RFI War Reserve	441-10 Covered	60			Inside
RFI War Reserve	441-35 Shed	1			Outside
RFI War Reserve	451 Open	257			Outside
Wholesale/ Retail	441-10 Covered	*1150			Inside
Wholesale/ Retail	441-35 Shed	*13			Outside
Wholesale/ Retail	451 Open	*4,874			Outside
Specialized Storage					N/A
SUB-TOTAL (INSIDE)		1,210			
SUB-TOTAL (OUTSIDE)		5,145			
GRAND TOTAL		6,355			

NOTE: A 100 KSF decrease will be realized in CCN - 451 open storage space during late FY-94 or early FY-95. The loss will become a gain in CCN 441-70S "other" storage space. Changes are due to construction of a transitory shelter/storage aid, equipment (PECI) on open storage log 1321/Z66. A transitory shelter is a prefabricated, sectional, metal structure, normally with complete sides and ends but without utilities, classed as a storage aid rather than real property.

*** Predominately Wholesale War Reserve supplies in <u>not</u> ready for issue condition.**

14. Storage and Distribution, continued

14.2 Identify any additional inside and outside space programmed to be available for these categories of materials at your MCLB during the period FY 1995-FY 2001. Specify if the space will be Inside or Outside storage; if not contiguous with the MCLB, identify the detachment, annex, etc., where the facility will be located.

No additional space is programmed to be available for FY 1995 through FY 2001.

14.3 Identify any special or unique customer-supplier relationships which exist between this MCLB storage site and major supported and/or supporting activities.

The MCLB storage site has a test facility capable of testing protective equipment. The fixed test site tests protective equipment for rollback, MPS, and "Mail-in" from various reserve units. This includes 40,782 square feet of general purpose warehouse space which is manned by military personnel.

This Command provided technical publication management and distribution support from FY-93 until present for 1,785 customers which included a total of 508,010 requisitions. For FY-92, support was provided to 1,785 customers which included a total of 511,580 requisitions. For FY-91, support was provided to 1,725 customers for a total of 565,420 requisitions. Customers and percentages of support are provided as follows:

CUSTOMERS	%
Camp Lejeune:	30
Camp Pendleton:	20
Twenty-Nine Palms:	15
All Others:	35
	100 %

Also, this MCLB storage site provides world-wide supply support for flags, heraldic items, officer findings, and general officer stationary.

With a major Marine Corps Multi-Commodity Maintenance Center collocated with the main storage facility, the movement/exchange of equipment between the repair, storage and shipment site is quick, efficient and cost effective. Being on the same site allows these two agencies to instantly communicate and make spontaneous decisions that are of benefit to both parties and our customers. Consolidation of similar tasks and the elimination of duplicate efforts in moving and storing equipment and supplies is also achieved by this symbiotic relationship.

MCLB Albany has military staff dedicated to providing rapidly deployable teams and/or individuals who have maintained combat skills and technical expertise within their Military Occupational Specialty (MOS) to accomplish depot maintenance (5th Echelon) and other maintenance support (1st through 4th echelon) activities for a variety of customers. Additionally, technical assistance and overflow maintenance support is provided to reserve units as requested/required by the Inspector-Instructor Staff of the Fleet Marine Corps Reserve. The same assistance is offered to the Fleet Marine Force, Blount Island Command, and any other organization or services as requested.

MCLB Albany has the largest Small Arms Repository in the Department of the Navy. This storage facility consists of 122,525 square feet of general purpose warehouse with a special security system. The Command receipts, stores, preserves, packs, and issues all small arms used by the Marine Corps. Also, we manage 138 different types of weapons and process over 92,000 small arms annually. Besides handling all initial issue projects for small arms, the Command manages and accounts for thousands of small arms being rebuilt at Albany and for other branches of services. We have a world-wide mission to issue weapons and provide serialization control for the Marine Corps.

14. Storage and Distribution, continued

MCLB Albany's storage site has an ongoing workshop that sends preservation maintenance personnel out to Fleet Marine Force (FMF) units. These personnel instruct and provide hands on training for procedures and methods of preservation on Marine Corps assets. The FMF has an administrative storage program in place that will allow the Units to keep vehicles and equipment onsite in outside storage. The onsite training provided by MCLB provides the Marine in the field with the latest application techniques, data, and supplies in the preservation field. Also, MCLB Albany provides preservation instructions to the Diesel Division of General Motors located in London and Canada. This assistance is in support of the Light Armored Vehicles (LAV'S) being manufactured for the Saudi Arabian National Guard, LAVSANG program.

This Command is responsible for the largest Controlled Cryptographic Item (CCI) account in the Marine Corps. We manage sixteen line items which consist of approximately 1,700 pieces on hand. This supply support is for all Marine Corps Units, Navy Reserve Units, and some DoD Contractors. This is an inventory, storage, issue, and receipt account, and only controls hardware for Communications Security Material System (COMSEC). This area consists of 40,574 square feet of general purpose warehouse space.

MCLB Albany has an on-site Defense Reutilization and Marketing Office. This Defense Logistics Agency-operated facility processes excess property, obsolete, non-reparable equipment, and hazardous waste/materials. The collocation of this facility significantly reduces any transportation costs when turning-in equipment and materials for resale and disposal. As environmental concerns continue to impact our work environment more and more on hazardous waste disposal, the transport of this material will most likely escalate in cost. The location of this facility on MCLB Albany is a definite cost avoidance benefit to this Command.

If the above listed services were discontinued, functions would have to be transferred to or created at another location.

14. Storage and Distribution, continued

14.4 Identify any special, service-particular or unique functions performed by this MCLB in storage and distribution operations. Include in your description the percentage of workload represented by performance of these functions.

MCLB Albany performs the receipt, disassembly, assembly, storage, and issue of the following projects on a reimbursable basis.

Sun, Wind, and Dust goggles for the Marine Corps and Army
Modifications of insert/outsert M-17 Gas Mask
Light Armored Vehicles Basic Issue Items for the Saudi Arabia National Guard (LAVSANG)
Marine Corps Survival Kits
Sets, Kits and Chests for Maritime Prepositioned Ships (MPS) Squadrons 1, 2 and 3
AMALS/ADALS - 2nd FSSG
Respooling, packing and shipping Fiber Optic Cable to Marine Corps Units (active and reserve)

Percentage of workload is 14%

MCLB Albany storage site performs special/unique functions as follows:

The Command provides technical publication management and distribution support from FY-94 until present for 1,785 customers (508,010 requisitions) For FY-92, support was provided to 1,785 customers (511,580 requisitions). For FY-91, support was provided to 1,725 customers (565,420 requisitions). Percentage of workload is 22%.

MCLB Albany manages 16 line items which consist of approximately 1,700 pieces on hand. This supply support is for all Marine Corps units, Navy Reserve Units, and some DoD contractors. This is an inventory, storage, issue, and receipt account, and only controls hardware for Communications Security Material system. This is an inventory, storage, issue, and receipt account and only controls hardware for communication security material system. Percentage of workload is .01%.

The Command receipts, stores, preserves, packs, and issues all small arms used by the Marine Corps. Also, we manage 138 different types of weapons and process over 92,000 small arms annually. Besides handling all initial issue projects for small arms, the Command manages and accounts for thousands of small arms being rebuilt at Albany and for other branches of services. This represents 6% of the workload.

Preservation Maintenance personnel are primarily dedicated to performing up to second, with limited third echelon, maintenance on all principal end items/vehicles maintained at MCLB. Percentage of workload is 11%.

14.5 Identify any special, unique or peculiar characteristics about the climate, facilities, equipment, access to transportation, or work skills at this MCLB which make it unique in providing storage and distribution services.

Climate: The climate of the Albany area is typical of the southeastern U.S. in that the region experiences long, warm summers and short, mild winters. The mean temperature is 81.4F in July and 48.7F in January. Precipitation occurs throughout the year, with an average rainfall of 49.76 inches; the peak months for rainfall are March and July.

14. Storage and Distribution, continued

Facilities:

326,406 square feet of dehumidified storage capability.

100,000 square feet of inside storage constructed on special reinforced concrete surface to withstand long term storage of heavy tracked type principal end items. This storage facility is currently under construction. The facility will provide full security for the M1A1 Tank as prescribed by regulations. This area will allow for storage of approximately 175 tracked vehicles.

The Command has two warehouses that have Horizontal Bin Carousel Systems currently being installed. The two systems will provide an automated materials handling system that utilizes maximum available square and cubic footage in an inside storage environment. The two systems will be set up to store approximately 15,000 bin storage type line items. This configuration is flexible to decrease or increase capability depending on materials stored.

4,255 square feet of storage space/security vault designed for storage of classified publications and reproduction negatives.

600 square feet battery charging facility with the capability to charge up to seventy-two 6TN type 12 volt tactical vehicle batteries in a 24 hour period. This facility is scheduled to undergo construction in late FY-94.

7,200 square feet Preservation and Maintenance Shop. This facility has 3,600 square feet of shed-type work area. Funding has been provided to upgrade this area to an enclosed shop/garage type facility with a tool and parts room, proper compressed air, electrical drops and a lighting and air exchange system that will allow for full preservation and maintenance cycle performance on all types of principal end items. This facility is scheduled to undergo construction in late FY-94.

4.8 million square feet of improved open storage. Areas include asphalt and concrete covered surfaces and special reinforced sub-surfaces to withstand long term storage of all types of heavy wheeled and tracked tactical vehicles. Most areas are in excellent condition due to new or recent resurface, others are planned/designed and awaiting funding for upgrade/resurface.

Equipment: Garrison Mobile Equipment (GME)

2 - 988 Caterpillar Prime Movers, 65 ton drawbar pull tow/push capability
2 - 988 Caterpillar RTCH, 25 ton capability container handlers
25 - Forklifts with swing mast and narrow aisle capability
1 - 20,000 drawbar pull tow/push tractor (TUG)
1 - 10,000 drawbar pull tow/push tractor (TUG)
2 - Diesel Locomotives 80 ton capacity
1 - Forklift, 35,000 capacity specially designed for use when stacking vehicles
1 - Forklift/Tow tractor combination, 10,000 capacity, articulated steering

14. Storage and Distribution, continued

Storage Aids: 1,280 vehicle stacking frames, that are used for storage of vehicles in the size range of HMMWV and smaller. Stacking frames allow for storage of vehicles stacked three high in warehouse environment. Use of stacking frames decreases care-in-store cycles from 6 months up to 3 years.

Transportation System: Albany has historically been considered the transportation center for southwest Georgia. Four-lane highways provide easy north-south, as well as east-west, access for major interstate trucking and bus services. Air service is provided for both passenger and air freight at Albany's Southwest Georgia Regional Airport. Rail piggyback as well as switching and other services are provided by three railroads. Major industries, including Cooper Tire & Rubber Company, Proctor & Gamble, Miller Brewing Company, General Motors Delco Remy, Merck Chemical Manufacturing, and MCLB Albany rely on Albany's transportation system as a vital part of their operations.

15. Weapon Systems Management

15.1 Identify the functions performed at this MCLB in support of the Weapon Systems / Equipment Management (WS/EM) program.

Weapon Systems Management functions for the Marine Corps are performed only at MCLB Albany and involve the organization and application of resources to monitor and influence the acquisition process and the full range of Integrated Logistics Support throughout all, or designated phases, of the life cycle of assigned weapon systems and equipment. This is accomplished by the Weapon System Managers (WSM) who are designated MCLB Albany Staff Officers and participate with the Program Managers in monitoring and influencing the logistics support of a weapon system during the acquisition cycle. The WSM team's composition provides an enhanced knowledge base by the mix of military personnel who possess hands-on field experience with the weapon systems. The military team members have been/will again be our customer. When they return to the Fleet Marine Force, their gained knowledge, as part of the WSM Team, will enable them to respond better to the logistics support requirements of their unit. The WSM's, located only at MCLB, Albany, have total life cycle management authority for Integrated Logistics Support of a weapon system after delegation/transfer from MARCORSYSCOM.

Weapon System Management requires coordination of the following functions:

- Readiness Management
- Maintenance Management
- Materiel Management
- Configuration Status Accounting
- Cataloging
- Data Repository Management
- Acquisition Management
- Technical Publications Management & Support
- Engineering Drawings Support
- Technical Assistance
- Reprocurement Support
- Clothing Specification & Design Management
- Printing Management
- Physical Teardown & Logistics Demonstration

15. Weapon Systems Management

15.2 Identify the customers to whom this activity provides WS/EM support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 15.2: WS/EM Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	99.3%	98.3%	96.8%	93.9%	91.8%
Navy	0%	.6%	.6%	.6%	.5%
Other DoD	0%	0%	.3%	1.2%	3.5%
All other customers	.7%	1.1%	2.3%	4.3%	4.2%

15.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. There are no alternative sources for this support to the customer. MCLB Albany is the only place that has the capability to perform these functions at a single location, within a single Command, in close proximity to Fleet Marine Force units, with excellent road, rail, air, and sea lines of communication. When a customer has any logistical concern with a particular weapon system, one call to the WSM and the corrective action/solution will be initiated.

This concept, to include the current collocation of our WSM, is time tested, proven, and has paid exceptional dividends in support of FMF. Any attempt to dismantle this WS/EM team and perform the WS/EM functions at multiple Commands/sites would be equivalent to dismantling the Marine Air Ground Task Force concept.

15.4 Specify any functions consolidated within your performance of WS/EM requirements, and any special or unique capabilities this activity possesses to provide WS/SM support.

The following functions are consolidated under the WS/EM concept:

Readiness Management	Technical Publications Management & Support
Maintenance Management	Engineering Drawings Support
Materiel Management	Technical Assistance
Configuration Status Accounting	Reprocurement Support
Cataloging	Clothing Specification & Design Management
Data Repository Management	Printing Management
Acquisition Management	Physical Teardown & Logistics Demonstration

The uniqueness of this activity is that these functions are performed for the entire spectrum of weapon systems listed below:

Missiles	Construction Equipment
Amphibians	Communication & Electronic Equipment
Combat Vehicles	Ordnance Weapons & Munitions
Automotive Equipment	General Purpose Equipment
Tactical Vehicles	Other End Items

MISSION AREA

16. Readiness Management

16.1 Identify the functions performed at this MCLB in support of the Readiness Management program.

The functions of Readiness Management involve maintaining optimum mission capability of Fleet Marine Forces Ground Weapon Systems/Equipment. The primary responsibility of the Weapon System Management Team in support of Readiness Management is to conduct trend analysis and devise preventative or corrective measures to ensure optimum force readiness. Remedial actions may include measures to ensure that Table of Equipment deficiencies are satisfied through redistribution, repair or procurement; that spares are available to support fielded equipment; that technical publications are fielded with all supporting equipment and documentation; that valid and accurate readiness reporting is accomplished; and that appropriate fund categories are budgeted. Ultimately, readiness management directly affects the Marine Corps' capability to perform its assigned wartime mission.

16.2 Identify the customers to whom this activity provides Readiness Management support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 16.2: Readiness Management Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	100%	100%	100%	100%

16.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other location is structured to perform the readiness management the WSM at MCLB Albany provides its customers. MCLB Albany monitors the customers' readiness using the Marine Corps Automated Readiness Evaluation System (MARES) and performs analysis through a multitude of augmenting or stand-alone systems. MARES provides a realistic portrayal of a unit's equipment capability to perform its assigned wartime mission. Immediate action is taken to maintain readiness rates at the highest possible level.

16. Readiness Management

16.4 Specify any functions consolidated within your performance of Readiness Management requirements, and any special or unique capabilities this activity possesses to provide Readiness Management support.

MCLB Albany is a multi-faceted organization located in one geographic area and is comprised of the required expertise to perform all aspects of Integrated Logistics Support. Coupled with this expertise is the central location of the latest state-of-the art automatic data processing equipment and modern up-to-date facilities. For example, MCLB Albany houses the only Marine Corps Electronic Technical Publications System which is used to author, manage, store, update and produce camera ready copy of Marine Corps technical publications. Additionally, it houses the only Marine Corps repository for engineering drawings. MCLB has electronic connectivity to most Marine Corps activities throughout the world, houses the world wide Marine Corps Supply System data base, the Maintenance Subsystem Readiness data base, a multi-commodity depot repair facility and modern warehousing facilities.

Collocated with the above mentioned facilities and equipment are five additional systems which have been selected as Business Process Improvement Systems for the DoD Standard Materiel Management System. These systems are Configuration Management Information System (CMIS), Joint Engineering Data Management Information Control System (JEDMICS), Technical Data Management System (TDMS), Deficiency Reporting System (DRS), and Integrated Technical Item Management and Procurement System (ITIMP). All of these systems are operational at MCLB Albany and provide significant contributions to readiness management. In addition, MCLB Albany has been chosen as the Initial Operating Site for all DoD Materiel Management Systems.

One-hundred percent of the Readiness Management is provided for the Fleet Marine Force. However, we also provide Weapon system support for Readiness Management to other DoD services, foreign governments, and Federal/State/Local agencies, which contributes directly to improving their readiness.

MISSION AREA

17. Maintenance Management

17.1 Identify the functions performed at this MCLB in support of the Maintenance Management program.

The functions of Maintenance Management are to ensure the return of unserviceable Weapon System Equipment to a serviceable condition in the most expeditious manner and at the most economical rate. This includes the Weapon System/Management Team providing cost effective and timely depot level maintenance support to the operating forces. This MCLB determines requirements and develops/manages the Six Year Depot Level Maintenance Program (DLMP). The DLMP includes budgeting and formulation of HQMC Program Objective Memorandum (POM) and formulation/execution of Maintenance Program funds. This level of support is provided through USMC organic depots, other service depots utilizing Depot Maintenance Interservice Support Agreements and commercial contractors. Additionally, this MCLB's Maintenance Data Analysis Center develops, monitors, and analyzes Reliability Centered Maintenance Data in support of the Maintenance Management Program. Maintenance Data from FMF actions is captured by the Maintenance Data Analysis Center using the Marine Integrated Maintenance Management System (MIMMS) which is made available for analysis by the WS/EM Team to determine focal points of reliability, availability, maintainability, or dependability actions.

17.2 Identify the customers to whom this activity provides Maintenance Management support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 17.2: Maintenance Management Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	99%	99%	99%	99%	99%
Other	1%	1%	1%	1%	1%

17. Maintenance Management, continued

17.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other location is structured to, or capable of, performing the Maintenance Management which this MCLB provides its customers. MCLB Albany's Weapon System Management concept facilitates accomplishing Maintenance Management for the Marine Corps. This unique concept is time tested, proven, and has paid exceptional dividends in support of the FMF. The Marine Corps is unique in its management of the Equipment Maintenance Program. We utilize a proven requirements determination process for determining, projecting, and prioritizing rebuild requirements of our Ground PEI's. Rebuild requirements for these PEI's equate to approximately 90% of Marine Corps Maintenance Program funds.

The ability to consistently execute 100% of the maintenance dollars allocated to MCLB Albany can be attributed to centralized control. The current method allows for flexibility of modifying the Depot Maintenance requirements to accommodate any changes to the Marine Corps customer requirements. The customer has a single point of contact for all maintenance related requirements. This MCLB establishes and controls rotation programs for its major Weapon Systems thereby reducing the Marine Corps' overall financial investment. We monitor customer's readiness and take immediate action as required to maintain the highest possible readiness rates.

We do not manage nor make decisions on an individual item or commodity basis. Under the Weapon System Management Team concept all Maintenance Management decisions are made and actions taken with full consideration given to the impact of these decisions on the readiness of the entire Weapon System/Equipment.

The Weapon System Team provides an enhanced knowledge base by the mix of military personnel who possess hands-on experience with the Weapon Systems. The military team members will be/have been our customer and when they return to the Fleet Marine Force, their knowledge gained as a part of the Weapon System Management Team, enables them to respond better to the logistics support requirements of their unit.

We are the central processing point for the Marine Corps wholesale materiel management system and provide a single point of contact for Maintenance Management and Weapon Systems life cycle management requirements. The direct and immediate link between the Weapons System Managers and Multi-Commodity Maintenance Center, Storage Activities, Blount Island Command, and the Comptroller results in optimum customer support and combat readiness. It minimizes the operating and support costs during the complete life cycle (cradle to grave) of Marine Corps Weapon Systems and Equipment.

17. Maintenance Management, continued

17.4 Specify any functions consolidated within your performance of Maintenance Management requirements, and any special or unique capabilities this activity possesses to provide Maintenance Management support.

The unique structure of the Weapon System Management Team concept allows the same team, which performs Readiness, Materiel and Acquisition Management, to accomplish Maintenance Management. This ensures that overall PEI and Secondary Depot Reparable requirements are planned, budgeted, and executed in a timely and effective manner.

The Equipment Specialists and Inventory Management Specialists work directly with the Weapon System Managers to determine optimum maintenance management methodology involving all echelons of repair and rebuild. Budget exhibits are developed to identify when funding for requirements is required for execution.

By being collocated with all support elements, close coordination with the Marine Corps Multi-Commodity Maintenance Center, Storage Activities, Contracts, Comptroller and field technicians is effected. This collocation of all support elements enhances a core industrial base and ensures requirements are expediently identified to all key elements of support and that depot repair is completed in a cost effective and timely manner. This is essential to mobilization and our ability to adjust to rapidly changing priorities, thereby maintaining a high state of Marine Corps readiness.

ACTIVITY: M67004

MISSION AREA

18. Acquisition Management

18.1 Identify the functions performed at this MCLB in support of the Acquisition Management program.

The functions of Acquisition Management include performing all facets of acquisition logistics management and program support by planning, developing, attaining, and controlling Weapon System/Equipment related components, support documentation, and test equipment required to ensure adequate, timely, and cost effective logistics support throughout the life cycle. We ensure the needed support base is identified, planned, programmed, developed, funded, procured, and concurrently issued with the Weapon System/Equipment.

18.2 Identify the customers to whom this activity provides Acquisition Management support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 18.2: Acquisition Management Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	100%	98%	96%	95%
Foreign Military Sales (FMS)	0%	0%	2%	4%	5%

18. Acquisition Management, continued

18.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other Activity provides Acquisition Management for the Marine Corps as defined in paragraph 18.1 preceding. MCLB Albany provides acquisition management and program support in both supporting and leading roles. In the supporting role, MCLB Albany provides input to the Integrated Logistics Support Plan and Material Fielding Plans; writes or provides input to Statements of Work for inclusion into solicitations; and provides logistics support advice/guidance, Logistics Element Management in the areas of Provisioning/Supply Support and Maintenance Planning. As the Weapon Systems/Equipment is fielded, the supporting role becomes one of leadership as life cycle management authority is delegated to MCLB Albany where there is a smooth integration of "Acquisition/Logistics support." By providing Acquisition Management at a central location (MCLB Albany) for the Marine Corps, we improve customer support, readiness, and minimize the operating and support costs of Marine Corps Weapon Systems/Equipment.

18.4 Specify any functions consolidated within your performance of Acquisition Management requirements, and any special or unique capabilities this activity possesses to provide Acquisition Management support.

The following Acquisition Management functions for the Marine Corps are consolidated, controlled and performed at MCLB Albany.

Performs financial management support by identifying and justifying procurement and repair requirements for all equipment commodities and logistics support functions through the POM and budget process. Monitors programming and directs execution of funds provided.

Determines and assigns Source, Maintenance and Recoverability Codes and other applicable maintenance/management codes to support the Marine Corps Maintenance philosophy.

Influences Weapon System design and end item configuration characteristics.

Determines the range and depth of spare/repair parts and initiates procurement action. Monitors attainment and conducts Initial Issue.

Determines and identifies requirements for the Engineering Data For Provisioning (EDFP) commonly referred to as "Reprocurement" or "Production" drawings. Develops the associated contractual documentation (Statements of Work, Contract Data Requirements Lists, etc.) to be included in the PEI contract for the procurement, delivery, receipt, verification and acceptance of EDFP.

Determines and identifies requirements for the Logistics Support Analysis Records, Level of Repair Analysis, Reliability Availability and Maintainability, Failure Modes Effects and Criticality Analysis, Reliability Centered Maintenance and Life Cycle Cost Analysis. Identifies, receives, reviews, analyzes, validates, and accepts or rejects data based upon contractual requirements/specifications.

Ensures that knowledge/experience gained during the acquisition process is resident within the WSM Team and can be applied to future problem solving.

MISSION AREA

19. Material Management

19.1 Identify the functions performed at this MCLB in support of the Material Management program.

The functions of Materiel Management at MCLB Albany are to control, execute, oversee, budget, procure, acquire, manage, support, maintain, repair, issue, phase out, and dispose of all assigned Weapon System/Equipment and supporting materiels.

19.2 Identify the customers to whom this activity provides Material Management support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 19.2: Material Management Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	98%	95%	95%	95%	95%
Other	2%	5%	5%	5%	5%

19.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Materiel Management for the Marine Corps as defined in paragraph 19.1 preceding. MCLB Albany's processes for accomplishing materiel management is an inherent part of Weapon System Management in the Marine Corps. This unique time-tested and proven concept results in exceptional dividends in support of the FMF.

19. Materiel Management, continued

It is the only central processing point for the Marine Corps wholesale materiel management system. Under the Weapon System Management Team concept, all Materiel Management support decisions are made and actions taken with full consideration given to the impact of these decisions on the readiness of the Weapon System/Equipment. We do not manage or make decisions on an individual item or commodity basis. MCLB Albany provides a single point of contact for materiel management and Weapon System life cycle management requirements. This results in optimum customer support and combat readiness, and minimizes the operating and support costs during the complete life cycle (cradle to grave) of Marine Corps Weapon System and Equipment.

The customer can obtain supply assistance at any time during the life cycle from a central point vice the fragmented, specialized management used by other agencies. By providing centralized technical, supply, repair, and readiness support, MCLB Albany responds quickly and effectively to customer requirements. Administrative lead time is cut to an absolute minimum. Stock denials, other related actions, and repair actions are immediately rectified/taken by having the storage site and repair facility collocated with the Weapon Systems Management team.

19.4 Specify any functions consolidated within your performance of Material Management requirements, and any special or unique capabilities this activity possesses to provide Material Management support.

Materiel Management at MCLB Albany is accomplished by the Weapon System Management Team which provides Integrated Logistics Support and Life Cycle Management. The team located at MCLB Albany includes Weapon System Managers; Equipment Specialists; Military Technicians and Specialists; Engineers; Catalogers; Reliability, Availability, and Maintainability Specialists; Configuration Managers; Nuclear, Biological, and Chemical Specialists; and Marine Corps Multi-Commodity Maintenance Center (MC3) representatives with Marine Corps-wide expertise. The team's composition provides an enhanced knowledge base by the mix of military personnel who possess hands-on field experience with the Weapon Systems. The military team members will be/have been our customers and when they return to the Fleet Marine Force, their knowledge gained as a part of the Weapon System Management Team enables them to respond better to the logistics support requirements of their unit. MCLB Albany has a direct and immediate link between the Weapon System Manager and MC3, Storage Activities, Blount Island Command, and Comptroller.

MISSION AREA

20. Configuration Management

20.1 Identify the functions performed at this MCLB in support of the Configuration Management program.

The function of Configuration Status Accounting is the gathering, recording, and reporting of information needed to manage the configuration of Marine Corps managed items effectively. The function of Configuration Status Accounting for the Marine Corps is only performed at MCLB Albany. We establish requirements for and develop all Statements of Work, and provide these requirements to the Program Manager; we serve as the Secretariat of the Configuration Control Field Board in the evaluation of Configuration Change Data for technical, economical, and logistical considerations, we maintain and update engineering data; we perform Physical Configuration Audits on as-built version of a configuration item against its design documentation; and we load and maintain configuration data in configuration automated systems.

20.2 Identify the customers to whom this activity provides Configuration Management support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 20.2: Configuration Status Accounting Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	82%	82%	82%	82%
Foreign Military Sales (FMS)	0%	18%	18%	18%	18%

20. Configuration Management, continued

20.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Configuration Status Accounting for the Marine Corps as defined in paragraph 20.1 preceding.

There are no other locations in the Marine Corps where this function is performed. The accomplishment of this function is currently located in the same building with other members of the Integrated Logistics Support Management Team. As such, this collocation fosters very close coordination of all aspects of Configuration Status Accounting, i.e., tracking of Engineering Change Proposals, convening Configuration Control Boards, working with Engineers performing Physical Configuration Audits of Weapon Systems, providing Catalogers and Equipment Specialists immediate access to engineering drawings of Weapon Systems, and working with the Weapon System Managers in maintaining the current configuration baseline of their weapon systems.

20.4 Specify any functions consolidated within your performance of Configuration Management requirements, and any special or unique capabilities this activity possesses to provide Configuration Management support.

This function is collocated with the Contracting Office which provides contracting services for reprocurement of spares. This close proximity provides MCLB Albany Contracting Officer immediate access to technical data packages which therefore reduces the administrative lead time of the reprocurement process. This ensures that the most current configuration of all weapon systems is procured.

In June 1992, Configuration and Logistics Management Information Program (CLIP) was installed at MCLB Albany as the DoD Configuration Status Accounting system. In January 1993, our current card-oriented Engineering Data Management Information Control System (EDMICS) was converted to a digitized data base system. The EDMICS is the repository which stores all Marine Corps engineering drawings and works in conjunction with CLIP to perform configuration status accounting. It is the long term plan to interface these two systems. Together they will provide MCLB Albany with an even greater capability to perform Configuration Status Accounting more cost effectively.

MISSION AREA

21. Cataloging

21.1 Identify the functions performed at this MCLB in support of the Cataloging program.

MCLB Albany has the only Federal Cataloging Activity in the Marine Corps. The function of Cataloging is the method of naming, numbering, and assigning management/ logistics data to an item of supply and maintaining it during its life cycle. The resulting comprehensive logistics information is needed to identify, requisition, ship, store, dispose of, or make logistics decisions related to an item of supply, equipment, or end item during its operational life cycle. Cataloging can be broken down into two major areas: initial cataloging and data maintenance cataloging.

Initial cataloging involves the cataloging of items of supply for which requirements have been identified through the provisioning process. Item descriptions and technical/ logistics management data are recorded for Marine Corps managed items. Action is taken to ensure that the Marine Corps is recorded as a registered user for items of supply.

Data maintenance cataloging begins after the weapon system has been fielded or the requirement exists for single items of supply not being provisioned to be entered into the DoD supply system. This cataloging encompasses maintaining/establishing the data resident in the Defense Logistics Information System to ensure the data is accurate and updated as required.

21.2 Identify the customers to whom this activity provides Cataloging support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 21.2: Cataloging Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	99.3%	95%	85%	85%
FMS	0%	.7%	5%	15%	15%

21. Cataloging, continued

21.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Cataloging Support for the Marine Corps as defined in paragraph 21.1 preceding.

Because the catalogers are collocated with the other members of the Integrated Logistics Support Management Team (i.e., Equipment Specialists, Inventory Management Specialists, Engineers, etc.), the Marine Corps realizes a high degree of exchange of information within this team. Travel costs and delays due to team members being located at other activities are nonexistent. Technical documentation reviews are conducted concurrently, thus eliminating the costly requirement for multiple sets of technical documentation. The location of these team members contributes significantly to the readiness of the Fleet Marine Force. The current methods employed provide a streamlined, efficient, and economical way to do business, while providing quality and timely service to retail and wholesale customers.

Marine Corps cataloging is geared toward the Weapon System Management philosophy. No other activity is configured in such a way to provide this type of support. Whereas catalogers at other services/agencies handle only items within specific Federal Supply Classes, the Marine Corps cataloger works with the full range of items within a designated weapon system, regardless of commodity or Federal Supply Classes.

21.4 Specify any functions consolidated within your performance of Cataloging requirements, and any special or unique capabilities this activity possesses to provide Cataloging support.

The current method of attaining NSN's for a Weapon System early in the acquisition process and prior to its fielding allows for the required support publications to accompany the principal end item upon fielding, as well as ensure that repair parts are properly identified to the retail users. Other activities do not put the same emphasis on the attainment of NSN's so early in the acquisition process. The Marine Corps method significantly contributes to the item entry control process and aids in the prevention of duplicate items entering the supply system.

ACTIVITY: M67004

MISSION AREA

22. Data Repository Management

22.1 Identify the functions performed at this MCLB in support of the Data Repository Management program.

The function of Data Repository Management at MCLB Albany includes maintaining storage, reproduction, and distribution of engineering drawings. This includes the operation of the Joint Engineering Data Management Information Control System (JEDMICS).

22.2 Identify the customers to whom this activity provides Data Repository support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 22.2: Data Repository Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	100%	100%	100%	100%

22.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Data Repository Management for the Marine Corps as defined in paragraph 22.1 preceding.

22. Data Repository Management, continued

The accomplishment of this function is currently located in the same building with other members of the Integrated Logistics Support Management Team. As such, this collocation fosters very close coordination required for all aspects of data repository management, i.e., tracking and storing of engineering change proposals, availability of engineering drawings for Configuration Audits of weapon systems, availability of engineering drawings for the Weapon System Managers, Catalogers, Equipment Specialists, Engineers, Multi-Commodity Maintenance Centers, and Contracting Officer. Currently, we have connectivity to approximately 12 remote sites which allows the viewing of on-line digitized drawings. This capability, coupled with the further development of Military Engineering Data Assets Locator Systems solidifies our position that there would be no increased productivity or savings in relocating this function. On the contrary, it would serve to disrupt and degrade our current cost effective customer support.

Based on customers supported, the current way of accomplishing data repository management for the Marine Corps is by far the most cost effective, economical way of doing business. To relocate or have this function performed by another DoD entity would degrade customer support and would not be in the best interest of the taxpayer.

22.4 Specify any functions consolidated within your performance of Data Repository requirements, and any special or unique capabilities this activity possesses to provide Data Repository support.

This function is an integral part of the engineering drawing process which also includes the engineering drawing support and configuration status accounting functions. The management of engineering drawings is performed at MCLB Albany. There are no other locations in the Marine Corps where this function is performed. This data repository management function is performed using a system called JEDMICS which is currently an aperture card-oriented system. The next phase of Engineering Data Management Information Control System (EDMICS) is a digitized data base system and was installed at MCLB Albany during January 1993. During the conversion of data from the old system to the new system, both systems are maintained and used. This system is the DoD Standard Repository System. The relocation of this function would not only mean relocating people but would be cost prohibitive due to the automatic data processing equipment required to accomplish this function. Additionally, the relocation would degrade the current cost effective support provided to our customers.

This Data Repository Management function is collocated with this MCLB Albany Contracting Office which provides contracting services for reprocurement of spares. This close proximity provides the Contracting Officer immediate access to technical data packages which, therefore, reduces the administrative lead time of the reprocurement process and ensures that the current configuration baseline of a weapon system is procured.

In June 1992, Configuration and Logistics Management Information Program (CLIP) was installed at MCLB Albany as the DoD Configuration Status Accounting system. JEDMICS, in conjunction with CLIP, will provide this Command with an even greater capability to perform data management responsibilities more cost effectively.

22. Data Repository Management, continued

A viable alternative which could be considered is to discontinue the installation of EDMICS and CLIP at other activities and allow the Marine Corps to become the DoD Centralized Data Repository for all other DoD Components.

23. Technical Publications Management

23.1 Identify the functions performed at this MCLB in support of the Technical Publications Management program.

The function of Technical Publications Management which includes developing, compiling, formatting, and producing Marine Corps equipment support technical publications is performed at MCLB Albany. These Technical Publications consist of SL-3's (Components Lists), SL-4's (Repair Parts List), Lubrication Instructions, Modification Instructions, Supply Instructions, Technical Instructions, changes and supplements to commercial, joint, and other services technical publications that have been adopted for Marine Corps use. We are also responsible for developing, compiling, and producing pen/ink changes and page replacements to update and maintain accurate data in the above publications, including Technical Manuals, and to produce revisions when the change level has exceeded 25 percent. This MCLB is also the sole source for the maintenance and production of the SL-1-2 (Listing of Marine Corps authorized equipment support publications) and manages and controls the NAVMC 10772 (Field Recommended Changes To Publications/Logistics-Maintenance Data Coding) Program for the Marine Corps.

23.2 Identify the customers to whom this activity provides Technical Publications support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 23.2: Technical Publications Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	95%	90%	90%	95%
FMS	0%	5%	10%	10%	5%

23. Technical Publications Management, continued

23.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Technical Publications Management for the Marine Corps as defined in paragraph 23.1 preceding.

MCLB Albany houses the only Electronic Technical Publication System in the Marine Corps. The advantages from the customers' point of view are that this is a centralized point for directing their inquiries to correct erroneous technical information and obtain the latest information concerning changes to manuals and authorized equipment support publications. It also provides one central source of digitized data for technical manuals. This System is Computer Aided Acquisition and Logistic Support compatible.

23.4 Specify any functions consolidated within your performance of Technical Publications requirements, and any special or unique capabilities this activity possesses to provide Technical Publications support.

This system is the repository as well as the tool for producing digitized and Standard Generalized Markup Language tagged data for all Marine Corps technical manuals. MCLB Albany is the sole source for producing and maintaining the SL-1-2. This is a listing that is used throughout the Marine Corps.

MISSION AREA

24. Engineering Drawings Support

24.1 Identify the functions performed at this MCLB in support of the Engineering Drawings support program.

The function of Engineering Drawing Support which includes the acquisition and authentication of technical data suitable for support of Marine Corps managed equipment and systems is performed at MCLB Albany. MCLB Albany is the Logistics Element Manager for the Marine Corps on engineering drawings. These drawings are reviewed during preparation for content, adequacy, and accuracy. The completed package is reviewed for acceptance or rejection.

24.2 Identify the customers to whom this activity provides Engineering Drawings support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 24.2: Engineering Drawings Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	84%	84%	84%	84%
FMS	0%	16%	16%	16%	16%

24.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Engineering Drawings Support for the Marine Corps as defined in paragraph 24.1 preceding.

24. Engineering Drawings Support, continued

The acquisition and authentication of Engineering Drawings is performed at MCLB Albany. There are no other locations in the Marine Corps where this function is performed. Engineering Drawing Support is performed within the same branch as Configuration Status Accounting and Data Repository Management. These three functions are interrelated and one cannot be performed without access to the other. The mere fact that the personnel performing these functions are centrally managed by one Branch Head provides continuity from the initial acquisition of the engineering drawings to the actual management of the drawings in the repository. The relocation of Engineering Drawing Support to any other location would create insurmountable coordination problems, would be detrimental to the accomplishment of this function, and would degrade the current cost-effective logistics support to the Fleet Marine Force.

Based on customers supported, the current way of accomplishing engineering drawing support for the Marine Corps is by far the most cost effective, economical way of doing business.

24.4 Specify any functions consolidated within your performance of Engineering Drawings support requirements, and any special or unique capabilities this activity possesses to provide Engineering Drawings support.

This function is an integral part of the engineering drawing process which also includes the Configuration Status Accounting and Data Repository Management function. Additionally, the accomplishment of this function is performed with other members of the Integrated Logistics Support Management Team (ILSMT) and the Contracting Office which provides contracting services for reprocurement of spares at MCLB Albany. As such, this collocation fosters the participation of the engineers as a member of the ILSMT and contributes significantly to the readiness of the FMF. The collocation of the engineers with the Configuration Status Accounting specialists and the data management repository increases the exchange of information and results in a much improved quality of engineering drawings for support of the FMF. Additionally, this close proximity provides the Contracting Officer immediate access to engineering support as needed for reprocurement support and as a result reduces the administrative procurement lead time. Another significant factor is the collocation of this function with the Weapon System Manager and MCLB Albany, Maintenance Directorate.

MISSION AREA

25. Technical Assistance

25.1 Identify the functions performed at this MCLB in support of the Technical Assistance program.

The function of Technical Assistance which includes providing technical research, information, and guidance to support and maintain equipment after fielding and ending with the removal of the equipment from the Marine Corps Supply System is performed at MCLB Albany. Technical assistance includes providing responses to engineering/technical support requests, conducting item reduction studies, processing non-system referrals, researching and resolving publication deficiencies and product quality deficiencies, and processing procurement referrals.

25.2 Identify the customers to whom this activity provides Technical Assistance for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 25.2: Technical Assistance Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	90%	85%	83%	86%	86%
Other	10%	15%	17%	14%	14%

25.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Technical Assistance for the Marine Corps as defined in paragraph 25.1 preceding.

An in-depth knowledge of the Marine Corps weapon systems is necessary to provide technical assistance. Many of the Logistics Data Managers are former Marines who have worked in organizational (2nd echelon) through depot (5th echelon) repair. They are well versed in using the Marine Corps publication system and the intricacies of the Marine Corps philosophy of maintenance. The availability of weapon systems stored at this Command (Albany and Barstow) or undergoing depot repair is an asset in determining actions to be taken while researching and resolving product quality deficiencies or engineering/technical support.

25. Technical Assistance, continued

25.4 Specify any functions consolidated within your performance of Technical Assistance requirements, and any special or unique capabilities this activity possesses to provide Technical Assistance.

The technical data required to research and resolve technical inquiries is resident at MCLB Albany. During the past year, approximately 115,000 technical assistance requests were received and processed. It is imperative that personnel performing this function be collocated with Weapon System Managers, cataloging, data maintenance, engineering support, and the data repository containing drawings and other data

If this function moved to another location, much of the specialized training possessed by resident personnel would be lost. Additionally, the cost of relocating the required tools, i.e., technical library, Electronic Technical Publications System, Engineering Data Management Information Control System, and cataloging personnel could certainly outweigh any cost savings realized by relocating. The collocation of the technical expert and the established tools is a key to successful mission accomplishment.

The customer would gain no advantage by transferring this function to another agency. Response times could double or triple in some cases because other Commands would not have all the tools centrally located for the functional expert to perform the mission. The centralized location of all the tools and experts continues to be the main ingredient of proven successes.

MISSION AREA

26. Reprocurement Support

26.1 Identify the functions performed at this MCLB in support of the Reprocurement Support program.

The function of Reprocurement Support is to provide technical assistance to customers in the acquisition of weapon systems and associated equipment from commercial sources is performed at MCLB Albany. This includes verifying the Engineering Data Packages, attending annual buy meetings, reviewing procurement history of required items, resolving technical problems arising after award of contracts, and participating in pre-award surveys as the technical representatives.

26.2 Identify the customers to whom this activity provides Reprocurement Support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 26.2: Reprocurement Support Customers

Customer	%				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	100%	100%	100%	100%

26.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Reprocurement Support for the Marine Corps as defined in paragraph 26.1 preceding.

The collocation of the technical expert and the established tools is a key to successful mission accomplishment. From the customer's point of view, the advantage of having Reprocurement Support located at MCLB Albany allows for this function to be performed quicker, better, and more cost effective. All customers who require Reprocurement Support are located at MCLB Albany. The face to face contact allows for the team approach to ensure that the customers specifications are met.

26. Reprocurement Support, continued

26.4 Specify any functions consolidated within your performance of Reprocurement Support requirements, and any special or unique capabilities this activity possesses to provide Reprocurement Support.

Reprocurement Support requires training and technical experience to support Contracts in the procurement process. Incomplete Technical Data Packages could result in excessive cost, purchase of obsolete items, and non-competitive buys. During the past year, approximately 2,800 reprocurement requests were received and processed. It is imperative that personnel performing this function be collocated with Contracts personnel, engineering drawings support personnel and the repository which contains engineering drawings and other pertinent data. If this function moved to another location, much of the specialized training possessed by resident personnel would be lost. Additionally, the cost of relocating the required tools, i.e., Technical Library, Joint Engineering Data Management Information Control System and historical procurement files could certainly outweigh any cost savings realized by relocating this function.

The customer would gain no advantage by transferring this function to another agency. Response time could double or triple in some cases because other Commands would not have all the tools collocated for the functional expert to perform the mission. The centralized location of all the tools and experts continues to be the main ingredient of proven successes.

If this function was not collocated with the contracts and data repository personnel, the following would occur:

- Create difficulty in identification of items.
- Increase sole source procurements.
- Increase change of procuring obsolete parts due to inaccurate technical data packages.
- Increase administrative lead time for procurements due to technical assistance having to be obtained via fax or mail.

All of the above could ultimately degrade readiness of the Marine Corps.

MISSION AREA

27. Clothing Specifications and Design Management

27.1 Identify the functions performed at this MCLB in support of the Clothing Specification and Design management program.

MCLB Albany has the only Clothing Design Activity in the Marine Corps. The function of Clothing Specifications and Design Management is to provide support for the officer and enlisted service, dress, and specialty uniforms under the auspices of the Marine Corps Uniform Board and Installation and Logistics at Headquarters Marine Corps. We design and manufacture prototype and experimental uniforms and uniform items. We develop, prepare, and validate specifications and related technical drawings associated with Marine Corps uniforms, uniform items, headwear, footwear, heraldic, leather, and textile items.

27.2 Identify the customers to whom this activity provides Clothing Specification and Design support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 27.2: Clothing Specification and Design Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	100%	100%	100%	100%

27.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Clothing Specifications and Design Management for the Marine Corps as defined in paragraph 27.1 preceding.

27. Clothing Specifications and Design Management, continued

27.4 Specify any functions consolidated within your performance of Clothing Specification and Design support requirements, and any special or unique capabilities this activity possesses to provide Clothing Specification and Design support.

Complete research and development efforts are conducted on all uniforms, accessories, heraldic items, insignia (metal, plastic, embroidered), footwear, equipage, etc., with technical assistance provided for chemical, cold weather, and all other equipment items. Complete design and pattern development efforts result in master patterns being provided to the buying Activity for government contract items and to commercial vendors for the optional item program. Quality Assurance is performed for all Clothing and Textiles products used by the Marine Corps. The complete specifications are developed in house for optional and officer items.

28. Printing Management

28.1 Identify the functions performed at this MCLB in support of the Printing Management program.

The function of Printing Management is to effect maximum efficiency and economy in the planning, preparation, production, and procurement of printed and reprographic materials required in accomplishing the mission of MCLB Albany. This includes the printing of all Marine Corps technical publications distributed to the FMF.

28.2 Identify the customers to whom this activity provides Printing Management support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 28.2: Printing Management Support Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Marine Corps Active/Reserve	100%	100%	100%	100%	100%

28. Printing Management, continued

28.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other activity provides Printing Management for the Marine Corps as defined in paragraph 28.1 preceding.

From the customer's point of view, the advantage of having Printing Management located at MCLB Albany allows for this function to be performed quicker, better, and more cost effective. All customers who require printing through Printing Management are located at MCLB Albany. The face to face contact allows for the team approach to ensure that the customers specifications are met.

28.4 Specify any functions consolidated within your performance of Printing Management requirements, and any special or unique capabilities this activity possesses to provide Printing Management support.

All customers who require printing through Printing Management personnel are located at MCLB Albany. These customers provide Technical Publications world-wide to Marine Corps users. Obviously, many tasks can be done quicker, better, and more economically when working face to face with the person with the functional expertise. Providing customer guidance on formats, layouts, and checking copy for quality and compliance to standards and specifications can all be done better when discussing the job directly with the customer, with materials in hand.

To transfer or relocate this function to another activity would require discussing layouts over the phone and faxing copies back and forth. This is inconvenient, time consuming, and increases the chance to err. It should also be noted that approximately 65 percent of all printing requirements are procured via the Defense Printing Office located at MCLB Albany. Sending printing requirements to an alternative source would result in a considerable delay in delivering publications to the Fleet Marine Force and create a shipping cost that is not required in the current system. Camera ready negatives for Technical Publications are currently stored at MCLB Albany. Providing procurement for reprint of technical publications from an alternate source would require establishing a negative storage vault at that source, capable of storing printing material for all technical publications in the Marine Corps system, or having the negatives forwarded to the alternative for each reprint action.

The final product produced by the Printing Management Services is printed material, i.e., Technical Publications, NAVMC Blank Forms, etc. These materials are stored at MCLB Albany prior to being shipped to customers in the FMF. Quality Assurance inspections of these materials would be costly and time consuming if performed by an off base Activity.

The current method of conducting business is the most cost effective way.

MISSION AREA

29. Contracting Support

29.1 Identify the functions performed at this MCLB in support of the Contracting Support program.

Planning, execution and administration necessary to effect contractual actions to obtain supply and service requirements for the Marine Corps Wholesale Supply System, Marine Corps Prepositioning Programs, Corporate Information Management Systems, installation support for MCLB Albany, and, as requested, other Federal Government activities.

29.2 Identify the customers to whom this activity provides Contracting support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 29.a.2: Contracting Support Customers

Customer	%				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (1 Oct-31 Mar)
Marine Corps	86%	87%	85%	89%	87%
Other DoD Agencies	9%	8%	9%	8%	11%
FMS	5%	5%	6%	3%	2%

29.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

Customers have the advantage of a collocated (except other DoD agency customers) and dedicated contracting office which is knowledgeable of their requirements, involved from initiation of requirements through completion of contract performance, and capable of employing the full range of available contracting techniques for a wide range of requirements. Reliance on other sources of contracting support would, at least in the case of Marine Corps customers (including Marine Corps supported FMS requirements), be less effective and efficient from coordination of requirements, communication, responsiveness and knowledge of programs.

29. Contracting Support, continued

29.4 Specify any functions consolidated within your performance of Contracting Support requirements, and any special or unique capabilities this activity possesses to provide Contracting Support.

Procurement of secondary depot reparables, assigned consumables, and commercial repair of equipment for life cycle support of Marine Corps managed weapon systems, plus shipboard and ground based contracted maintenance of MPF assets are major functions consolidated within this activity's performance of contracting support requirements. As to unique capabilities, while relatively small in size, the contracting office at this activity supports an unusually broad range of mission requirements using an extensive variety of contracting techniques.

29.A. Information Resources Support

29.A.1 Identify the functions performed at this MCLB in support of the Information Resources support program.

MCLB Albany maintains the only Central Design Activity in the Marine Corps with the responsibility for the development and maintenance of Marine Corps-wide automated logistics computer systems including wholesale, retail, and deployable, tactical support systems. It also supports Corporate Information Management (CIM) initiatives and the Joint Logistics Systems Center (JLSC) with installation of selected Migration systems. MCLB Albany is the selected site for implementation of the JLSC Functional Release I as the DoD Standard System. MCLB Albany also provides mobile training teams to the Fleet Marine Force (FMF) during testing, evaluation,and implementation of new computer systems and related software. MCLB Albany provides computer processing support for Marine Corps installations.

29.A Information Resources Support, continued

29.A.2 Identify the customers to whom this activity provides Information Resources support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 29.A.2: Information Resources Support Customers

Customer	%				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct - 31 Mar)
FMF Direct	33.4%	* 60.5%	35.6%	32.1%	30%
FMF Wholesale**	63.2%	37.0%	61.0%	64.4%	67%
Other ***	3.4%	2.5%	3.4%	3.5%	3%

*** FY-91 percentage increased due to support in Southwest Asia during Desert Shield/Storm.**

**** Reimbursable support to Corporate Information Management (CIM) for the DoD migrating system began in FY-92. CIM migrating systems will replace a large portion of the MC legacy systems, therefore shifting a percentage of Information Resources support to CIM.**

***** Includes support to 6th Marine Corps District, Atlanta, GA; 4th Marine Division, New Orleans, LA; Defense Logistics Agency, Albany, GA; Defense Financial Accounting Services, Kansas City, MO and Albany, GA; Blount Island Command, Jacksonville, FL; and Depot Maintenance Activity, Albany, GA and Barstow, CA (reimbursable dollars).**

29.A.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

Alternatives: Scattered processing, multi-data processing sites; single site megacenter concept.

Scattered processing disadvantages: specifically, concerns are focused upon the immediate adverse impact on Marine Corps readiness and mobilization/deployment capabilities. While the decentralized approach presents what may appear to be an obvious financial savings in the areas of software licensing and training, the technical complexities associated with accurate, timely, and dependable distributed information processing far outweigh any fiscal gains. In the current environment, with integrated files and all processing being accomplished at one site, assembling the required information is relatively simple. This process would become inordinately more complex if the asset records are maintained in a location at Robins AFB, financial records at SPCC, Mechanicsburg, PA,

29.A Information Resources Support, continued

and the asset posture for the Reservice Component and mobilization to MARCORLOGBASES, Albany, GA. Additionally, much of the information required for readiness reporting is furnished by the Marine Corps Headquarters System (HMSS). Adding to the number of sites from which the information must be furnished will greatly impact time required to prepare the necessary reports.

Single site megacenter processing concept. The Marine Corps has covered this ground before through its own evolution of computer systems development, creating a responsive interactive distributed network of processing activities able to support all Marine Corps users, Legacy Systems, and the CIM initiatives. Installing all at a single megacenter site will use the current Marine Corps infrastructure and, therefore, dramatically improve customer support with availability of the correct data, at the right time, and in the right system. This approach is more supportive to the user, positions the Marine Corps to more favorably meet future consolidation challenges, reduces the risk to the end user to acceptable levels, and provides greater success for the JLSC's Materiel Management Standard System (MMSS). The Marine Corps is scheduled to commence the move of IRM processing to the megacenter located at St. Louis, commencing July 1995 with completion by November 1995. As always, the primary issue is readiness of the Marine Forces.

29.A.4 Specify any functions consolidated within your performance of Information Resources support requirements, and any special or unique capabilities this activity possesses to provide Information Resources support.

Maintain MAGTF II/LOG AIS family of systems to accommodate Joint and USMC requirements. Enforce version control for all logistics retail and LOG AIS Marine Corps Warfighting Systems, provide single point worldwide distribution of all releases, a central repository for all mainframe and PC-based source, object, and users manuals, supervise acceptance by end user, and ensure Marine Corps standards are followed.

Complete support for Maritime Prepositioning Ships (MPS) Automated Information Systems.

Maintain and integrate those logistics automated information systems that deploy with Marine units and require joint interoperability.

Serve as primary liaison for the integration of Marine Corps requirements within migrating DoD systems. Perform the functional and technical tasks in support of the Initial Operating Site (IOS) for the DoD Materiel Management Standard System (MMSS).

Perform users manual preparation (write, modify, and publish) in support of logistics-related systems (MCLB Albany is the only location within the Marine Corps that prepares logistics-related users manuals required by FMF units to perform all wholesale, retail, and deployed systems daily tasks).

29.B. Other Logistics Support

29.B.1 Identify the functions performed at this MCLB in support of other logistics operations.

MCLB Albany maintains the only Mobilization, Performance Assessment and Maintenance Data Analysis Center in the Marine Corps. The Mobilization Branch coordinates the computation of War Reserve materiel requirements for programming/budgetary purposes and directly supports the mobilization/contingencies Marine-Corps wide. The Maintenance Data Analysis Center is a DoD mandated organization providing Reliability Centered Maintenance to develop equipment maintenance plans from designer and producer down to the ultimate user, resulting in safe, reliable, and maintainable equipment capable of performing the desired mission. Performance Assessment Branch performs quality control, Master Inventory File Updates and is the Management Control Activity for Government Furnished Materiel/Equipment and Loans.

29.B.2 Identify the customers to whom this activity provides other logistics support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 29.B.2: Other Logistic Operations

Customer	%/ DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct - 31 Mar)
FMF Direct *	98%	97%	97%	96%	97%
Other **	2%	3%	3%	4%	3%

* The Logistics Center provides direct support to all Marine Corps Operating Forces through the Mobilization Branch, Maintenance Data Analysis Center, Performance Assessment Branch, Prepositioning Support, Joint Maintenance Support Office, Marine Corps Maintenance Corporate Business Office.

** These totals reflect support for Foreign Military Sales and Small Business.

29.B. Other Logistics Support, continued

29.B.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

Alternatives: Dispersed sites to perform the mobilization withdrawal process, Quality Control function/Inventory Control, Management Control Activity and Reliability Centered Maintenance.

Dispersed processing disadvantages: The immediate concern would be the adverse impact on Marine Corps Readiness/mobilization effort. If relocated, the capabilities to perform the War Reserve Withdrawal process may be degraded. The Performance Assessment Branch if situated at a site not collocated with the Logistics Center may provide fragmented and untimely information concerning Product Quality Deficiency Reports, Reports of Discrepancy, Master Inventory File Updates and Management Control Activity Actions. The Maintenance Data Analysis could possibly be sited at Quantico, VA with the Program Managers and provide the same necessary support, but with Integrated Logistics Support Directorate receiving the propensity of Marine Corps maintenance data, the need to collocate is paramount.

Single Site Concept: The Mobilization Branch, Performance Assessment and Maintenance Data Analysis Center are all collocated to provide total Weapons System Management for all Marine Corps Operating Forces.

29.B.4 Specify any functions consolidated within your performance of other logistics operations requirements, and any special or unique capabilities this activity possesses to provide other logistics support.

The Mobilization Branch initiates the War Reserve Withdrawal process during mobilization/contingency periods. Performance Assessment Branch handles all Quality Control functions, Master Inventory File updates and Management Control Activities for Government Furnished Equipment/Materiel and Loans. The Maintenance Data Analysis Center provides Reliability Centered Maintenance and Class IX Part Blocks Information for all Marine Corps users. The collocation of these functions in the Logistics Center provides a total Logistics operation to the Marine Corps.

ACTIVITY: M67004

FEATURES AND FACILITIES

30. Personnel Resources

30.1 What percent of MCLB personnel are employed in maintenance-related activities? In training-related activities? In storage-related activities? In management and coordination functions? Comment other functional areas below. Breakout depot level activities from base activities in the charts below.

Table 30.1: Functional Support

MC3	Functional Area				
	Maintenance	Training	Storage	Management	Other
USMC Officers	.20%			.20%	
USMC Enlisted				.40%	
Other Services' Personnel					
Civilian Personnel	67.50%			1.40%	
NAF Workers					
Temporaries (Depot Only)	30.30%				
Total	98.00%			2.00%	

Logistics	Functional Area				
	Maintenance	Training*	Storage	Management	Other**
USMC Officers		.36%	.29%	1.94%	2.09%
USMC Enlisted		3.81%	.22%	2.30%	16.62%
Other Services' Personnel				.07%	
Civilian Personnel		.07%	12.81%	4.75%	54.67%
NAF Workers					
Total		4.24%	13.32%	9.06%	73.38%

*** Training includes Formal Schools**
**** Includes all other Logistics Support**

31. Facility Measures, continued

31.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories in Table 31.1, 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?

32. Physical Teardown and Logistics Demonstration

NOTE: Physical Teardown and Logistics Demonstration should be identified as a MISSION AREA.

32.1 Identify the functions performed at this MCLB in support of the Physical Teardown and Logistics Demonstration program.

The function of Physical Teardown and Logistics Demonstration (PTLD) of weapon systems is performed to verify and validate technical manuals, repair parts list, rebuild standards, engineering drawings, tool requirements and physical conformance of hardware to technical data packages. This PTLD is performed at MCLB Albany.

32.2 Identify the customers to whom this activity provides Physical Teardown and Logistic Demonstration support for the period requested. List specific customer activities which account for more than 10% of your total business in this area; customers which account for less than 10% may be aggregated.

Table 32.2: Physical Teardown and Logistics Demonstration Customers

Customer	% / DLMHs				
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)

Marine Corps Active/Reserve	100%	100%	100%	70%	70%
FMS	0%	0%	0%	30%	30%

32. Physical Teardown and Logistics Demonstration, continued

32.3 Identify alternative sources for this support to these customers. List the advantages and disadvantages, from the customer's point of view, of the current and alternative support methods.

NONE. No other Activity provides Physical Teardown and Logistics Demonstration for the Marine Corps as defined in paragraph 32.1 preceding.

Validation of repair parts necessary to maintain operational readiness is the advantage of PTLD. The verification of the actual hardware against the technical publications and engineering drawings is the real thrust of this function; therefore, the accessibility of major end items of equipment is absolutely essential. Without the equipment, neither the technical publications nor the drawings can be accurately validated.

32.4 Specify any functions consolidated within your performance of Physical Teardown and Logistics Demonstration requirements, and any special or unique capabilities this activity possesses to provide Physical Teardown and Logistics Demonstration support.

The single location is collocated with Weapon System Managers and all other members of the Integrated Logistics Support Management Team. This collocation fosters a high degree of exchange of information. Additionally, the performance of this function at MCLB Albany provides for immediate accessibility to engineering drawings, publications, and other pertinent data required for the PTLD. Illustrators and other technical publications personnel are accessible to the PTLD and can be used in support of this function.

The current location of this function provides ready access to the hardware which is stored at the MC3 Albany or at its associated storage facility. The accessibility to the MC3 provides easy cost-effective access for major assembly/disassembly of large end items. Without this capability, additional costs would be incurred to obtain this capability either through contractor or other government facilities. Additionally, transportation costs would be incurred for shipment of major end items to another facility.

This function is currently performed in the most cost efficient manner and significantly contributes to the readiness of the Marine Corps.

COSTS

33. Costs of Shipments

33.1 Identify the total annual costs to the DON to ship Not Ready For Issue (NRFI) vehicles, engines, and their components to this MCLB for repair and the subsequent return to the customer, in thousands of dollars ($ K) for the period requested.

Table 33.1: Costs for Shipments

	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
$ K					

NOTE: Information is not available as requested.

33.2 Identify the total annual Man Hours (MHs) of effort expended at this MCLB to administer, manage, or supervise these shipment transportation functions.

Table 33.2: Shipment Transportation Management

	FY 1990	FY 1991	FY 1992*	FY 1993*	FY 1994* (01 Oct-31 Mar)
MHs (K's)	75.6	281.3	29.9		

*** Information is not available after 31 March 1992 due to systems accounting change. Additionally, function transferred to DLA 19 July 1992.**

COSTS

34. Labor Rates

34.1 Provide the following actual rates per hour, less materials, for your Defense Business Operating Fund (DBOF) activity for FY 1990 through FY 1997. Reproduce the table as necessary if reporting different rate structures for different functional areas, specifying the Service Labor Rate for the functional areas identified.

Table 34.1: Labor Rates - Supply Management Business Area

	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Direct Labor Rate					22.91	23.37	21.61	22.16
Production Expense								
Overhead (G&A)								
Fully Burdened Rate								

NOTE: The Defense Business Operation Fund (DBOF), Supply Management Business Area sells commodity goods at a fully burdened cost. Included in computing the cost of commodity goods is labor cost. The above rate is representative of the average labor cost per hour for WSM DBOF funded personnel.

Table 34.1: Labor Rates - MC3

	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Direct Labor Rate	16.28	17.74	18.36	19.52	19.24	20.69	20.69	20.69
Production Expense	7.34	6.44	6.44	7.15	3.36	4.86	4.86	4.86
Overhead (G&A)	12.99	13.28	16.71	14.02	11.56	13.03	13.03	13.03
Fully Burdened Rate	36.61	37.46	41.51	40.69	34.16	38.58	38.58	38.58

(1) Fully Burdened Rate does not include direct material or surcharges.
(2) FY-94 = Depot Budget; FY-95 = President's Budget; FY-96 and FY-97 are straight-lined per FY-95 PresBud; FY-96/97 Depot Budget is currently being formulated.
(3) Due to the Marine Corps' Multi-Commodity Maintenance approach, the Fully Burdened Rate cannot be compared with the other services. In addition, this rate has not been leveled using the DOD Cost Comparability Handbook.

COSTS

35. Investments

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

Table 35.1: Capital Improvement Expenditure

Project	Description	Fund Year	Value ($K)
D86001	Radio Fire Alarm System	86	296
AL890R	Install Automatic RR Grade Signals	87	98
D87003	Roof Fans, Boyett Village	87	48
D87003	Install MARS Station Antenna	87	67
D87001	Renovate Bldgs 7964 & 7966	87	175
P-325	Fire Protection Improvements, Bldg 2200	88	1,459
AL702R	Upgrade Electronics Shop	88	263
AL612RS	Security Fence, Bldg 2200	88	168
87010L(R)	Upgrade Overhead Cranes	88	79
D88001	Racquet Ball Court, Boyett Village	88	90
D88002	Swimming Pool, Boyett Village	88	180
AL708R	Install Sprinklers Various Bldgs	88	80
87007L	Install Heaters, Bldg 2208	88	75
87012L	Install 60 Exhaust Fans, Bldg 2200	88	133
87011L	Broom Blvd Modifications	88	70
AL706R	Pave Perimeter Road	88	241
87009L	Railroad Track R-3	88	178
88089L	Storage Bldg, DMA Test Track	88	2
D88003	Fire Protection System, Bldg 1121	88	4
D88004	Chain Link Fence	88	4
88080L	Water Connection w/Albany WG&L	88	21
88099L	Lighting Front Entr/Patio, Bldg 3500	88	6

Project	Description	Fund Year	Value ($K)
88110L	Install Fence, Whse 1260	88	5
88023L	Community Recreation Area, Boyett Village	88	150
AL923RS	Class Room Conversion, Barracks 7104	88	179
AL851RS	UPS System, MCCDPA	88	447
AL705R	Install Fire Sprinklers, Bldg 3700	88	150
D88005	Flood Lights, Hill Village	88	23
AL927RS	Construct Security Vault, Bldg 1121	89	99
P-315	Test Track Facility	89	560
P-235	BEQ Modernization, Bldg 7102	89	923
P-250	Paint Preparation Facility	89	3,888
88020L	Concrete Pad, Bldg 1878	89	3
88077L	Tom Thumb Fire Alarms, Bldg 752	89	3
88114L	Construct 2 Metal Canopies, Bldg 2200	89	2
88014L	Install 11 Sunscreens, Whse Area	89	8
88124L	Install Forklift Platform, Bldg 2200	89	7
87028M	Fire Alarms 3600, 3010, & 1221	89	59
88024L	Upgrade Crane, Bldg 5400	89	72
88022L	Recreation Area, DMA	89	146
AL952R	Access Roads, Fire Training Facility	89	147
88120L	Mat Div Offices, Whse 1240	89	62
88119L	Pistol Range Improvements	89	70
AL925R	Non-Destructive Test Facility	89	164
85002M	Industrial Fueling Station	89	162
AL003R	Building 3600 Addition	89	150
88061R	Fence Scrapyard	89	18
89197L	Install Emergency Exit Lights, Bldg 752	89	2
89076L	Install Fence, Bldg 7500	89	1
89026R	Landscape Areas Around Bldg 2200	89	4
88029R	Install Sunscreen, Bldg 1210	89	15

Project	Description	Fund Year	Value ($K)
89020R	Install Grease Traps, VarLocs	89	10
89017R	Construct Close Combat Pistol Course	89	7
88030R	Install Patio Sunshield, Bldg 7121	89	7
89043M	Install Grounding Grid System	89	6
89089R	Construct Foyer, Bldg 3600 & 1221	89	16
89099R	Install Venetian Blinds, Bldg 1210	89	2
89126R	Electrical Hookup, 5 Trailers, DMA	89	21
89137R	Install Exit Door, Sewage Plant	89	1
89102R	Install New Hand Rails	89	7
89239R	Install Blinds, VIP Qtrs	89	3
89014L	Install Chain Link Fence, Boyett Village	89	59
88041E	Site Prep for ETPS, Bldg 3700	89	132
88037R	Install HVAC, VIP Qtrs 10201	89	28
87018R	DRMO Office Bldg	89	16
89198R	Install Shelter, Security Office 2200	89	4
86001R	Sump Pump Installation	90	60
89019R	Install Fence, Bldg 2650	90	8
89178R	Construct PMU Hazwaste Containment	90	22
89179R	Construct Fire Place, Qtrs 9511	90	5
89154R	Construct HazWaste Storage, Autodin	90	15
89225R	Security Fence Whse 1240	90	25
89233R	Install Parquet Flooring, Qtrs. 10500	90	7
88028R	Install Fire Alarm System, Bldg 7200	90	17
89021R	Install Flow Meters, IWTP, Bldg 2600	90	42
89039R	Relocate CWC 731, DMA	90	136
89086R	Install Security Doors, Whses	90	137
88057RM	Showers and Heads, Bldg 2200	90	124
AL013RS	Construct Hazwaste Storage, Bldg 5500	90	180
AL012RS	Construct Hazwaste Storage, Lot 1459	90	187

Project	Description	Fund Year	Value ($K)
AL907R	Employee Development Ctrs, DMA	90	170
89127R	Additional Lighting Whses	90	32
89129R	Toilet Addition, Bldg 2450	90	41
88068R	Alterations, Bldg 2203	90	161
89207R	Construct Sanitary Sewer Connection	90	12
90038R	Modify Dog Houses, Bldg 7521	90	5
90013R	Install Flow Meter, Bldg 1550	90	24
90037R	Install Grounds, Metrology Trailers	90	5
90087R	Install Fence, Fire Training Facility	90	15
90089R	Construct Drainage Trench, Bldg 2209	90	14
90099R	Install Truck Gate, Test Track	90	2
90172R	Install Mini Blinds, Qtrs, 9257-A&B, 9259-A, 1181	90	2
90048R	Install HVAC, Bldg 5500	90	52
AL950RS	Construct Classroom, Lower Deck, Bldg 7104	90	326
AL105R	Construct Addition, Chapel Annex, Bldg 7260	90	165
90098R	Install 55 Sunshields, VarLocs	90	53
89037R	Construct HazWaste Storage, DMA	90	160
P-310	TMDE Facility	91	2,701
P-605	IWTP Facility Improvements	91	888
AL704R	Construct Clear Span Roofs	91	88
AL929RS	TAVSC Addition, Bldg 3600	91	102
89146R	Expand Pub Storage Area, Whse 1121	91	52
88069RM	Renovate Shop 721, Bldg 2200	91	145
90212R	Construct Shelter Addition, Bldg 5506	91	17
90211R	Construct Pavilion, Barracks Area	91	25
90037R	Additional Ground Rods, Metrology Trailer	91	30
90022RM	Renovate Shop 711	91	129
AL809RS	Construct East Boundary Fence	91	93
AL112RS	Construct Sewage Lift Station, Bldg 1550	91	180

Project	Description	Fund Year	Value ($K)
AL014RS	Construct HazMat Storage Facility, Lot 1259	91	144
90182R	Install 3 New Freight Doors, Bldg 1221	91	40
AL113RS	Construct Safety Cover, Bldg 11200	91	96
90044ER	Install Paint Booth, Bldg 13[illegible]0	91	114
90138E	Install Detection System, Bldg 2222	91	18
91067R	Install Sink, Photo, Bldg 3600	91	4
91091R	Install Security Fence/Gates, Boyett Village	91	13
91105R	Install Canti-Lever Gate, IWTP	91	3
91104R	Install Ceiling Fans, CG's Conference Room	91	1
91120R	Construct Walkway, Bldg 5500	91	2
91154R	Install Vent Fan and Exhaust Hood, Bldg 2200	91	2
91141R	Install Double Doors Mech. Rm. Whse 1230/31	91	4
AL924R	Test Firing Range, DMA	91	184
ALH102R	Additional Ceiling Insulation	91	34
91050R	Install Exterior Lighting, DMA	91	115
91138R	Install Fence, DRMO Storage Area	91	32
D91001	Const Concrete, Bldg 2212	91	181
D91002	Const Concrete, Bldg 2208	91	169
D91003	Const Concrete, Bldg 2700	91	42
87020MR	Ventilation Repairs, Bldg 1121 & 1322	91	39
93010R	Drill Holes Under Pavement	92	2
89224R	Construct 100 M Test Firing Range	92	225
91014R	Construct Access Road, Test Track	92	132
AL102R	Expand Gymnasium Room, Bldg 7360	92	187
91178M	Install Meters, VarLocs	92	57
92042M	Install Window Heat Pump, 10499	92	1
92051R	Install Door, Whse 1350	92	2
92092M	Install Additional Lighting, Bldg 7521	92	4
92091R	Install 3 Elec Door Locks, PMO, Bldg 7520	92	6

Project	Description	Fund Year	Value ($K)
92114M	Drill & Install Conduits Test Track	92	4
92150R	Install Lighting Basketball/Tennis Ct., Boyett	92	11
92166R	Construct Storage Shed, Bldg 9300	92	1
92168R	Install Heat Pump, Qtrs 10497	92	1
92160R	Install Pre-School Toilet, Bldg 9700	92	3
92174R	Install PVC Conduit, Credit Union, Bldg 3600	92	2
92194M	Install Chainlink Fence, AC Unit, Bldg 7260	92	1
92199M	Install High Efficiency Purging System, Bldg 9700	92	7
92208R	Install Fence, Sunshields, 1363	92	11
92024R	Install Fall-Saver Cushioning, CDC	92	21
92039R	Install Lighting, Whse 1220	92	16
AL111RS	Addition to Fire House, Bldg 1210	92	134
P-245	Dynamometer Test Facility	92	1,569
89219R	Install Well Pump Controls	92	95
89212ER	Site Prep for Edmics	92	174
91020M	Brick Exterior Walls, Shop 721	92	92
AL940RS	Construct Ammo Bunker	93	140
92060M	Renovation of Northside of Bldg 2215	93	260
AL299R	Replace Windows & Doors, Bldg 3500	93	184
92082R	Construct Pesticide Mixing Area	93	37
92175R	Install Emergency Exit, Whse 1260, Bay 3	93	5
93004R	Demolish Vault, Bldg 1121	93	35
93003M	Install Automatic Gate Closer, Fac 2600	93	5
93025M	Install Fence & Gate, Bldg 1121	93	2
93027M	Install Fiber Optic Cable, Bldg 2200 to 2235	93	9
92214R	Construct Overhang/Awning Rear of Bldg 7520	93	4
93061R	Install Access Ladder on DAF Tank	93	3
93064R	Install Fencing, Bldg 7260	93	1
93101M	Install Exhaust Fan, Scullery, Bldg 7100	93	1

Project	Description	Fund Year	Value ($K)
93114M	Install Backflow Preventers, Boyett	93	25
92121R	Install Fluoride Equipment, Well House	93	14
93130R	Install Electric Water Heater, Mech Rm 67, 3500	93	4
93153M	Install Utility Data Collection & Billing System	93	25
93147M	Install Fence 7 Gates, POL Area, Repair Div	93	3
93154M	Install Safety Pool Covers, Fac #7972 &10220	93	6
93113R	Construct Parking Apron, Bldg 9201A	93	6
93185R	Install Safety Pool Covers, Fac # 1988 & 7380	93	10
93180R	Insulate Interior Walls & Ceiling, Bldg 2201	93	25
93121R	Provide Additional Street Lighting, Boyett/Hill	93	17
93183M	Install Fence w/Barbed Wire, Boyett Village	93	6
P-305	Abrasive Blast Facility	93	3,671
93217M	Install Conduits Under Roads/Railroad Tracks	93	5
93263M	Install Conduit Under Road, W. Matthews Blvd.	93	2
93138R	Repl Scale w/Electronic Scale. Fac # 1423	94	130
93067R	Construct Metal Building, DMA	94	254
93206R	Install Double Door/Heater, Bldg 2600	94	7
94025M	Install Fence Around Sunshield, Bldg 2200	94	6
94119M	Install Fire Supp System, Rangehood, 5584	94	1

NOTE: Information was extracted from Southern Division, Naval Facilities Engineering Command, Contracts Office, Contract Log dtd 18 May 94.

35. Investments, continued

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

Table 35.2: Planned Capital improvements

Project	Description	Fund Year	Value ($K)
AL9505R	Construct Addition, Bldg 1362	94	107
91089R	Construct Battery Room, Bldg 1363	94	73
AL9506R	Construct Veh. Rack/Drain Pit/Tanks	94	194
93173R	Install Emergency Power Generator	94	29
93138R	Replace Existing Truck Scales	94	97
93226R	Upgrade A/C, Bldg 3500	94	106
93067R	Construct Metal Bldg	94	530
93162R	Construct Auction Area/Bid Room	94	100
G95007	Construct Cafeteria	95	250
G95008	Construct Additional Hardstand	95	250
G95009	Construct Training Room, Bldg 2235	95	60
G95010	Construct Maint. Parts Storage Bldg	95	40
G95011	Office Space, Special Projects	95	65
AL9606R	Improvement to Oil Spill Containment Facility	95	180
P-800	Alternate Railroad	95	797
P-903	Separate Gas Main and Railroad	95	496
G95001	Close-in Clear Span B/N 733 & 732	95	55
G95002	Renovate Production Control Wiring, MC^3	95	200
G95003	Relocate Clean Room	95	55
G95005	Construct Haz Storage Bldg	95	200
G95006	Construct Counting Facility, Bldg 2700	95	150
G95004	Renovate Business Ctr Areas	95	200
G96001	Close in Area B/N 712/2201	96	50
G96002	Renovate Shop 712	96	50

Project	Description	Fund Year	Value ($K)
G96003	Refurbish Storeroom B	96	100
G96004	Modify Paint Chain Conveyor	96	200
G96005	A/C Non-Destructive Test Bldg	96	60
G96006	Construct Office, Material Handling	96	40
G96007	Construct New Paint Booth	96	300
G97001	Upgrade Lights CWC 750	97	50

NOTE: Information was extracted from Southern Division, Naval Facilities Engineering Command, Contracts Office, Contract Log dtd 18 May 94.

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

Table 35.3: Planned BRAC Capital improvements

Project	Description	Fund Year	Value
	NONE		

35. Investments, continued

35.4 Identify by Investment Category Code and Name (e.g. 05-Training Facilities; 14-Administration) the actual investment at your activity, to include all MCON, maintenance and repair, installed equipment, and minor construction, in thousands of dollars ($ K) over the period FY 1990 through FY 1994 for all your facilities. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 35.1-35.3 above.

Table 35.4: Historic Investment Summary

Investment Category	$ K
02 Communications Operations	175
04 Other Operations	346
05 Training Facilities	1,400
08 Other Maintenance Production	20,837
09 RDT & E	0
11 Ammo Supply Storage	355
12 Other Supply Storage	6,475
13 Medical	315
14 Administrative	12,848
15 Troop Housing	4,577
16 Other Personnel	5,969
17 Utilities	10,698
18 Real Estate	7,006
20 Family Housing	7,292
Other (specify)	
Equipment (other than Class 2)	0
Activity TOTAL	78,293

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

Total planned Investments = $ 112,437

35. Investments, continued

35.6 Provide a list of all other documented major facility deficiencies not addressed in questions 35.1-35.3 (e.g. major repairs) and the estimated cost to rectify each at this activity. Identify the reduction in operating costs anticipated in relation to each deficiency correction.

Table 35.6: Facility Deficiencies

Deficiency	Cost to Correct ($ K)	Result of Corrections
Rehab Warehouse Sprinkler Systems	482	Cost unavailable at present.

36. Resource Employment

36.1 Identify the total Direct Labor Man Hours expended in each of the following functional areas and program support areas. Provide the current capability (notional normal work week of 1-8-5) and the current capability if operating a full second shift.

Table 36.1.a: Functional Areas Performance Distribution (K's)

Functional Areas	DLMHs *	FY 1993 **	2nd Shift ***
Missiles			
Amphibians	293.6	286.4	286.4
Combat Vehicles	56.8	55.4	55.4
Automotive Equipment			
Tactical Vehicles	434.7	424.3	424.3
Construction Equipment	61.4	59.9	59.9
Electronic & Comm Systems	146.2	142.7	142.7
Ordnance, Weapons & Munitions	29.7	29.0	29.0
General Purpose Equipment	33.9	33.1	33.1
Other End Items	174.7	170.5	170.5
Manufacturing			
Formal Schools Training ****	43.0	43.0	0.0
Prepositioning Force Programs			

* **Represents DLMHs expended.**

** **Capability for FY 93.**

*** **Represents hours available in addition to a single shift operation.**

**** **Based on 17 instructors; 50 hour work week per year.**

36. Resource Employment, continued

Table 36.1.b: Support Areas Performance Distribution (K's)

Functional Area	FY 1993	2nd Shift
Storage & Distribution	*467	
Weapon Systems Management	*247	
Readiness Management	*49	
Maintenance Management	*90	
Acquisition Management	*151	
Material Management	*111	
Configuration Management	*50	
Cataloging	*86	
Data Repository Management	*33	
Technical Publications Management	*26	
Engineering Drawing Support	*43	
Technical Assistance	*63	
Reprocurement Support	*3	
Clothing Specifications & Design Management	*19	
Printing Management	*13	
Physical Teardown & Logistics Demonstration	*22	
Contracting Support	147	
Information Resources	**484	
Other Logistics Support	316	

NOTE: Includes civilian and military hours.

*** Represents the manhours essential to conduct Marine Corps Weapon System Management and Logistics Support to our reimbursable customers to include CIM/JLSC, U.S. Army, Navy International Programs Office, and Foreign Military Sales (Saudi Arabia, Australia, and Canada).**

**** Figure includes military hours & Depot Maintenance Activity, Albany, GA, and Barstow, CA (reimbursable hours).**

STRATEGIC CONCERNS

37. Location Factors

37.1 List, and indicate the distance in road-miles from your activity, all Interstate Highways, airports of embarkation, seaports of embarkation, and cargo rail terminals serving your facility.

Distance to Interstate Highways:

I-75 - 39 miles
I-85 - 90 miles
I-20 - 165 miles
I-10 - 101 miles
I-95 - 171 miles
I-16 - 86 miles

Distance to airports of embarkation:

Albany Airport (commercial) - 12 miles
Hartsfield International Airport (Atlanta, GA) - 175 miles
Jacksonville, FL International Airport - 200 miles
Columbus, GA Airport - 85 miles
Robins Air Force Base - 85 miles
Tallahassee, FL Airport - 90 miles

Distance to seaports of embarkation:

Jacksonville, FL - 200 miles
Savannah, GA - 210 miles
Garden City, GA - 213 miles
Pensacola, FL - 238 miles
Mobile, AL - 284 miles
Gulfport, MS - 357 miles
New Orleans, LA - 430 miles
Panama City, FL - 164 miles
Galveston, TX - 741 miles
Corpus Christi, TX - 969 miles
Yorktown, VA - 733 miles
Wilmington, NC - 488 miles
Norfolk, VA - 699 miles
Suny Point, NC - 476 miles
Brunswick, GA - 171 miles
Charleston, SC - 320 miles

Cargo Rail Terminals:

Norfolk Southern Railway, Inc. - 7 Miles

Atlantic and Gulf Railroad, inc. - 4 Miles
(connecting W/CST Transportation)

37.2 Does your activity have direct access to the commercial rail network? If not, identify the road-miles separating your facility from the nearest railhead/access.

YES. MCLB Albany has direct access to the railroads listed above.

37. Location Factors, continued

37.3 Specify any special strategic importance or other military value considerations accruing to your activity from its geographical location. Include the number of major customer activities located within a 500 mile radius of your activity.

MCLB Albany is strategically located in the southeastern United States in a region that is characterized by long warm summers and short, mild winters. Albany has historically been considered the transportation hub for southwest Georgia. Four-lane highways provide easy north-south, as well as east-west, access to major interstate trucking and bus services. Airports of embarkation and seaports of embarkation are readily accessible if required in case of mobilization. It is centrally located in the heart of the rail distribution system in the southeastern United States. Major cities include Atlanta, GA; New Orleans, LA; Jacksonville, FL; Charleston, SC; and Tampa, FL. All of these cities are linked with a commercial network of storage facilities and requisite rail facilities to move goods throughout the United States. Organizationally, MCLB Albany is a multi-faceted installation that is comprised of the required expertise to perform all aspects of integrated logistics support. It is the only Marine Corps activity providing total weapon systems management for the Fleet Marine Forces. The MC3 provides total repair and rebuild capabilities for all fielded Marine Corps weapons systems. State of the art automated data processing capabilities enable this activity to electronically connect with all Marine Corps Commands worldwide. The aforementioned capabilities indicate that MCLB Albany, GA, is well situated to provide total logistics support for all Fleet Marine Force units on the east coast and worldwide.

The major customers supported by this MCLB within a 500 mile radius are as follows:

Activity Name	Location	Support Function
U.S. Army Reserve	Atlanta, GA	Provide paint and corrosion control services.
Auto Contact Maint Plt., 4th MT BN	Augusta, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS CO 3rd BN I&I Staff 23rd Marines 4th MARDIV Naval & Marine Corps Reserve	Baton Rouge, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory CSSD-23 2nd FSSG MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ MAG-31 MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
MWSS-273 2nd MAW FMFLANT MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MACS-5 MACG-28 2nd MAW FMFLANT MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Code S4PC MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-42 DET C 4th MAW MARESFORE NAS	Belle Chase, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ BTRY 4th BN I&I Staff 14th Marines 4th MARDIV	Bessemer, AL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 4th BN 14th Marines 4th MARDIV	Bessemer, AL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS CO I&I Staff 1st BN 23rd Marines	Bossier City, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
TOW PLT HQ CO 23rd Marines 4th MARDIV FMF	Broussard, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ BTRY 4th Bn 10th Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP).
2nd Topographic Platoon 2nd Intelligence Company 2nd SRG II MEF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP).
PMO MCB	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCP).
Armory HQ BN 2nd MARDIV FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET Unitas XXVII 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd Medical BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory HQ CO 2nd Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 2nd BN 2nd Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory BLT 1/8 2nd MARDIV	Camp Lejeune NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd BN 2nd Marines 2nd MARDIV FMFLANT	Camp Lejeune NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ CO 6th Marine Regiment 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st BN 2nd Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 2nd BN 4th Marines 2nd MARDIV FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st BN 2nd Marines (S-4) 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 8th Marine Regiment 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
G-4 CO 3rd BN 8th Marines 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
BN Armory BLT 3/6	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd BN 2nd Marines 2nd MARDIV FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ Battery 10th Marines 2nd MARDIV FMFLANT Camp Lejeune	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).

Activity Name	Location	Support Function
Armory 1st BN 10th Marines 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 2nd BN 10th Marines 2nd MARDIV FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 3rd BN 10th Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 5th BN 10th Marines 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 2nd Combat Engr BN 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 1st BN 6th Marines 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC CO II MEF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC CO 6th MEB FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 22nd MEU FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 24th MEU	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
CE 26th MEU (SOC) DET K Unit 82224	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MSSG-22 2nd FSSG FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MSSG-26 2nd FSSG (REIN) FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MEU SVC SPT GRP-24 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory HQ&SVC BN 2nd SRIG II MEF FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd SRIG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance H&S CO 2nd LAI BN 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 8th ENGR SPT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd Tank BN Tank Maint 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd Radio BN 2nd SRIG FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd ANGLI CO 2nd SRIG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
8th Comm BN 2nd SRIG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 2nd ASLT AMPH BN 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 8th MTR TRANS BN 2nd FSSG (REIN)	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC BN 2nd FSSG (REIN) FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Supply CO 2nd SPT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd MT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD MT CO IW Shop 2nd MT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd Landing SPT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd Force RECON CO 2nd SRIG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
HQ SVC BN 2nd FSSG (REAR) FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st BN 14th Marines	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps ENGR School	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD Officer HQ SPT BN	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
SVC SPT Schools	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory RFLR DET	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ord Officer School of Infantry (East)	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory FLD Medical SVC School	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Deployment SPT Unit MML149 2nd SUP BN 2nd FSSG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
II MEF	Camp Lejeune, NC	Provide paint and corrosion control services.
C CO 4th Landing SPT BN 4th FSSG MCRC	Charleston, SC	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
4th MT BN I&I Staff 4th FSSG	Charlotte, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
M BTRY 4th BN I&I Staff 14th Marines 4th MARDIV	Chattanooga, TN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-14 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWSS-271 MWSG-27 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSS-274 MWSG-27 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).

Activity Name	Location	Support Function
H&HS-27 MWSG-27 2nd MAW MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MASS-1 MACG-28 2nd MAW MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
2nd LAAD BN MACG-28 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MACS-6 MACG-28 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
NWHS-2 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine TAC Air Cmd Sqdrn 28 MACG-28 MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ&HQSQDRN (Armory) MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd LAAM BN MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MMO CSSD-21 Supply 2nd FSSG MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ CO Comm CO I&I	Cincinnati, OH	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
D CO 8th Tank BN NMCRC	Columbia, SC	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
K CO 3rd BN 3rd PLT (REIN) 24th Marines 4th MARDIV ARRC	Evansville, IN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Defense Reutilization and Marketing Office (DRMO)	Fort Benning, GA	Provide services for demilitarization.
HQ, 18aBNCorps ACSRM	Fort Bragg, NC	Repair and Return (R&R) maintenance of Light Armored Vehicles (LAV's).
Armory Marine Corps Security Force BN	Goose Creek, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Comm CO HQ&SVC BN 4th FSSG 4th MARDIV USMCR	Greensboro, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
H&S BN Comm Co 4th FSSG NMCRC	Greensboro, NC	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Ammunition CO I&I Staff 4th SUP BN 4th FSS USMCR	Greenville, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
A CO 4th AAV BN I&I Staff 4th MARDIV	Gulfport, MS	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
AT (TOW) CO 8th Tank BN I&I Staff 4th MARDIV	Hialeah, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
K BTRY 4th BN 14th Marines	Huntsville, AL	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
K BTRY 4th BN I&I Staff 14th Marines 4th MARDIV	Huntsville, AL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Comm CO DET HQ BN I&I Staff 4th MARDIV FMF USMCR	Indianapolis, IN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
C BTRY 1st BN I&I Staff 14th Marines 4th MARDIV	Jackson, MS	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-42 DET A MARTC NAS Cecil Field	Jacksonville, FL	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Blount Island Command	Jacksonville, FL	Provide Non-destructive (NDI) and Radiography Services for the MPF Program.
Armory Marine Corps Security Force CO NAS Cecil Field	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-42 DET A 4th MAW NAS Cecil Field	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-26 MCAS New River	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-29 MCAS New River	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
MWCS-28 DET B 2nd MAW MCAS New River	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWSS-272 MCAS New River	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MATCS-28 MACG-28 2nd MAW MCAS New River	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
CO MCAS Armory	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H CO 3rd BN 24th Marines 4th MARDIV MCRC	Johnson City, TN	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Armory Marine DET USS Canopus (AS-34) Naval Sub Base	Kings Bay, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force Co Naval Sub Base	Kings Bay, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Strategic Weapons Facility, Atlantic	Kings Bay, GA	Calibration services for TMDE.
D CO 4th Combat Engr BN 4th MARDIV NMCRC	Knoxville, TN	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
1st MP CO H&S BN 4th FSSG NMCRC	Lexington, KY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
A CO 8th Tank BN	Louisville, KY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
C CO 4th Combat Engr BN 4th MARDIV AFRC	Lynchburg, VA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
MAG-41 DET B NAS Atlanta	Marietta, GA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
HQ SVC CO HQ SVC BN 4th FSSG	Marietta, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-42 4th MAW NAS Atlanta	Marietta, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-42 DET B NAS Memphis	Millington, TN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
MAG-42 DET B NAS MFS	Millington, TN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MATSG-90 Bldg S 238 Wing One NAS Memphis	Millington, TN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H CO 3rd BN 23rd Marines 4th MARDIV	Montgomery, AL	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Armory HQ&SVC CO 4th MARDIV FMF USMCR NMCRTC	New Orleans, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MCRD/ERR	Parris Island, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Aviation Trng Supt Grp Naval Air Training Command	Pensacola, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
SUP CO 4th SUP BN 4th FSSG NMCRC	Raleigh, NC	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H BTRY 3rd BN 14th Marines 4th MARDIV NMCRC	Richmond, VA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Defense General Supply Center	Richmond, VA	Provide R&R service for defective stock.
B CO 4th CBT ENGR BN I&I Staff 4th MARDIV	Roanoke, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ammunition PLT I&I Staff MCRTC 4th FSSG	Rome, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd BTO CO I&I Staff NMCRC	Savannah, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQUSCENTAF/LGS	Shaw AFB, SC	Repair services for USCENTAF Harvest Falcon Equipment.
4th ASLTPHI BN I&I Staff	Tampa, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MMO 4th ANGLI CO FMF USMCR TRNG CTR	West Palm Beach, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Blount Island Command	Jacksonville, FL	Provide Non-destructive (NDI) and Radiography Services for the MPF Program - WR

Activity Name	Location	Support Function
Defense Reutilization and Marketing Office (DRMO)	Fort Benning, GA	Provide services for demilitarization.
DoD IMM, Robins ALC	Warner Robins	Provide MC war reserve requirements/attainment data for planning/budgetary purposes.
Marine Forces as follows: MARRESFOR	New Orleans, LA	Provide data files, training, technical guidance, sustainment reports, withdrawal support in support of all aspects of the MC war reserve program (requirements determination, mobilization planning and execution). Providing logistics sourcing data for available assets and shortfalls during deliberate planning and crisis execution.
II MEF	Camp Lejeune, NC	Provide data files, training, technical guidance, sustainment reports, withdrawal support in support of all aspects of the MC war reserve program (requirements determination, mobilization planning and execution). Providing logistics sourcing data for available assets and shortfalls during deliberate planning and crisis execution.
DLA Depot	Albany, GA	Provide supply requisitions and any special shipping instructions in support of MC mobilization.
Fleet Marine Forces: Marine Corps Commodity Maintenance Center	Albany, GA	Provide electronic connectivity to the only Marine Corps engineering drawing data repository.
Blount Island Command	Jacksonville, FL	Provide QA oversight, policy guidance, and training for weapon systems managed and used within the Marine Corps.
Robins AFB	Macon, GA	LOA to provide emergency AUTODIN services. (Narrative message traffic.)
Federal Emergency Management Agency (FEMA)	Thomasville, GA	LOA to provide non-working hours emergency AUTODIN services. (Narrative message traffic.)
Blount Island Command	Jacksonville, FL	Physical security and crime prevention surveys.
National Guard, Reserve Forces	Southeastern GA area	Provide vehicle registration.
Federal Aviation Administration	Albany, GA	Provide photographic and lamination services for identification badges.

Activity Name	Location	Support Function
Dougherty County School System	Dougherty County	Drug Awareness resistance Education (DARE) training.
HQ Sixth Marine Corps District	Atlanta, GA	Full civilian personnel management services and payroll support.
HQ 5th Combat Communications Group	Robins AFB, GA	Food services for field exercises.
Bruce Jones Co.	Bldg. 5400, MCLB Albany	Contractor Operated Parts Store (COPARS). Provides repair parts for GME equipment.
Albany Fire Department	Albany, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Worth County EMS/Fire Department	Worth County, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Sylvester Fire Department	Sylvester, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Lee County Fire Department	Lee County, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Leesburg Fire Department	Leesburg, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Camilla Fire Department	Camilla, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Baconton Fire Department	Baconton, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Newton Fire Department	Newton, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Dawson Fire Department	Dawson, GA	Mutual Aid Support (Apparatus, equipment and personnel for fighting fires and hazardous material accidents).
Public, private, and/or church schools	Dougherty, Lee, Worth, Tift, Crisp, Mitchell and Cook counties	Public Fire Safety & Education Support (Sesame Street Fire Dept., "Freddie" the Fire Truck, "Sparky" the Fire Dog "Oscar" the Grouch, "The Fireman," and other characters and fire prevention booklets and brochures to hand out.

Activity Name	Location	Support Function
Festivals and parades	Dougherty, Lee, Worth, Tift, Crisp, Mitchell and Cook Counties	Fire Safety Training Support.
Georgia Public Service Training Center, Proctor & Gamble paper Products, Merck & Co., Georgia Pacific, and all nearby counties	Dougherty, Lee, Worth, Tift, Crisp, Mitchell. and Cook counties	Fire Safety Training Support.
U.S. Army-ROTC Instr. at Albany State College	3rd ROTC Region Ft. Riley, KS	Housing services - Lease agreement with sponsor.
U.S. Army Recruiter	U.S. Army Recruit Bn, Jacksonville, FL	Housing services - Lease agreement with sponsor.
U.S. Air Force Recruiter	Moody Air Force Base, GA	Housing services - Lease agreement with sponsor.
U.S. Navy Recruiter	NAS Atlanta, GA	Housing services - Lease agreement with sponsor.
U.S. Marine Corps Recruiter	USMC Recruiting Station, Jacksonville, FL	Housing services - Lease agreement with sponsor.
U.S. Army National Guard	24th Inf. Div., Ft. Stewart, GA	Housing services - Lease agreement with sponsor.
Civilian -- prior active duty personnel authorized to retain quarters on a rental basis.	Albany, GA	CG letter approving retention of quarters on rental basis for a specified time.
Simulation, Training and Instrumentation Command (STRICOM)	Orlando, FL	Contracting Support and legal review and counsel on Army acquisition; advice and guidance on small business affairs.
U.S. Army Safety Center	Ft. Rucker, AL	Contracting Support.
Blount Island Command	Jacksonville, FL	Mainframe Computer Processing.
4th Marine Division	New Orleans, LA	Mainframe Computer Processing.
4th Marine Air Wing	New Orleans, LA	Mainframe Computer Processing.
8th Marine Corps District	New Orleans, LA	Mainframe Computer Processing.
Blount Island Command	Jacksonville, FL	Network and PC support (Acquisition install maintenance).

Activity Name	Location	Support Function
2nd FSSG	Camp Lejeune, NC	Receipt, storage, care-in-store, packing and shipment of medical supplies and equipment as requested by Commander, Medical Logistics Company. Material consists of 30 days of War Reserve supply.
81st Army Reserve Command	Atlanta, GA Fort Gillem, GA Jacksonville, FL Orlando, FL Miami, FL	Provide detachment of Marines, tools, and test equipment to perform organizational/ intermediate level maintenance on ground combat equipment (motor transport, engineer, communications/electronics) in support of the Army Reserves in remote locations.
II MEF	Camp Lejeune, NC	Developed a preservation training program and provided classroom and hands-on demonstrations of preservation techniques, methods, standard tools and equipment, and best practices to approximately 75 personnel of the FMF. Funded by II MEF and guided by our lesson plans.
2nd MAW	MCAS Beaufort, SC	Developed a preservation training program and provided classroom and hands-on demonstrations of preservation techniques, methods, standard tools and equipment, and best practices to approximately 75 personnel of the FMF. Funded by II MEF and guided by our lesson plans.
ASC/YOC	Eglin AFB, FL	MCU2/P gas mask testing.
Marine Corps Recruit Depot	Parris Island, SC	Contingency planning
Marine Corps Reserve Units	44 Marine Corps Reserve Units	Provide reserve technical assistance in Maintenance.
MARRESFOR, New Orleans, LA	44 Marine Corps Reserve Units	Certify for payments all transportation costs related to the movement of Marine Corps reserve personnel and equipment world-wide; formulation/execution of Depot Level Maintenance O&M, MCR budget; formulation/execution of Defense Business Operations Fund (DBOF) and PMC Budgets for Marine Corps-wide replenishment and initial SPARES secondary requirements.
Naval Reserve	Albany, GA	TAVSC Branch provides audiovisual equipment, software arts and graphic arts services.
Marine/Navy Reserve	Albany, GA	DSSC Branch provides materiel support.

Activity Name	Location	Support Function
HQ, 18A BN Corps ACSRM	Fort Bragg, NC	Provide services for demilitarization.
Defense Reutilization and Marketing Office (DRMO)	Fort Benning, GA	Provide services for demilitarization.
Naval Audit Service (Audit specific)	Albany, GA Barstow, CA	Provide data files, extract reports and technical information in support of MC war reserve audits.
All major Commands and Marine Corps Reserve Units within 500 miles.	11 major Commands and 44 Marine Corps Reserve Units	Provide WSEM and life cycle support for all fielded ground weapon systems. Weapon Systems Management, Readiness Management, Maintenance Management, Materiel Management, Configuration Management, Cataloging, Data Repository Management, Acquisition Management, Technical Publications Management, Technical Asst., Reprocurement Support, Clothing Specification and Design, Printing Management, Physical Teardown, Logistics Demonstration.
Fleet Marine Forces: Includes all major Commands and Bases, MEF's, MARDIV's within a 500 mile radius.	11 major Commands	Production of Class IX Maintenance Support Packages.
Fleet Marine Forces: Includes all major Commands and Bases, MEF's, MARDIV's within a 500 mile radius.	11 major Commands and 44 MC Reserve Units	Develop and maintain all Logistics systems that support the Operating Marine Forces. These systems support supply and maintenance activities, deployment planning and execution, and redeployment at the conclusion of an operation. Also, on site training.
Fleet Marine Forces: Includes all major Commands and Bases, MEF's, MARDIV's within a 500 mile radius.	11 major Commands and 44 MC Reserve Units	Certify for payment all transportation costs related to the movement of Marine Corps personnel and equipment worldwide, formulation/execution of Defense Business Operations Fund (DBOF) and procurement Marine Corps (PMC) budgets for Marine Corps-wide replenishment of initial spares secondary requirements.
Fleet Marine Forces: Includes all major Commands and Bases, MEF's, MAW'S, MARDIV's and most Reserve Units, Recruiting Centers within a 500 mile radius.	11 major Commands and 44 MC Reserve Units	Act as the single USMC point of contact for USMC PQDR Originators per MCO 4855.10B. Function as the centralized control point for submission, tracking, evaluation and monitoring ROD's submitted to the Marine Corps.

Activity Name	Location	Support Function
MCLB	Albany, GA	Manage the Material Release Order follow-up program.
All Marine Corps Bases, Camps, Posts, Stations, Recruiting Depots, and other Installations within a 500 mile radius.	11 major Commands and 44 MC Reserve Units	Price Challenge Program/Price Verification.

STRATEGIC CONCERNS

38. Contingency and Mobilization Features

38.1 Identify the covered and uncovered, storage and industrial space at this MCLB which is currently surplus to the planned need, expressed in thousands of square feet (KSF).

Surplus Storage

KSF	Covered	Uncovered
Storage	NONE	NONE
Industrial	NONE	NONE

NOTE: MCLB Albany was originally designed and laid out to include 4,590KSF of additional covered storage and 4,220KSF of additional uncovered storage. The infrastructure for this expanded storage was installed with the original construction of the Base, but the additional warehouses and open lots were not built. MCLB Albany currently has the space and infrastructure capacity to expand its covered storage by 4,900 KSF and its uncovered storage by 1,800 KSF (2,420KSF of the original planned open storage has been used for the new test track).

38.2 Identify any additional space in these categories programmed to be available by FY 2001.

Surplus Storage Available by FY 2001

KSF	Covered	Uncovered
Storage	NONE	NONE
Industrial	NONE	NONE

38.3 Identify the amount of available other DoD or commercial activity storage or

industrial space available to this MCLB that is within a one day rail trip of the MCLB. Include any physical restriction (e.g. road limitations) that might apply should those facilities be used for facility augmentation or in an emergency.

This Command is located centrally between Fort Benning Army Training Center in Columbus, GA; Robins Air Force Logistics Center in Warner Robins, GA; and Blount Island Command, Jacksonville, FL. These facilities are within a one-day rail trip from this MCLB with special transportation arrangements. These Commands may provide limited support if required. There are no known physical restrictions that apply.

39. Natural Inhibitors to Operations

39.1 Identify the percent of the planned work schedule at the facility (averaged by month) that was interrupted by local weather or climatic conditions for the period FY 1990 - FY 1993 (i.e., how many man-days were lost annually by month because of hurricane, tornado, earthquake, blizzard, below freezing temperatures, or other performance-impinging climatic conditions?).

Table 39.1.a: Impact on MCLB Operations

	January	February	March	April	May	June
Average % Schedule Interrupted	0	0	0	0	0	0

Table 39.1.b: Impact on MCLB Operations

	July	August	September	October	November	December
Average % Schedule Interrupted	0	0	0	0	0	0

CUSTOMERS

40. Support of the Operating Forces

40.1 Identify all functions and activities this MCLB performs in direct support of the active operating naval forces.

As the only Logistics Center for the Fleet Marine Force, the majority of the functions performed at this MCLB fall within the boundaries of the major functional areas listed below. It should be noted that these functions are performed for the entire spectrum of Weapon Systems or missiles; amphibians; combat vehicles; automotive equipment; tactical vehicles; communications and electronic equipment; ordnance, weapons, and munitions; general purpose equipment, as well as other end items. Immediately after the list of major functions, you will find more detailed breakdown of the functions and activities this MCLB performs in support of the active Naval Operating Forces.

The MCLB performs the following functions:

- Weapon Systems Management
- Maintenance Management
- Engineering Drawings Support
- Technical Assistance
- Reprocurement Support
- Clothing Specification & Design Management
- Printing Management
- Physical Teardown & Logistics Demonstration
- Technical Publications Management & Readiness Management Support
- Materiel Management
- Configuration Status Accounting
- Cataloging
- Data Repository Management
- Acquisition Management
- Contracting
- Information Resources

It should be noted that the functions identified above are performed for the entire spectrum of Weapon Systems listed below:

- Missiles
- Amphibians
- Combat vehicles
- Automotive Equipment
- Tactical Vehicles
- Construction Equipment
- Communications & Electronic Equipment
- Ordnance, Weapons & Munitions
- General Purpose Equipment
- Other End Items

40. Support of the Operating Forces

The following active Operating Naval Forces are supported:

Activity Name	Location	Support Function
Marine Corps Systems Command	Quantico, VA	Provide for total operation and execution of the Marine Corps Automatic Test Equipment Program.
Marine Corps Systems Command	Quantico, VA	Provide original design, prototype, and development services and limited fabrication of new components and systems.
Marine Corps Systems Command	Quantico, VA	Provide technical support services in all Electromagnetic Environmental Effects matters relating to Electro-Static Discharge (ESD), Electromagnetic.
Marine Corps Systems Command	Quantico, VA	Compatibility/Interference Intermodulation Interference, Radio Frequency Interference, and Electromagnetic Pulse.
Marine Corps Systems Command	Quantico, VA	Provide evaluation, analysis, and technical assistance to users of the Unit Level Circuit Switch (ULCS).
Marine Corps Systems Command	Quantico, VA	Provide for total operation and execution of the Marine Corps Automatic Test Equipment Program.
Marine Corps Systems Command	Quantico, VA	Provide original design, prototype, and development services and limited fabrication of new components and systems.
Marine Corps Systems Command	Quantico, VA	Provide evaluation, analysis, and technical assistance to users of the ULCS.

Activity Name	Location	Support Function
Marine Corps Systems Command	Quantico, VA	Develop and provide a field deployable Electronic Repair Capability, through the Microminiature Repair Facility (MRF) Project, which gives the FMF the capability to perform extensive repairs on Communications/Electronics Systems, Weapons Systems, equipments and subsystems to include the repair of circuit card assemblies, removal and replacement of discrete components to include microcircuits.
Marine Corps Systems Command	Quantico, VA	Repair, maintenance, and calibration of all types of surveying and meteorological equipment on an exchange basis annually (Survey Instrument Exchange Program (STEP).
Marine Corps Systems Command	Quantico, VA	Calibration and repair services for all small caliber infantry weapons gages on an exchange basis annually (Infantry Weapons Gages Calibration Exchange Program (IWGCEP)).
MWSS-174, MAG-24, 1st MEB	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (SIEP).
MASS-2 MACG-28, 1st MAW FMFPAC	FPO AP96603 8753	Calibration, Repair Maintenance, Overflow Support (SIEP).
HQ BTRY 4th Bn 10th Marines	Camp LeJeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP).
2nd MARDIV FMFLANT	Camp LeJeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP).
2nd Topographic Platoon	Camp LeJeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP).
2nd Intelligence Company	Camp LeJeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP).
2nd SRIG II MEF	Camp LeJeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP).
3rd Topographic Platoon	FPO AP 96506 5606	Calibration, Repair Maintenance, Overflow Support (SIEP).
3rd Intelligence Company	FPO AP 96506 5606	Calibration, Repair Maintenance, Overflow Support (SIEP).

Activity Name	Location	Support Function
3rd SRIG III MEF	FPO AP 96606 5606	Calibration, Repair Maintenance, Overflow Support (SIEP).
1st FSSG FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (SIEP).
3rd FSSG FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (SIEP).
Marine Corps Admin Detachment	Fort Leonard Wood, MO	Calibration, Repair Maintenance, Overflow Support (SIEP).
Marine Corps Admin Detachment	Fort Sill, OK	Calibration, Repair Maintenance, Overflow Support (SIEP).
U.S. Army Field Artillery School	Fort Sill, OK	Calibration, Repair Maintenance, Overflow Support (SIEP).
MAG-11, MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-12, CMCC, MCAS	Iwakuni, Japan	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-13, MCAS	Yuma, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-14, 2nd MAW FMFLANT	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-16 3rd MAW FMFPAC MCAS Tustin	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-24 1st MEB FMFPAC MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-26 MCAS New River	Jacksonville, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-29 MCAS New River	Jacksonville, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-36 1st MAW FMFPAC Unit 37141 MCAS Futema Camp S. D. Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
PASD MAG-39 3RD MAW MCAS FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWCS-18 MACG-18 1st MAW FMFPAC Unit37181 Camp Foster	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWSS-171 MWSG-17 1st MAW FMFPAC MCAS	Iwakuni, Japan	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).

Activity Name	Location	Support Function
MWSS-172 MWSG-17 1st MAW FMFPAC Unit 37206 MCAS Futema	Okinawa	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSG-17 unit 37190 1st MAW Camp Kinser	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWCS-28 DET B 2nd MAW MCAS New River	Jacksonville, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQSVCCO OCS MCCDC	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWSS-271 MWSG-27 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSS-272 MCAS New River	Jacksonville, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSS-273 2nd MAW FMFLANT MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSS-274 MWSG-27 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
H&HS-27 MWSG-27 2nd MAW MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWCS-38 MACG-38 3rd MAW FMFPAC MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Station Armory (LSPA) MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWSS-371 MWSG-37 3rd MAW FMFPAC MCAS	Yuma, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWSS-372 MWSG-37 3RD MAW FMFPAC MCB	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSS-373 MWSG-37 3rd MAW FMFPAC MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSS-374 S-4 Armory 3rd MAW FMFPAC MCAS (H) Tustin	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSG-37 3rd MAW FMFPAC MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
AGSE Armory MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MASS-1 MACG-28 2nd MAW, MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
MASS-2 Unit 37211 MCAS Futema	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MASS-3 MACG-38 3rd MAW	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st Stinger Battery Unit 37232 MCAS Futema	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd LAAD BN MACG-28 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
3rd LAAD BN MACG-38 3rd MAW FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MACS-1 MACG-28 2nd MAW FMFLANT MCAS	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAC-5 MACG-28 2nd MAW FMFLANT MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MACS-6 MACG-28 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MACS-7 MACG-38 3rd MAW FMFPAC MCAS	Yuma, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MAG-24 MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Amphibian Vehicle Test Branch Tactical Systems Support Activity	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MTACS-18 Unit 37176 MCAS Futema	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
TACS-38 MACG-38 3rd MAW FMFPAC MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MATCS-18 1st MAW FMFPAC SQDRN Armory Unit 37186	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MATCS-38 MCAS Tustin	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MACS-4 MACG-18 1st MAW Unit 37215 MCAS Futema	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MALS-36 1st MAW MCAS Futema	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWHS-1 Unit 37121 Camp Foster	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
NWHS-2 2nd MAW FMFLANT MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWHS-3 MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine TAC Air Cmd Sqdrn 28 MACG-28 MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MATCS-28 MACG-28 2nd MAW MCAS New River	Jacksonville, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-46 HMM-764 Ordnance MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ&GQSQDRN (Armory)	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
CO MCAS Armory	Jacksonville, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Code S4PC MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Station Armory (1EK) HQ&HQSQDRN MCAS EL Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Staff NCO Academy MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Staff NCO Academy MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
S-4 Station Armory MCAS	Yuma, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ&HQSQDRN MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Air Facility	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
PMO MCB	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Aviation Training Support Group Naval Air Training Command	Pensacola, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MATSG-90 Bldg S238 Wing One NAS Memphis	Millington, TN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MALS-16 MAG-16 3rd MAW FMFPAC MCAS Tustin	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
MALS-36 MAG-36 Unit 37141	FPO AP 96603 7141	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory SVC CO HQ BN 1st MARDIV	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 1st Marines 1st MARDIV (REIN) FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st BN 5th Marines 1st MARDIV (REIN) FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd BN 5th Marines 1st MARDIV	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st BN 9th Marines 1st MARDIV (REIN) FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st BN 4th Marines 1st MARDIV	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ CO 5th Marines 1st MARDIV FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd BN 9th Marines	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd BN 1st Marines 1st MARDIV (REIN) FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd BN 5th Marines 1st MARDIV FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO RCT-7 1st MARDIV (REIN) MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd BN 7th Marines 1st MARDIV (-) (REIN) FMF	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd BN 9th Marines 1st MARDIV FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd BN 7th Marines 1st MARDIV (REIN) MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ Battery 11th Marine Reg 1st MARDIV	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Ordnance 1st BN 11th Marines 1st MARDIV	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Ordnance 2nd BN 11th Marines	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).

Activity Name	Location	Support Function
Ordnance 3rd BN 11th Marines 1st MARDIV FMFPAC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Ordnance 5th BN 11th Marines 1st MARDIV (REIN) FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st Combat Engineer BN 1st MARDIV FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 1st RECON BN 1st MARDIV FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ BN 2nd MARDIV FMF	Camp LeJeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET Units XXVII 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd Medical BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 2nd Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 2nd BN 2nd Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory BLT 1/8 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd BN 2nd Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ CO 6th Marine Regiment 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1stBN 2nd Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 2nd BN 4th Marines 2nd MARDIV FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st BN 2nd Marines (S-4) 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd RECON BN	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 8th Marine Regt 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
G-4 CO 3rd BN 8th Marines 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
BN Armory BLT 3/6	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd BN 2nd Marines 2nd MARDIV FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ Battery 10th Marines 2nd MARDIV FMFLANT Camp Lejeune	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 1st BN 10th Marines 2nd MARDIV FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 2nd BN 10th Marines 2nd MARDIV FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 3rd BN 10th Marines 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 5th BN 10th Marines 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory 2nd Combat Engr BN 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory Sub Unit One Camp Fuji	Japan	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 3rd Marine Regt (REIN) 1st MEB FMF MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd BN 3rd Marines 1st MEB MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd BN 3rd Marines	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 9th Marines 3rd MARDIV FMFPAC Unit 36000	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory H&S CO 1st BN 7th Marines 1st MARDIV MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO 1st BN 7th Marines Unit 13170 S-4 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st BN 6th Marines 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 4th Marines 3rd MARDIV FMFPAC Unit 35970 Camp Schwab	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory 3rd BN 3rd Marines 3rd MARDIV (REIN) FMF Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd BN 3rd Marines 3rd MARDIV Unit 82064 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
3rd BN 7th Marines 1st MARDIV (REIN) MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ BTRY 12th Marines 3rd MARDIV FMFPAC Unit 36070 Camp Zukeran	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st BN 12th Marines 1st MEB MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd BN 12th Marines 3rd MARDIV (REIN) FMF Unit 36090 Camp Zukeran	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd BN 12th Marines 3rd MARDIV FMFPAC Unit 36110 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 4th BN 12th Marines 3rd MARDIV FMFPAC Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 3rd CBT ENGR BN 3rd MARDIV Unit 36350 Camp Hansen	Okinawa	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory Truck CO HQ BN 3rd MARDIV FMFPAC Camp Hansen	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd RECON BN 3rd MARDIV (REIN) FMF Unit 36180 Camp Schwab	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC BN MARCORFOR ATL Camp Elmore	Norfolk, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ SVC CO 1st MEB FMFPAC MACS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory BSSG 1 MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MT CO BSSG 1 1st MEB FMFPAC ORD PLT MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC CO III MEF Unit 35605 FMF Camp Courtney	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC CO II MEF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Ordnance HQ&SVC CO 9th MEB FMF Camp Courtney	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC CO I MEB FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC CO 6th MEB FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
13th MEU (SOC) FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC CO 5th MEB FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
13th MEU (SOC) FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC CO 5th MEB FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
S-4 11th MEU	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 22nd MEU FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 24th MEU	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
CE 26th MEU (SOC) DET K Unit 82224	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MEU SVC SPT Group-11	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MAINT DET MSSG-15 1st FSSG	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MSSG-22 2nd FSSG FMF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MSSG-26 2nd FSSG (REIN) FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MEU SVC SPT GRP-24 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory A CO HQ&SVC BN Unit 35002 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC BN 2nd SRIG II MEF FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory 2nd SRIG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 1st SRIG	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
S-4/MMO 3rd SRIG III MEF Unit 35607 Camp Courtney	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st LAR BN	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance H&S CO 2nd LAI BN 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd LAI BN Regimental Combat Team 7 MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory A CO (REIN) 3rd LAI BN MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
DET 3rd LAI BN 7th Marine Regiment MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MMO 7th ENGR SPT BN 1st FSSG FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 8th ENGR SPT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 1st Tank BN 1st MRDIV (REIN) FMF	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd Tank BN Tank Maint 2nd MARDIV FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ord 1st Tank BN Regimental Combat Team 7 1st MARDIV (REIN) FMF	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st Radio BN Marine Forces Pacific MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd Radio BN 2nd SRIG I MEF	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st ANGLI CO 1st SRIG I MEF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd ANGLI CO 2nd SRIG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory HQ CO 7th Comm BN 3rd SRIG III MEF Unit 35608 Camp Hansen	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B CO 7th Comm BN 1st MEB FMFPAC MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
8th Comm BN 2nd SRIG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
9th Comm BN 1st SRIG FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory CSG (S-4) 3rd MARDIV FMF Unit 36380 Camp Schwab	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 2nd ASLT AMPH BN 2nd MARDIV	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd AAV BN 1st MARDIV (REIN) FMF	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory D CO 3rd AABN 7th Regimental Combat Team MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory A CO AAV DET 3rd Marines 1st MEB FMF MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd LAAM BN	Yuma, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd LAAM BN MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 8th MTR TRANS BN 2nd FSSG (REIN)	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC BN 2nd FSSG (REIN) FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Supply Co 2nd SPT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd MT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD MT CO IW Shop 2nd MT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MMO CSSD-21 Supply 2nd FSSG MCAS	Cherry Point, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory CSSD-23 2nd FSSG MCAS	Beaufort, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd Landing SPT BN 2nd FSSG FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd Medical BN 3rd FSSG FMFPAC Unit 38847 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MMO 7th MTR TRANS BN 1st FSSG	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st MED BN 1st FSSG	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S BN 1st FSSG FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MMO 1st Supply BN 1st FSSG FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ SVC CO 1st MT BN 1st FSSG	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD MT CO 1st MT BN 1st FSSG FMFPAC	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
DET A ORD PLT CSSD-12 1st FSSG MCAGCC FMFPAC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD PLT CSSD-12	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st Force RECON CO	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 2nd Force RECON CO 2nd SRIG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory CSSD-14 1st FSSG MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MMO CSSD-16 MCAS	Yuma, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st LSB 1st FSSG	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MSSG-13 MAINT DET 1st FSSG	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC BN 3rd FSSG FMFPAC Unit 38406 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory 3rd Sup BN 3rd FSSG FMFPAC Unit 38410 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 3rd MT BN 3rd FSSG Unit 38424 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD MT CO 3rd MT BN 3rd FSSG FMFPAC Unit 38428 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO 3rd SPT BN 3rd FSSG Unit 38416 Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD SEC MT DET MSSG-31 3rd FSSG FMFPAC Unit 29048 Camp Kinser	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory CSSD-36 Unit 38490 MCAS	Iwakuni, Japan	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 9th ENGR SUP BN Unit 38438 3rd FSSG FMFPAC Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
PM GRD WPNS MARCORSYSTEM	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&SVC BN HQ CO MCCDC	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Staff NCO Academy T&ECTRO H&S BN MCCDC	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD Officer Security BN MCCDC	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory SPT BN The Basic School MCCDC	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory C.O. MCCDC OCS	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
M/F SYSCOM (Code CBGI)	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory RTE Shop WPNS TRNG BN MCCDC	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MCRD/ERR	Parris Island, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MP BN MCB (33040)	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory MP BN MCB (33044)	Camp Pendleton, CA'	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
SPT BN MCB	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ&SPT BN MCB	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD Officer Security BN MCB	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO Correction BN MCB	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD Officer School of Infantry MCB	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Mountain Warfare TRNG CTR USMC	Bridgeport, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS&FLD TRNG BN (MCRD) Edson Range Area	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Assault Amphibian School MCB	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory FLD Medical School MCB	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MCRD/WRR	San Diego, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ BN MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory BCO HQ BN MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAR COR AIR GRND Combat CTR	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
73rd Armory 3rd BN HQ CO LAV-25 W36-PLL	Fort Bragg, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
OIC Sub Unit 1 PSC-47	Camp Fuji, Japan	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine DET USS Saratoga (CV-60)	FPO AA 34078 2740 (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine DET USS Independence (CV-62)	FPO AP 96618 2760 (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory Marine DET USS Kitty Hawk (CV-63)	FPO AP 96634 2770 (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET USS America (CV-66)	FPO AE 09531 2790 (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET USS Canopus (AS-34) Naval Sub Base	Kings Bay, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET USS John F. Kennedy (CVN-67)	FPO AE 09538 2800 (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET USS Dwight D. Eisenhower (CV-69)	FPO AE 09532 2830 (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET USS Nimitz (CVN-68)	FPO AP 96697 2820 (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET USS Theodore Roosevelt (CVN-71)	FPO AE 09599 2871 (Afloat	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET USS Abraham Lincoln (CVN-72)	FPO AP 96612 2872 (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Barracks PSC-455	Marianas Islands, Guam	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Barracks U.S. Naval Base	Pearl Harbor, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Barracks PSC-473	Yokosuka, Japan	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Corps Security Force CO U.S. Naval Station Unit 6269	Rodman, Panama	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Corps Security Force CO PSC-810 NAVSUPPACT	Naples, Italy	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Corps Security Force CO PSC-821 U.S. Naval ACT	London, UK	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Corps Security Force CO U.S. Naval Air Station	Patuxtent River, MD	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD Officer Marine Barracks Ground Defense/Security Force	Guantanamo Bay, Cuba	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force CO	Rota, Spain	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force CO U.S. Naval Station	Roosevelt Roads, Puerto Rico	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory Marine Corps Security Force CO NAS	Sigonella, Italy	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Corps Security Force CO NAS	Keflavik, Iceland	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Barracks Marine Corps Security Force CO USNSF	Diego, Garcia	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force CO NAS	Alameda, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force CO NSB Bangor	Silverdale, WA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Marine Corps Security Force CO Naval Wpns Station	Concord, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Barracks Marine Corps Security Force CO U.S. Naval Station	Annapolis, MD	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force CO NAS North Island	San Diego, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force CO NAS Cecil Field	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force PAC Mare Island Naval Station	Vallejo, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force Co Naval Wpns Station Earle	Colts Neck, NJ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force BN	Norfolk, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force TRNG CTR NSGA NW	Chesapeake, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force CO MCSF BN LANT	Norfolk, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force Co Naval Wpns Station	Yorktown, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force BN	Goose Creek, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Force Co Naval Sub Base	Kings Bay, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory HQ BN HQMC Henderson Hall	Arlington, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Corps Security Guard BN	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Small Arms Branch USMC Admin DET Aberdeen Proving Grounds	Aberdeen, MD	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine Barracks 8th & "I"	Washington, DC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Bldg 23101	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ CO 7th Marines 1st MARDIV (REIN) MCAGCC	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory H&H SQDRN MCAS TUSTIN	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory H&HS Unit 35402 MCAS	Iwakuni, Japan	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ&HQ SQDRN Unit 3502 MCAS Futema	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Landing Force TRNG CMD LANT HQ CO	Norfolk, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ SVC BN MARFORPAC	Camp H. M. Smith, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory CSSD-76 Unit 38530	Camp Fuji, Japan	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
AVTB/MCTSSA	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
CSSD-111 MT DET/ORD 1st FSSG	San Francisco, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
DET A 1st SRIG	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ SVC BN 2nd FSSG (REAR) FMFLANT	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD CO 2nd MT BN 2nd FSSG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Schools BN SASSY Account	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
ORD MT Section SVC CO SUP BR HQ&SVC BN MCCDC	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP) - MIPR.
Staff NCO Academy TRNG&ED CTR TE-17	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP) - MIPR.
Armory Marine Corps ENGR School	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD Officer HQ SPT BN	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
SVC SPT Schools	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory RFLR DET	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD Officer School of Infantry (East)	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory FLD Medical SVC School	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WT BN MCCDC (98119)	Quantico, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
EAP MCAGCC INL (CC731)	Twentynine Palms, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Marine DET USS Coral Sea (CV-43)	New York, NY (Afloat)	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 1st BN 3rd Marines FMF Unit 44407 3rd MARDIV (REIN) Camp Hansen	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
BLT 1/1 31st MEU Camp Butler	Okinawa	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ 1st MEB BSSD MCAS	Kaneohe Bay, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory Deployment SPT Unit MML149 2nd SUP BN 2nd FSSG	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Blount Island Command	Jacksonville, FL	Provide Non-Destructive (NDI) and Radiography Services for the MPF Program.
II MEF	Camp Lejeune, NC	Provide paint and corrosion control services.

Activity Name	Location	Support Function
Air Control Section MCAF	Quantico, VA	Provide paint and corrosion control services.
U.S. Navy	Mechanicsburg, PA	Provide maintenance for electronic equipment.
Naval Air Warfare Center Aircraft Division UX-1	Pax, MD	Provide maintenance for electronic equipment.
Naval Weapons Support Center	Crane, IN	Provide maintenance for electronic equipment.
Norfolk Naval Shipyard	Portsmouth, VA	Support of R&R equipment.
Second Naval Construction Brigade	Norfolk, VA	Calibration services for Naval Construction Small Arms Gages.
Navy ASO Navy SPCC	Philadelphia, PA Mechanicsburg, PA Columbus, OH	Calibration services for Naval Construction Small Arms Gages. Calibration Services for Naval Construction Small Arms Gages.
HQMC (LPO/LPP)	Washington, DC	Provide war reserve recomp schedules, sustainment reports, statistical data, in support of MC war reserve program.
Marine Forces as follows: MARFORLANT MARFORPAC MARRESFOR I MEF First FSSG II MEF Second FSSG III MEF Third FSSG First Radio Bn	 Norfolk, VA Camp Smith, HI New Orleans, LA Camp Pendleton, CA Camp Lejeune, NC Camp Lejeune, NC Okinawa Okinawa Kaneohe, HI	Provides data files, training, technical guidance, sustainment reports, withdrawal support, in support of all aspects of the MC war reserve program (requirements determination, mobilization planning and execution). Providing logistics sourcing data for available assets and shortfalls during deliberate planning and crisis execution.
HQMC (LPO)	Washington, DC	Provide MARCORLOGBASES support of the Marine Corps Continuity of Operations Plan (MCCOOP).
Naval Audit Service (Audit specific)	Albany, GA Barstow, CA	Provide data files, extract reports and technical information in support of MC war reserve audits.

Activity Name	Location	Support Function
Fleet Marine Forces: Includes all major Commands and Bases, MEF's, MARDIV's and Reserve Units and Recruiting Centers	123 locations worldwide	Provide WSEM and life cycle support for all fielded ground weapon systems. Weapon Systems Management, Readiness Management, Maintenance Management Materiel Management, Configuration Management, Cataloging, Data Repository Management, Acquisition Management, Technical Publications Management, Technical Asst., Reprocurement Support, Clothing Specification and Design, Printing Management, Physical Teardown Logistics Demonstration.
Marine Corps Systems Command	Quantico, VA	Provide electronic connectivity to the only Marine Corps engineering drawing data repository. Provide weapon systems management support during equipment acquisition process.
Marine Corps Multi-Commodity Maintenance Center	Albany, GA	Provide electronic connectivity to the only Marine Corps engineering drawing data repository.
Marine Corps Multi-Commodity Maintenance Center	Barstow, CA	Provide electronic connectivity to the only Marine Corps engineering drawing data repository.
Marine Corps Logistics Base	Barstow, CA	Provide QA oversight, policy guidance, and training for weapon systems managed and used within the Marine Corps.
Blount Island Command	Jacksonville, FL	Provide QA oversight, policy guidance, and training for weapon systems managed and used within the Marine Corps.
Headquarters Marine Corps	Washington DC	Participate in the coordination and issue of implementing directives for HQMC policies to ensure QA standardization. Develop/revise Product Quality Deficiency Report Program policy and provide to HQMC for approval.
Fleet Marine Forces: Includes all major Commands and Bases, MEF's, MARDIV's, Reserve Units, and Recruiting Centers	All Marine Corps operating forces, worldwide	Production of Class IX Maintenance Support Packages.

Activity Name	Location	Support Function
Fleet Marine Force: Includes all Major Commands and Bases, MEF's, MARDIV's, Reserve Units and Recruiting Centers	All active Marine Operating forces worldwide	Develop and maintain all logistics systems that support the Operating Marine Forces. These systems support supply and maintenance activities, deployment planning and execution, and redeployment at the conclusion of an operation. Also, on site training.
Fleet Marine Force: Includes all Major Commands and Bases, MEF's, MARDIV's, Reserve Units and Recruiting Centers	All active Marine Operating forces worldwide	Certify for payment all transportation costs related to the movement of Marine Corps personnel and equipment world-wide, formulation/execution of Defense Business Operations Fund (DBOF) and procurement Marine Corps (PMC) budgets for Marine Corps wide replenishment of initial spares secondary requirements.
Blount Island Command	Jacksonville, FL	Provide material support services to the Blount Island Command
Blount Island Command	Jacksonville, FL	TAVSC Branch provides audiovisual equipment, software and graphic arts services in support of briefing and training requirements to the Blount Island Command.
Fleet Marine Force: Includes all Bases, MEF's, MAW's, MARDIV's, and most Reserve Unit, Recruiting Centers, etc.	123 locations worldwide	Act as the single USMC point of contact for USMC PDQR originators per MCO 4855.10B. Function as the centralized control point for submission, tracking, evaluation, and monitoring ROD's submitted to the Marine Corps.
Department of the Navy Bases: Fleet Analysis Ctr, Naval Shipyard, DEF Depot, NWS Ctr, COMSPAWAR SYSCOM	5 locations: Corona, CA; Portsmouth, NH;Mechanicsburg, PA; Crane, IN; Washington, DC	Act as the single USMC point of contact for USMC PDQR originators per MCO 4855.10B. Function as the centralized control point for submission, tracking, evaluation, and monitoring ROD's submitted to the Marine Corps.

Activity Name	Location	Support Function
Navy International Logistics Control Office (NAVILCO)	Philadelphia, PA	Function as centralized POC for NAVILCO regarding Foreign Military Sales customer complaints on Marine Corps managed items. Coordinate responses to Foreign Military Sales complaints from the following countries: Israel, Korea, Australia, Saudi Arabia, Turkey, Jordan, Italy.
Department of the Navy 36 Loan Projects	Worldwide 36 Activities	These loans support Navy facilities for purposes of research and development (tests), manufacturing, modernization repair, overhauls.
U.S. Marine Corps 111 Loan Projects	Worldwide	These loans support Marine Corps installations and repair facilities for purposes of research and development (tests), manufacturing, modernization repair, overhauls, and for Marine Corps special training programs and operations. Also, support of civic organizations (e.g., Boy Scouts, etc.).
Navy	CONUS	Provide disposition instructions for Marine Corps assets stored at non-Marine Corps depots.
Department of the Navy 72 Requisitions	Worldwide	Provide disposition instructions for Marine Corps assets stored at non-Marine Corps depots.
United States Marine Corps 7016 Requisitions	Worldwide	Provide disposition instructions for Marine Corps assets stored at non-Marine Corps depots.
MCLB	Albany, GA	Provide disposition instructions for Marine Corps assets stored at non-Marine Corps depots.
MCLB	Barstow, CA	Manage the Material Release Order follow-up program.
MCLB	Albany, GA	Manage the Material Release Order follow-up program.
MCLB	Barstow, CA	Manage the Physical Inventory Program for the Marine Corps.
Department of the Navy	Worldwide	Program for Competition.

Activity Name	Location	Support Function
Marine Corps Systems Command	Quantico, VA	Pricing and availability of end items, Support packages and procurement for foreign customers.
HQMC	Washington, DC	Provide information on Presidential Determinations such as 552 drawings.
NAVILCO (Navy)	Philadelphia, PA	Requisition/billing/transportation information.
All Marine Corps Bases, Camps, Posts, Stations, Recruiting Depots, and other installations	Worldwide	Price Challenge Program/Price Verification.
Navy (FMSO)	Mechanicsburg, PA	Price Challenge Program/Price Verification.
MARCORDET Ft Gordon	Fort Gordon, GA	Military justice, administrative discharge, Standards of Conduct, financial disclosure reporting - CMC Letter of Instruction.
MARCORDET Ft McClellan	Ft McClellan, AL	Military justice, administrative discharge, Standards of Conduct, financial disclosure reporting - CMC letter of instruction.
MARCORDET Ft Benning	Ft Benning, GA	Military Justice, administrative discharge, Standards of Conduct, financial disclosure reporting - CMC letter of instruction.
MARCORDET MacDill AFB	MacDill AFB, FL	Military Justice, administrative discharge, Standards of Conduct, financial disclosure reporting - CMC letter of instruction.
MARCORDET RSA	Redstone Arsenal, AL	Military Justice, administrative discharge, Standards of Conduct, financial disclosure reporting - CMC letter of instruction.
Blount Island Command	Jacksonville, FL	Physical security and crime prevention surveys.
HQ Sixth Marine Corps District	Atlanta, GA	Full civilian personnel management services and payroll support.
U.S. Navy Recruiter	NAS Atlanta, GA	Full civilian personnel management services and payroll support.

Activity Name	Location	Support Function
U.S. Marine Corps Recruiter	USMC Recruiting Station, Jacksonville, FL	Full civilian personnel management services and payroll support.
U.S. Marine Corps active duty on unaccompanied tour overseas	Marine Corps Base Okinawa	Housing services - Lease agreement with sponsor and CG letter approving retention of quarters.
U.S. Marine Corps active duty on unaccompanied tour to Cuba	Marine Corps barracks, Guantanamo Bay, Cuba	Housing services - Lease agreement with sponsor and CG letter approving retention of quarters.
NAVILCO	Philadelphia, PA	Receipt, storage, care-in-store, assembly, packaging and shipment of basic issue items assorted tool kits, weapons/ weapons parts, and Nuclear Biological and Chemical Warfare systems for the Saudi Arabian National Guard. Actions required to support over 1100 LAV's and approximately 150,000 line items.
2ND FSSG	Camp Lejeune, NC	Receipt, storage, care-in-store, packing and shipment of medical supplies and equipment as requested by Commander, Medical Logistics Company. Material consists of 30 days of War Reserve supply.
II MEF 2ND Marine Division 2ND FSSG 2ND MAW	Camp Lejeune, NC MCAS, Beaufort, SC	Developed a preservation training program and provided classroom and hands-on demonstration of preservation techniques, methods, standard, tools and equipment, and best practices to approximately 75 personnel of the FMF. Funded by II MEF and guided by our lesson plans.
NAVSHIPSYENGSTA Carderock Div. NAVSURFWARCEN	Philadelphia, PA	MCU2/P Gas Mask Testing
Asst. Dep. Under Secretary of the Navy	Arlington, VA	Joint Service MCU2/P Gas Mask Testing.
Marine Corps Recruit Depot	Parris Island, NC	Contingency Planning.

Activity Name	Location	Support Function
All Marine Corps Operational Units	Marine Corps Units Worldwide	Communications Branch provides direct delivery record message traffic from operational FMF units for logistical support functions aboard MCLB operates the MARS Station acting as a Radio Relay Station/Gateway for Morale Welfare messages (MARSGRAM) sent by deployed Naval and FMF units.
Active Duty Marines/Navy personnel	MCLB, Albany, GA	Personal Property/Passenger Transportation arranges for personal property shipments for Navy/Marine personnel assigned change of station orders. Makes travel arrangements in conjunction with PCS orders. Provides passport services.
U.S. Marine Corps families of active duty Marine who are in training between duty stations	San Diego, CA Parris Island, SC Quantico, VA Aberdeen, MD	Housing services - Lease agreement with sponsor and CG letter approving retention of quarters.
U.S. Marine Corps families of active duty given retention approval for personal reasons (permit children to complete school year, etc.)	MCCDC, Quantico, VA	Housing services - Lease agreement with sponsor and CG letter approving retention of quarters for a specified time.
MCLB Barstow	Barstow, CA	Mainframe computer processing.
Blount Island Command	Jacksonville, VL	Mainframe computer processing.
8th Marine Corps District	New Orleans, LA	Mainframe computer processing.
Blount Island Command	Jacksonville, FL	Network and PC support (Acquisition Install Maintenance). Assemble, pack and distribute 300,000 laser protective sun, wind, and dust goggles.
Marine Corps Systems Command	Quantico, VA	Assemble, pack and distribute 97,000 laser protective sun, wind, and dust goggles.
Marine Corps Systems Command	Quantico, VA	Receipt, assemble, package, pack, and ship 68,451 Marine Corps unique survival kits.

40. Support of the Operating Forces, continued

40.2 Identify all functions and activities this MCLB performs in direct support of the reserve naval forces.

The MCLB performs the following functions:

Weapon Systems Management
Maintenance Management
Engineering Drawings Support
Technical Assistance
Reprocurement Support
Clothing Specification & Design Management
Printing Management
Physical Teardown & Logistics Demonstration
Technical Publications Management & Readiness Management Support
Materiel Management
Configuration Status Accounting
Cataloging
Data Repository Management
Acquisition Management
Contracting
Information Resources

It should be noted that the functions identified above are performed for the entire spectrum of Weapon Systems listed below:

Missiles
Amphibians
Combat vehicles
Automotive Equipment
Tactical Vehicles
Construction Equipment
Communications & Electronic Equipment
Ordnance, Weapons & Munitions
General Purpose Equipment
Other End Items

The following Reserve Naval Forces are supported:

Activity Name	Location	Support Function
4th MAW FMF USMCR	New Orleans, LA	Calibration, Repair Maintenance, Overflow Support (SIEP).
MWSS-473 4th MAW USMCR Naval Air Station	South Weymouth, MS	Calibration, Repair Maintenance, Overflow Support (SIEP).
MWSS-472 4th MAW USMCR MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (SIEP).
C Co 6th Engr Supt Group USMCR 4th FSSG	Peoria, IL	Calibration, Repair Maintenance, Overflow Support (SIEP).
HQ BTRY 1st Bn 14 Marines 4th MARDIV	San Francisco, CA	Calibration, Repair Maintenance, Overflow Support (SIEP).
MWSS-471 DET A 4th MAW	Minneapolis, NM	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).

Activity Name	Location	Support Function
MWSS-474 4th MAW Naval Base Bldg 101 MCRTC	Philadelphia, PA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSS-474 (DET A) MWSG-47 4th MAW	Green Bay, WI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MWSS-471 DET C 4th MAW NAS Whidbey Island	Oak Harbor, WA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MAG-41 4th MAW U.S. Naval Air Station	Dallas, TX	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory MAG-41 4th MAW U.S. Naval Air Station	Dallas, TX	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MAG-42 DET A 4th MAW NAS Cecil Field	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
4th LAAD BN 4th MAW MACG-48	Pasadena, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MAG-42 4th MAW NAS Atlanta	Marietta, GA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory MAG-41 4th MAW NAS	Dallas, TX	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MACS-24 DET A 4th MAW Buckly A.N.G. Base	Aurora, CO	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MACG-48 S-4 Armory 4th MAW NAS	Glenview, IL	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSG-47 I&I Staff 4th MAW Selfridge A.N.G. Base	Mount Clemens, MI	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MAG-42 DET B NAS Memphis	Millington, TN	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MAG-42 DET C 4th MAW MARESFORE NAS	Belle Chase, LA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MAG-46 DET B 4MM 4th MAW Armory NAS	Alameda, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory MAG-49 DET C NAS	South Weymouth, MA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory MAG-49 4th MAW NAS	Willow Grove, PA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory MAG-46 4th MAW MCAS El Toro	Santa Ana, CA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
Armory MWSS-474 Bldg 101 U.S. Naval Base	Philadelphia, PA	Calibration, Repair Maintenance, Overflow Support (SIEP/IWGCEP).
MWSS-473 DET B I&K 4th MAW	Wyoming, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
MAG-46 DET A 4th MAW USMCR	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-49 DET B USMCR Stewart Air National Guard	Newburgh, NY	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-42 DET B NAS MFS	Millington, TN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-49 4th MAW NAF Andrews Air Force Base	Washington, DC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MAG-41 4th MAW NAS	Dallas, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th LAAM BN DET B	Hayward, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory MAG-46 DET C 4th MAW MCAS	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MAG-49 4th MAW FMF USMCR NAS	Willow Grove, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ CO Comm CO I&I	Cincinnati, OH	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory HQ SVC CO 4th Medical BN 4th FSSG NMCRTC	San Diego, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MCRF FMF USMCR Armed Forces Reserve Center Anacostia Naval Station	Washington, DC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th LAI BN I&I 4th MARDIV	Camp Pendleton, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 23rd Marines I&I Staff	San Rafael	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B CO 23rd Marines 4th MARDIV	Austin, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st BN 23rd Marines I&I Staff 4th MARDIV	Houston, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B CO 24th Marines I&I Staff 4th MARDIV	Austin, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd BN 23rd Marines I&I Staff MARESFOR FMF USMCR (14120)	Encino, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd BN 23rd Marines I&I Staff MARESFOR FMF USMCR (14121)	Encino, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B CO (REIN) I&I 4th LSB 4th FSSG MARESFOR FMF USMCR AFRC	Lathrop, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS CO 2/23 MCRTC I&I Staff Bldg 6 NCBC	Port Hueneme, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Armory HQ&SVC CO 4th MARDIV FMF USMCR NMCRTC	New Orleans, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS CO I&I Staff 1st BN 23rd Marines	Bossier City, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS CO 3rd BN I&I Staff 23rd Marines 4th MARDIV Naval & Marine Corps Reserve	Baton Rouge, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ordnance 24th Marines 4th MARDIV	Kansas City, KS	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st BN 24th Marines 4th MARDIV FMF USMCR	Detroit, MI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS CO I&I Staff 1st BN 24th Marines 4th MARDIV	Perrysburg, OH	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
JJMMCRTC I&I Staff	Chicago, IL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS CO 2nd NB I&I Staff 24th Marines 4th MARDIV	Waukegan, IL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
3rd BN 24th Marines I&I	Bridgeton, MO	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ CO I&I Staff 25th Marines 4th MARDIV	Worcester, MA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO 1st BN I&I Staff 25th Marines 4th MARDIV	Camp Edwards, MA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO 2nd BN I&I Staff 25th Marines 4th MARDIV	Garden City, NY	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
E CO 2nd BN 25th Marines 4th MARDIV FMF USMCR	Harrisburg, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ SVC CO 3rd BN I&I Staff 25th Marines 4th MARDIV	Brookpark, OH	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO I&I Staff 2nd MP CO 4th FSSG NMRCT	Pittsburgh, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H CO 3rd BN 25th Marines	Columbus, OH	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
WPNS CO 3rd BN I&I Staff 25th Marines 4th MARDIV	Moundsville, WV	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
14th Marines I&I Staff 4th MARDIV NAS	Dallas, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
A BTRY 1st BN I&I Staff 14th Marines 4th MARDIV	Spokane, WA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B BTRY 1st BN I&I Staff 14th Marines 4th MARDIV	Poco Rivera, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
HQ BTRY I&I Staff 2nd BN 14th Marines	Fort Worth, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ BTRY 3rd BN I&I Staff 14th Marines 4th MARDIV	Philadelphia, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
G BTRY 3rd BN I&I Staff 14th Marines 4th MARDIV	West Trenton, NJ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
I&I Staff 6000 Strathmore Rd	Richmond, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
I BTRY 3rd BN I&I Staff 14th Marines 4th MARDIV	Reading, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ BTRY 4th BN I&I Staff 14th Marines 4th MARDIV	Bessemer, AL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory 4th BN 14th Marines 4th MARDIV	Bessemer, AL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
M BTRY 4th BN I&K Staff 14th Marines 4th MARDIV	Chattanooga, TN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO 4th Combat Engr BN 4th MARDIV	Baltimore, MD	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B CO 4th CBT ENGR BN I&I Staff 4th MARDIV	Roanoke, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO 4th LAN SPT BN I&I Staff 4th FSSG 4th MARDIV Naval Station Puget Sound	Seattle, WA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
5th Bulk Fuel CO I&I Staff 6th ENGR SPT BN	Tacoma, WA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st BN I&I Staff 4th Marines 4th MARDIV	Almeda, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
C BTRY 1st BN I&I Staff 14th Marines 4th MARDIV	Jackson, MS	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
D BTRY 2nd BN I&I Staff 14th Marines NMCRC	Waterloo, IA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
E BTRY 2nd BN I&I Staff 14th Marines	Joliet, IL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
F BTRY 2nd BN I&I Staff 14th Marines 4th MARDIV	Oklahoma City, OK	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
K BTRY 4th BN I&I Staff 14th Marines 4th MARDIV	Huntsville, AL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
5th BN I&I Staff 14th Marines 4th MARDIV NMCRTC	Los Angeles, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
AT (TOW) CO 4th Tank BN I&I Staff 4th MARDIV AFRC USMCR	Broken Arrow, OK	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
Truck CO I&I Staff 6th MT BN	Orlando, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Auto Contact Maint Team I&I Staff 4th MT BN 4th FSSG	Allentown, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Truck CO I&I Staff HQ BN 4th MARDIV	Erie, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th Supply BN 4th FSSG AFRC	Washington, DC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Auto Contact Maint PLT 4th MT BN	Augusta, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO 4th RECON BN	San Antonio, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
H&S CO 8th Tank BN I&I Staff	Rochester, NY	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B CO 8th Tank BN I&I Staff 4th MARDIV USMCR	Syracuse, NY	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
C CO 8th Tank BN I&I Staff 4th MARDIV MCRTC	Tallahassee, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th Tank BN I&I Staff 4th MARDIV NAS Miramar	San Diego, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
A CO 4th Tank BN 4th Marines	San Diego, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th Tank BN I&I Staff 4th MARDIV	Yakima, WA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
C CO 4th Tank BN (REIN) I&I Staff FMF USMCR	Boise, ID	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
3rd ANGLI CO I&I Staff 4th MARDIV U.S. Naval Station	Long Beach, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
AT (TOW) CO 8th Tank BN I&I Staff 4th MARDIV	Hialeah, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MMO 4th ANGLI CO FMF USMCR TRNG CTR	West Palm Beach, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th FSSG I&I Staff NMCRC Ft Schuyler	Bronx, NY	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Comm CO 6th Comm BN I&I Staff	Amityville, NY	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th ASLTPHI BN I&I Staff	Tampa, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
A CO 4th AAV BN I&I Staff 4th MARDIV	Gulfport, MS	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
B CO 4th AAV BN I&I Staff 4th MARDIV FMF USMCR	Jacksonville, FL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
AFRC NAS	Norfolk, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
A CO 4th AAV BN I&I Staff 4th MARDIV USMCR NAB Little Creek	Galveston, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B CO 4th AAV BN I&I Staff 4th PLT 4th MARDIV Fort Point	Portland, OR	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
6th Bulk Fuel CO I&I Staff 4th FSSG	Phoenix, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Armory H&S Battery 4th LAAM BN	Fresno, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
10th Bulk Fuel CO I&I Staff 6th ENGR SPT BN 4th MARDIV	Folsom, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
6th MTR TRANS BN I&I Staff 4th FSSG USMCR	Red Bank, NJ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Truck CO 3rd Truck PLT 6th MT BN FMF Fort Nathan Hale Park	New Haven, CT	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
6th MTR TRANS BN I&I Staff 4th FSSG Fields Point AFRC	Providence, RI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th Force RECON CO	Honolulu, HI	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ&SVC CO HQ&SVC BN 4th FSSG	Marietta, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Comm CO HQ&SVC BN 4th FSSG 4th MARDIV USMCR	Greensboro, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Beach & Port Operations CO I&I Staff	San Jose, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd BTO CO I&I Staff NMCRC	Savannah, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ&SVC CO 4th Supply BN I&I Staff 4th FSSG	Newport News, VA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th Bulk Fuel CO 6th ENGR SPT BN I&I Staff 4th FSSG	Tuscon, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th MT BN I&I Staff 4th FSSG	Charlotte, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Electronics MT CO I&I Staff 4th MT BN 4th FSSG NMCRC	Wichita, KS	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ENGR MT CO 4th MT BN I&I Staff 4th FSSG NMCRC	Omaha, NE	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
2nd Auto Contact MT PLT MT CO MT BN 4th FSSG	Sacramento, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
G/S MT CO I&I Staff 4th MT BN NMCR Rock Island Arsenal	Rock Island, IL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD MT Contact Team I&I Staff NMCRC	Lawrence, MA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st PLT Truck CO HQ BN I&I Staff 4th MARDIV (REIN) FMF	Connellsville, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
2nd PLT Truck CO HQ BN I&I Staff 4th MARDIV NMCRC	Evansburg, PA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
3rd Force RECON CO 4th SCAMP HQ CO HQ BN USMCR Springhill Substation	Mobile, AL	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ammunition CO I&I Staff 4th SUP BN 4th FSSG USMCR	Greenville, SC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
TOW PLT HQ CO 23rd Marines 4th MARDIV FMF	Broussard, LA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
C CO DET I&I Staff 4th Tank BN FMF USMCR	Amarillo, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
ORD MT CO I&I Staff NMCRC	Waco, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
MTR TRANS MT CO 4th MT BN NMCRTC 4549 FM-18	Abilene, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Comm CO DET HQ BN I&I Staff 4th MARDIV FMF USMCR	Indianapolis, IN	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Bulk Fuel TRANS PLT 6th MT BN 4th FSSG USMCR	Texarkana, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
Ammunition PLT I&I Staff MCRTC 4th SUP BN 4th FSSG	Rome, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th Bulk Fuel CO I&I Staff	Bakersfield, CA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
6th Bridge CO 6th ENGR SPT BN 4th FSSG 4th MARDIV (REIN) USMCR	Eugene, OR	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
10th Bulk Fuel CO 6th ENGR SPT BN 4th MARDIV NMCRC	Wilmington, DE	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
HQ SVC CO HQ SVC BN 4th FSSG	Marietta, GA	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
5th Truck PLT Truck CO I&I Staff 6th MT BN 4th FSSG NMCRTC	Lubbock, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).

Activity Name	Location	Support Function
6th Truck PLT Truck CO I&I Staff 6th MT BN 4th FSSG NMCRTC	Lubbock, TX	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
4th RECON CO I&I Staff 4th MARDIV	Reno, NV	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
6th Bulk Fuel CO I&I Staff 6th ENGR SPT BN	Phoenix, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
B CO 4th RECON BN 4th MARDIV	Billings, MT	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
I&I Staff	Tucson, AZ	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
1st BN 14th Marines	Camp Lejeune, NC	Calibration, Repair Maintenance, Overflow Support (IWGCEP).
K BTRY 4th BN 14th Marines	Huntsville, AL	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H CO 3rd BN 23rd Marines 4th MARDIV	Montgomery, AL	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
I CO 3rd BN 23rd Marines 4th MARDIV AFRC	North Little Arkansas, AK	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
MAG-42 DET A MARTC NAS Cecil Field	Jacksonville, FL	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
AT (TOW) CO 8th Tank BN 33rd ITT HQ CO HQ BN 4th MARDIV	Miami, FL	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H&S CO H&S BN 4th FSSG NMCRC	Atlanta, GA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
MAG-41 DET B NAS Atlanta	Marietta, GA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
G CO 6th ENGR SPT BN 4th FSSG NMCRC	Danville, IL	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Comm CO DET One H&S BN 4th FSSG 4th MARDIV NMCRC	Fort Wayne, IN	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
E CO 2nd BN 24th Marines 4th MARDIV NMCRC	Des Moines, IA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
SUP CO 2nd SPT PLT 4th SUP BN 4th FSSG AFRC	Topeka, KS	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
1st MP CO H&S BN 4th FSSG NMCRC	Lexington, KY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
A CO 8th Tank BN	Louisville, KY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
WPNS CO Dragon PLT (REIN) 1st BN 25th Marines 4th MARDIV MCRC	Topsham, ME	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.

Activity Name	Location	Support Function
H&S CO WPNS CO 1st BN 25th Marines 4th MARDIV MCRTC	Camp Edwards, MA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
C CO 1st PLT (REIN) 1st BN 25th Marines 4th MARDIV AFRC Westover AFB	Chicopee, MA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
ORD MT Contact Team ORD MT CO 4th MT BN 4th FSSG NMCRC	Lawrence, MA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
A CO 1st BN 24th Marines 4th MARDIV NMCRC	Grand Rapids, MI	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
C CO 1st BN 24th Marines 4th MARDIV NMCRC	Lansing, MI	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
D CO 2nd BN 25th Marines 4th MARDIV MCRC	Dover, NJ	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H&S CO (REIN) 6th MT BN 4th FSSG MCRC	Fort Monmouth, NJ	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
A CO 1st BN 25th Marines 4th MARDIV NMCRC	Albany, NY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Long Lines CO 6th Comm BN 4th MARDIV NMCRC	Brooklyn, NY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
I CO 3rd BN 25th Marines 4th MARDIV NMCRC	Buffalo, NY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H&S CO/WPNS CO 2nd BN 25th Marines 4th MARDIV Garden City	Long Island, NY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
34th ITT/HQ CO HQ BN 4th MARDIV Garden City	Long Island, NY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
34th ITT HQ DET 2nd MAB 4th MARDIV Garden City	Long Island, NY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
F CO 2nd BN 25th Marines 4th MARDIV NMCRC	New Rochelle, NY	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H&S BN Comm CO 4th FSSG NMCRC	Greensboro, NC	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
SUP CO 4th SUP BN 4th FSSG NMCRC	Raleigh, NC	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
G CO 3rd BN 25th Marines 4th MARDIV NMCRC	Akron, OH	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H&S CO/WPNS CO 3rd BN NMCRC	Cleveland, OH	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
MP PLT (REIN) 1st MP CO H&S BN, 4th FSSG AFRC	Dayton, OH	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.

Activity Name	Location	Support Function
WPNS CO 1st BN 24th Marines 4th MARDIV NMCRC	Toledo, OH	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Truck CO 2nd PLT HQ BN 4th MARDIV MCRTC	Ebensburg, PA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
MHE PLT H&S CO H&S BN MCRTC	New Castle, PA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
C CO 4th Landing SPT BN 4th FSSG, MCRC	Charleston, SC	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
D CO 8th Tank BN NMCRC	Columbia, SC	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H CO 3rd BN 24th Marines 4th MARDIV MCRC	Johnson City, TN	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
D CO 4th Combat ENGR BN 4th MARDIV NMCRC	Knoxville, TN	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
HQ/D BTRYS 2nd BN, 14th Marines, 4th MARDIV NMCRC	Dallas, TX	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
MAG-41 NAS	Dallas, TX	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H&S CO 1st BN 23rd Marines 4th MARDIV NMCRC	Ellington, TX	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
C CO PLT 1st BN 23rd Marines 4th MARDIV MCRC	Harlingen, TX	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
A CO 1st BN 23rd Marines 4th MARDIV NMCRC	Orange, TX	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H&S/A CO/C CO, 4th RECON BN, 4th MARDIV MCRC	San Antonio, TX	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
C CO 4th Combat ENGR BN 4th MARDIV AFRC	Lynchburg, VA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
H BTRY 3rd BN 14th Marines 4th MARDIV NMCRC	Richmond, VA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
4th Marine Division	New Orleans, LA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
4th Marine Air Wing	New Orleans, LA	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.
Marine Corps Reserve Units	144 Marine Corps Reserve Units East of Mississippi River	Provide R&R, calibration, comm/elect, and/or paint and corrosion control services.

Activity Name	Location	Support Function
MARRESFOR, New Orleans, LA	All Marine Corps Reserve Units CONUS	Certify for payments all transportation costs related to the movement of Marine Corps reserve personnel and equipment Worldwide; formulation/execution of Depot Level Maintenance O&M, MCR Budget; formulation/execution of Defense Business Operations Fund (DBOF) and PMC Budgets for Marine Corps Wide replenishment and initial SPARES secondary requirements.
Naval Reserve	Albany, GA	TAVSC Branch provides audiovisual equipment, software arts and graphic arts services.
Marine/Navy Reserve	Albany, GA	DSSC Branch provides materiel support.
Marine Corps Reserve Units	CONUS/OCONUS	Provide WSEM and life cycle support for all fielded ground weapon systems. Weapon Systems Management, Readiness Management, Maintenance Management, Materiel Management, Configuration Management, Cataloging, Data Repository Management, Technical Publications Management, Technical Asst., Reprocurement Support, Clothing Specification and Design, Printing Management, Physical Teardown Logistics Demonstration.
I&I Staff 4th Supply Bn 4th FSSG	Albany, GA	Communications Branch provides direct delivery communications support.
I&I Staff 4th Supply Bn 4th FSSG		Personal property/passenger transportation makes travel arrangements.
MARRESFOR	New Orleans, LA	Provide data files, training, technical guidance, sustainment reports, withdrawal support, in support of all aspects of the MC War Reserve program (requirements determination, mobilization planning and execution). Providing logistics sourcing data for available assets and shortfalls during deliberate planning and crisis execution.
All Marine Corps Reserve Units	CONUS/OCONUS	Act as the single USMC point of contact for USMC PQDR originators per MCO 4855.10B. Functions as the centralized control point for submission, tracking evaluation and monitoring ROD's submitted to the Marine Corps.
All Marine Corps Reserve Units	CONUS/OCONUS	Price challenge program/price verification.
MARRESFOR	New Orleans, LA	Mainframe computer processing.

40.3 Identify all functions and activities this MCLB performs in direct support of either active or reserve forces provided to non-DON activities.

The MCLB performs the following functions:

Weapon Systems Management
Readiness Management
Maintenance Management
Materiel Management
Configuration Status Accounting
Cataloging
Data Repository Management
Acquisition Management
Contracting
Information Resources
Technical Publications Management & Support
Engineering Drawings Support
Technical Assistance
Reprocurement Support
Clothing Specification & Design Management
Printing Management
Physical Teardown & Logistics Demonstration

It should be noted that the functions identified above are performed for the entire spectrum of Weapon Systems listed below:

Missiles
Amphibians
Combat vehicles
Automotive Equipment
Tactical Vehicles
Construction Equipment
Communications & Electronic Equipment
Ordnance, Weapons & Munitions
General Purpose Equipment
Other End Items

The MCLB performs the following functions:

Provides contract support for Army Afloat Prepositioning Program in the area of shipboard maintenance for initial complement; U.S. Army Safety Center, Fort Rucker, Alabama, for Operation and Maintenance needs; and U.S. Army Simulation, Training and Instrumentation Command, Orlando, Florida, for Military Training Devices.

The following active and reserve non-DON forces are supported:

Activity Name	Location	Support Function
Contractor/Private Citizens	CONUS	Provide technical data packages and engineering drawings under the Freedom of Information Act.
U.S. Army	Fort Monmouth, NJ	Provide maintenance for electronic equipment (radios, wire communications, etc.).
U.S. Army, TACOM	Warren, MI	Modification support for the M9 Ace.
U.S. Army National Guard	Arlington, VA	Provide repair maintenance, paint, and corrosion control services.
U.S. Army Reserve	Atlanta, GA	Provide paint and corrosion control services.

Activity Name	Location	Support Function
HQ, 18a BnCorps ACSRM	Fort Bragg, NC	Provide services for demilitarization.
Defense Reutilization and Marketing Office (DRMO)	Fort Benning, GA	Provide services for demilitarization.
Strategic Weapons Facility, Atlantic	Kings Bay, GA	Calibration services for TMDE.
U.S. Coast Guard	Baltimore, MD	Provide engine rebuild services.
U.S. Air Force	Sacramento, CA	Provide maintenance for electronics equipment.
HOUSCENTAF/LGS	Shaw AFB, SC	Repair services for USCENTAF Harvest Falcon Equipment.
Defense General Supply Center	Richmond, VA	Provide R&R service for defective stock.
State Department	Washington, DC	Provide calibration services.
Drug Enforcement Admin.	Washington, DC	Provide weapon repair/rebuild services.
All DoD IMM's as follows:		
DLA OPS	Cameron Station, VA	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
DCSC	Columbus, OH	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
DESC	Dayton, OH	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
DGSC	Richmond, VA	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
DISC	Philadelphia, PA	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
DPSC (S9M/S9T/S9S)	Philadelphia, PA	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
TACOM	Warren, MI	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
ARM/MUN/CHEM Cmd	Rock Island, IL	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.

Activity Name	Location	Support Function
CECOM	Ft Monmouth, NJ	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
Army SecLog Cmd	Ft Huachuca, AZ	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
Army MSL Cmd	Redstone Ars, AL	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
McClellan AFB, ALC	Sacramento, CA	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
Tinker AFB, ALC	Oklahoma City, OK	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
Robins ALC	Warner Robins, GA	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
USAF Crypto SupCtr	San Antonio, TX	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
San Antonio ALC	San Antonio, TX	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
Fed Sup Svc	Washington, DC	Provide MC war reserve requirement/attainment data for planning/budgetary purposes.
DLA Depots	Albany, GA	Provide supply requisitions and any special shipping instructions in support of MC mobilization.
Unified and Specified Commanders		OPLAN-specific support provided. Logistics sourcing data in Level four cargo detail, to facilitate sustainability analysis and transportation feasibility.
Reliability Analysis	Rome, NY	Provide reliability centered maintenance data analysis support and technical assistance throughout the life cycle of a weapon system.
Potomac Systems Engineering	Quantico, VA	Provide cost analyses for weapons systems through the Marine Corps Integrated Maintenance Management System (MIMMS) and the Marine Corps Automated and Readiness Evaluation System (MARES).
Radian Incorporated	Dumfries, VA	Provide cost analyses for weapons systems through the MIMMS and MARES.
USA Tank-Automotive Command	Warren, MI	Provide RCM data management and cost analyses for weapons systems through the MIMMS and the MARES.
Civilian Contractors	Various Locations	Maintenance history reports in the development of new weapon systems.

Activity Name	Location	Support Function
Department of the Army Bases: AMCCOM, CECOM, MICOM, TROSCOM, TACOM	5 Locations: Rock Island, IL; Red Bank, NJ; Huntsville AL; St. Louis, MO, Warren, MI	Function as USMC PQDR Screening point. Coordinate, monitor, track, evaluate Army PQDR Action Point final PQDR responses and request for PQDR exhibits. Function as the centralized control point for submission, tracking, evaluation, and monitoring ROD's submitted to the Marine Corps.
Department of the Air Force Bases: Kelly AFB, Robins AFB, McClellan AFB	3 Locations: San Antonio, TX; Warner Robins, GA; Sacramento, CA	Function as USMC PQDR Screening point. Coordinate, monitor, track, evaluate Army PQDR Action Point final PQDR responses and request for PQDR exhibits. Function as the centralized control point for submission, tracking, evaluation, and monitoring ROD's submitted to the Marine Corps.
Defense Logistics Agency (DLA) Activities: DPSC, DISC, DGSC, DCSC, DESC	5 Locations: 2 at Philadelphia, PA; Richmond, VA; Columbus, OH; Dayton, OH	Function as USMC PQDR Screening point. Coordinate, monitor, track, evaluate Army PQDR Action Point final PQDR responses and request for PQDR exhibits. Function as the centralized control point for submission, tracking, evaluation, and monitoring ROD's submitted to the Marine Corps.
General Services Administration (GSA)	Kansas City, MO	Function as USMC PQDR Screening point. Coordinate, monitor, track, evaluate Army PQDR Action Point final PQDR responses and request for PQDR exhibits. Function as the centralized control point for submission, tracking, evaluation, and monitoring ROD's submitted to the Marine Corps.
Government Industry Deficiency Exchange Program (GIDEP)	Corona, CA	Submit GIDEP reports and react to requests for stock screenings. Provide information and feedback as requested/required.
Fastener Engineering and Analysis Team (FEAT)	DSCS Philadelphia	Active Team Member. Review board for Safety Critical Fasteners used within DoD.
Department of the Army 27 Loan Projects	Worldwide 27 Activities	These loans support Army facilities for purposes of research and development (tests), manufacturing, modernization repair, overhauls, operations.
Department of the Air Force Three Loan Projects	Conus 3 Activities	These loans support Air Force facilities for purposes of research and development (tests), manufacturing, modernization repair, overhauls.
Government Furnished Equipment (GFE) 73 Projects	Worldwide	These projects are primarily to support Research and Development (tests) contract endeavors, which include manufacturing, modernization, repair efforts, and balment.
Government Furnished Materiel (GFM) 34 Projects	Worldwide	These projects are primarily to support Research and Development (tests) contract endeavors, which include manufacturing, modernization, repair efforts, and balment.

Activity Name	Location	Support Function
40 Depots DLA, Army, and Air Force	Conus	Provide disposition instructions for Marine Corps assets stored at non-Marine Corps Depots.
Department of the Army 139 Requisitions	Worldwide	The material obligation validation (MOV) is a quarterly Backorder reconciliation that is with the requisitioning customer.
Department of the Air Force 160 Requisitions	Worldwide	The material obligation validation (MOV) is a quarterly Backorder reconciliation that is with the requisitioning customer.
United States Coast Guard Three Requisitions	Conus	The material obligation validation (MOV) is a quarterly Backorder reconciliation that is with the requisitioning customer.
Department of Army Department of Air Force U.S. Coast Guard	DoD-Wide	Programs for Competition.
Department of Air Force	Wright-Patterson AFB, OH	Joint Depot Maint Analysis Group (JDMAG).
Foreign Military Sales Customers	Canada Egypt Jordan Korea Kuwait Italy Morocco	Repair/rebuild of customer countries military equipment - Letter of Offer and Acceptance (LOA) (Listed Countries). Training for all FMS Customers when requested.
Department of Defense	Nation wide	Small Business Contracts, Minority Vendors, Bureau of Indian Affairs.
Defense Construction Supply Center	Columbus, OH	Price Challenge Program/Price Verification.
Defense Electronics Supply Center	Dayton, OH	Price Challenge Program/Price Verification.
Defense Industrial Supply Center	Philadelphia, PA	Price Challenge Program/Price Verification.
Defense Personnel Supply Center	Philadelphia, VA	Price Challenge Program/Price Verification.
General Services Administration/Federal Supply Service	Washington, DC	Price Challenge Program/Price Verification.
Army	Redstone Arsenal, AL	Price Challenge Program/Price Verification.
Air Force	Warner Robins, GA Kelly Air Force Base, TX McClellan Air Force Base, CA	Price Challenge Program/Price Verification.
Contractors	United States Canada	Bailment
U.S. Army	Albany, GA	Provide official photography for local Army Reservists, National Guard, and Albany State College Army ROTC.

Activity Name	Location	Support Function
Robins AFB	Macon, GA	LOA to provide emergency AUTODIN services. (Narrative message traffic).
Federal Emergency Management Agency (FEMA)	Thomasville, GA	LOA to provide non-working hours emergency AUTODIN services. (Narrative message traffic).
National Guard, Reserve Forces	Southeastern GA area	Provide vehicle registration.
Federal Aviation Administration	Albany, GA	Provide photographic and lamination services for identification badges.
Dougherty County School System	Dougherty	Drug Awareness Resistance Education (DARE) training.
Military Traffic Management Command	Falls Church, VA	Magnetic tape of government Bills of Lading.
HQ 5th Combat Communications Group	Robins AFB, GA	Food services for field exercises.
Contractors/Private Citizens	CONUS	Provides Tech Data packages, Engineering Drawings under the Freedom of Information Act.
Bruce Jones Co.	Bldg. 5400, MCLB Albany, GA	Contractor operated parts store (COPARS). Provides repair parts for GME equipment.
Albany Fire Department	Albany, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fires and hazardous material accidents).
Worth County EMS/Fire Department	Worth County, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fires and hazardous material accidents).
Sylvester Fire Department	Sylvester, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fires and hazardous material accidents).
Lee County Fire Department	Lee County, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fires and hazardous material accidents).
Leesburg Fire Department	Leesburg, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fire and hazardous material accidents).
Camilla Fire Department	Camilla, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fire and hazardous material accidents).
Baconton Fire Department	Baconton, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fire and hazardous material accidents).
Newton Fire Department	Newton, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fire and hazardous material accidents).

Activity Name	Location	Support Function
Dawson Fire Department	Dawson, GA	Mutual Aid Support (Apparatus, equipment, and personnel for fighting fire and hazardous material accidents).
Public, private, and/or church schools	Dougherty, Lee, Worth, Tift, Crisp, Mitchell, and Cook counties	Public Fire Safety & Education Support (Sesame Street Fire Dept., "Freddie" the Fire Truck, "Sparky" the Fire Dog, "Oscar" the Grouch, "The Fireman", and other characters and fire prevention booklets and brochures to hand out.
Festivals, parades, and parades	Dougherty, Lee, Worth, Tift, Crisp, Mitchell, and Cook counties	Public Fire Safety & Education Support (Sesame Street Fire Dept., "Freddie" the Fire Truck, "Sparky" the Fire Dog, "Oscar" the Grouch, "The Fireman", and other characters and fire prevention booklets and brochures to hand out.
Georgia Public Service Training Center, Proctor & Gamble Paper Products, Merck & Co., Georgia Pacific, and all nearby counties	Dougherty, Lee, Worth, Tift, Crisp, Mitchell, and Cook counties	Fire Safety Training Support.
U.S. Army-ROTC Instr. at Albany State College	3rd ROTC Region Ft. Riley, KS	Housing Services.
U.S. Army Recruiter	U.S. Army Recruit Bn, Jacksonville, FL	Housing Services.
U.S. Air Force Recruiter	Moody Air Force Base, GA	Housing Services.
U.S. Army National Guard	24th Inf. Div. Ft Stewart, GA	Housing Services.
U.S. Army Active duty on unaccompanied tour	1st AG Repl Det	Housing Services.
Civilian-prior active duty personnel authorized to retain quarters on rental basis	Albany, GA	CG letter approving retention of quarters on rental basis for specified time.
Simulation, Training, and Instrumentation Command (STRICOM)	Orlando, FL	Contracting Support and legal review and counsel on Army acquisitions; advice and guidance on small business affairs.
U.S. Army Safety Center	Ft. Rucker, AL	Contracting Support.
Joint Chiefs of Staff	Washington, DC	Contracting support and legal review and counsel on JS and U&S Command acquisitions and guidance on small business affairs.
Def Manpower Data Center	Monterey, CA	Contracting Support.
Defense Institute Trng Resource Analysis	Monterey, CA	Contracting Support.
U.S. Army	HQ PM Soldier Woodbridge, VA	Assemble, pack, and distribute 300,000 laser protective sun, wind, and dust goggles.

Activity Name	Location	Support Function
81st Army Reserve Command	Atlanta, GA Fort Gillem, GA Jacksonville, FL Orlando, FL Miami, FL	Provide detachment of machines, tools, and test equipment to perform organizational/intermediate level maintenance on ground combat equipment (motor transport, engineer, communications/electronics) in support of the Army Reserves in remote locations.
Morocco Army	Morocco	Storage, preservation, preparation for shipment of 240 M60A1 combat tanks in support of the Moroccan Army.
ASC/YOC	Eglin AFB, FL	MCU2/P Gas Mast Testing.
CBDCOM Aberdeen Proving Grounds	Aberdeen, MD	DoD IG Independent M17/M40 Series Gas Mask testing.
HQ AMCCOM	Rock Island, IL	DoD IG Independent M17/M40 Series Gas Mask testing.
Air Mobility Command	Scott AFB, IL	Reimbursable funding support as required, certify for payment all reimbursable costs Marine Corps active and reserve components accrue through the use of Air Mobility Command controlled assets and Army's Military Traffic management Commands port facilities, including both unit deployment, redeployment, and personnel and their property.
Army Reserve/Air Force	Albany, GA	TAVSC Branch provides audiovisual equipment, software, and graphic arts services in support of briefing and training requirements.
Local Civic groups/organizations	Albany, GA	Provide material support.
Office of the Deputy Assistant Secretary of Defense (Environment)	Washington, DC	Contract Support.
Air Force, DLA, and Defense Investigative Service	Albany, GA	Communications Branch provides direct delivery communications support.
Air Force, DLA, and Defense Investigative Service	Albany, GA	Personal Property/Passenger transportation makes travel arrangements.

41. Major Customers of the MCLB

41.1 For the listed fiscal years, provide the breakout of planned expenditures in DLMHs by the following categories: work for Marine Corps; work for other services and DoD agencies; work for other Federal Government agencies; all other work including support to commercial companies; and the total planned DLMHs.

Table 41.1: Historic and Predicted Workload by Customer MC3 (K's)

Customer	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
DON: Marine Corps	1,298.0	1,396.6	1,490.4	1,515.6	1,644.2	1,644.2	1,644.2
DON: Navy	3.0	1.9	1.9	1.9	1.9	1.9	1.9
Other DOD (Specify) *	149.2	68.0	117.6	168.9	169.0	169.0	169.0
Other Federal Agencies (Specify) **	.4						
Commercial							
Other (Specify) ***	5.3	5.2	5.2	5.2	5.2	5.2	5.2
Total	1,455.9	1,471.7	1,615.1	1,691.6	1,820.3	1,820.3	1,820.3

*** Workload includes work performed for the Army, Air Force, and DLA.**
**** Workload includes work performed for the DEA and Coast Guard.**
***** Workload includes work performed for FMS.**

NOTE: Other DoD includes Amphibious workload for Marine Corps Assets loaned to and funded by the Army, in FYs 92-93, to return to condition code "A."

41. Major Customers of the MCLB, continued

Table 41.1: Historic and Predicted Workload by Customer Logistics Support (K's)

CUSTOMER	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
DON: Marine Corps	2,698.4	2.682.2	2,672.1	2,676.2	2,680.4	2,684.6	2,688.7
DoN: Navy	4	4	4	4	4	4	4
Other DoD (Specify)*	147.5	99.5	99.5	79.5	79.6	79.5	79.5
Other Federal**	1	1	1	1	1	1	1
Commercial							
Other (Specify)***	52.0	52.0	52.0	52.0	52.0	52.0	52.0
TOTAL	**2,902.9**	**2,838.7**	**2,828.6**	**2,812.7**	**2,817.0**	**2,821.1**	**2,825.2**

* **Civilian and Military hours included.**

** **CIM/JLSC, US Army Defense Manpower Data Center (East/West), Office of the Deputy Assistant Secretary of Defense, STRICOM, Army Safety Center Ft. Rucker, Small Business Administration.**

*** **Foreign Military Sales.**

ENVIRONMENT AND ENCROACHMENT

42. Environmental Considerations

42.1 Identify any environmental restrictions to expansion or to continued operations at this MCLB.

NONE.

42.2 Describe all undeveloped acreage or waterfront that is available to this MCLB, including its size, current state, and the amount of development required to make it useable. Specify any undeveloped acreage that is unique to this MCLB.

Undeveloped acreage at MCLB Albany is comprised of pine and pine/hardwood forest age 14 to 60 years and consists of approximately 1,300 acres. Forestland is managed for wildlife and timber production. Forests would need to be cleared of timber to be suitable for development. Wetlands comprise 168 acres of undeveloped land and are not suitable for development. MCLB Albany has 1,069 linear feet of waterfront property. At the present time, a Navy Clinic and Day Care Center are on the 10 plus acre site.

42.3 Identify any specific facilities, programs, or capabilities in regard to the handling and disposal of hazardous materials / waste at this activity.

MCLB Albany has a one-year storage facility for hazardous waste, permitted with the State of Georgia. In addition, we have three recently constructed less than 90-day storage facilities managed by properly trained personnel. Throughout the Base, we have over 100 satellite accumulation points for hazardous waste, which are in full compliance with the Georgia Environmental Protection Division.

Training and Sampling: All required hazardous waste training is conducted in-house by trained and certified hazardous waste instructors. In addition, all hazardous waste requiring analysis is sampled in-house by certified Environmental Branch personnel.

Emergency Response: MCLB Albany has its own in-house emergency response, capable of responding to everything from small spills to those requiring fully encapsulating suits with Self-Contained Breathing Apparatus. Equipment for the emergency response team is stored in two trailers, so all necessary response gear can be on-scene in a matter of minutes.

Aerosol Can Crusher: MCLB Albany's aerosol can crusher crushes cans used in various operations throughout the Base, greatly reducing the volume of waste disposed of, as well as capturing all Volatile Organic Compounds. After recapture, the actual cans are recycled for their metal content.

Oil Filter Crusher: MCLB Albany crushes all oil filters, fuel filters, and transmission filters. This not only reduces the bulk of waste generated, but also removes the hazard characteristics from the waste oil. As a result, this oil is reutilized in the boilers at our (MC)3 rather than disposed of.

Anti-freeze recycling unit: Award of an anti-freeze recycling unit will be made this summer. Not only will this eliminate disposal costs for this item, but also allow for reutilization.

42. Environmental Considerations, continued

High pressure parts washers: Newly installed high pressure parts washers at our MC3 have resulted in the elimination of 1, 1, 1-trichloroethane from our decreasing process. In addition, our Base GME is purchasing parts washers which use a citrus-based cleaner, eliminating the cost of disposal of hazardous waste.

Blast Grit recycling: A contract has been awarded to a construction firm to reutilize blasting grit in asphalt manufacture; eliminating disposal costs and saving precious landfill space.

Hazardous Material Management System: MCLB Albany is implementing an innovative computer system for tracking all hazardous material from initial purchase to final use and disposal. This will reduce excess purchasing and well as disposal cost.

Chrome plating: MCLB Albany uses a closed-loop chrome plating system, eliminating the F006 waste from our industrial waste stream.

New abrasive blast facility: MCLB Albany's recently completed abrasive blast facility uses state of the art technology, greatly reducing air emissions.

Upgrade to hazardous material warehouse: MCLB Albany has schedule start for a project to upgrade our hazardous material storage facility.

IWTP Modification: Design is underway to change the process at our IWTP to a sodium sulfide/ferrous sulfate, which will significantly reduce sludge generation and lower operating costs.

IR cleanup schedule: MCLB Albany was the first Navy or Marine Corps activity to sign a memorandum of understanding for accelerated cleanup of our Superfund sites. We are presently two years ahead of the schedule enforced by the EPA.

IR cleanup: MCLB Albany signed a Record of Decision in August of 1992 for cleanup of two of our Superfund sites, becoming the first Marine Corps installation to do so. We have completed cleanup at these sites.

Investigative Derived Waste: Part of the investigation at our Superfund sites includes rotosonic drilling of monitoring wells. This state of the art method greatly reduces the amount of waste generated.

Treatability Studies: This summer, MCLB Albany will conduct treatability studies for treatment of groundwater. The two alternatives being examined for pilot-scale testing including bioremediation (combination of anaerobic and aerobic degradation) and an innovative peroxone treatment in coordination with the Corps of Engineers.

Asbestos abatement: MCLB Albany utilizes the asbestos removal team from the Pensacola Public Works Center. Because another government agency is used, abatement costs is greatly reduced.

Stormwater survey: In cooperation with the USGS, MCLB Albany is conducting an extensive stormwater survey to establish source outfalls and determine monitoring procedures.

42. Environmental Considerations, continued

Temporary Hazardous Waste Storage Facility: This is a permanent facility constructed especially for the temporary staging of hazardous waste prior to moving it to the base storage facility. The facility is fully compliant with applicable federal and state requirements for this type of facility.

Industrial Waste Treatment Plant: This is a permanent facility which treats all industrial waste-water effluent from the Maintenance Center's industrial activities. It removes oil, heavy metals, and sediment before the waste water is sent to the public-owned domestic sewage system.

Hazardous Waste Program: This program has been established within the Maintenance Center to fully comply with state and federal regulations concerning accumulation, labeling, documentation, handling, storage, and disposal of hazardous waste.

43. Encroachment Considerations

43.1 Identify all ground, industrial noise, HERO, approach channel, waterway, harbor, air space, or other encroachments of record at this MCLB.

Table 43.1: Encroachments of Record

Encroachment	Date Recorded	Current Status
NONE		

Quality of Life Factors

44. Military Housing - Family Housing

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

Yes - E5 and Below
No - E6 and Above

44. Military Housing - Family Housing, continued

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

Table 44.2: Available Military Family Housing

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	25	25	0	0
Officer	3	72	72	0	0
Officer	1 or 2	0	0	0	0
Enlisted	4+	93	93	0	0
Enlisted	3	465	465	0	0
Enlisted	2	19	19	0	0
Mobile Homes		0	0	0	0
Mobile Home lots		20	20	0	0

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

N/A

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

44. Military Housing - Family Housing, continued

44.4 Complete the following table for the military housing waiting list. Report Number on list as of 31 March 1994.

Table 44.4: Military Housing Waiting List

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1	0	
	2	0	
	3	0	
	4+	0	30-90 DAYS
O-4/5	1	0	
	2	0	
	3	0	
	4+	0	
O-1/2/3/CWO	1	0	
	2	0	
	3	0	
	4+	0	
E7-E9	1	0	
	2	0	
	3	0	
	4+	0	
E1-E6	1	0	
	2	0	6-12 M0 *
	3	0	15-30 DAYS
	4+	0	

*** Whole house renovation project originates this average wait.**

44. Military Housing - Family Housing, continued

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

Table 44.5: Housing Demand Factors

	Top Five Factors Driving the Demand for Base Housing
1	Location
2	Cost
3	Security
4	Military Neighborhood Environment
5	Availability

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

NONE

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

Table 44.7: Family Housing Utilization

Type of Quarters	Utilization Rate (%)
Adequate	92.9%
Substandard	N/A
Inadequate	N/A

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

No significant change in utilization from FY 93 through 31 Mar 94. Occupancy is low because inventory exceeds requirements since 1974 when MCLB Albany acquired 430 quarters

following closure of NAS Albany.

QUALITY OF LIFE FACTORS

45. Military Housing - Bachelor Quarters

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

Table 45.1: BEQ Utilization

Type of Quarters	Utilization Rate
Adequate	73%
Substandard	N/A
Inadequate	N/A

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

There has been a 20% increase in occupancy from FY 1993's 30 September rate of 73% to 31 March's rate of 93%. The variance is due primarily to changes in student load and is influenced by the number of enlisted personnel residing in family housing.

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

$$AOB = \frac{17\ (\#\ GB) \times 232\ (\text{average \# of days in barracks})}{365} \qquad AOB = \underline{10.8}$$

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

Table 45.4: Reasons for Geographic Separation (BEQ)

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	4	9	
Spouse Employment (non-military)	10	21	
Other	33	70	Legal Separation, awaiting divorce, students, etc.

TOTAL	47	100 %

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

GB Off-Base = 14 (As of 30 Sep 93)

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

Table 45.6: BOQ Utilization

Type of Quarters	Utilization Rate
Adequate	75%
Substandard	N/A
Inadequate	N/A

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

There has been an 8% variance increase in occupancy from FY 1993's 30 September rate of 75% to 31 March's rate of 83% with only an increase of one occupant.

NOTE: There are only 12 Bachelor Officer Quarters available with each occupant counting as 8.34% of the utilization rate.

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

$$AOB = \frac{19\ (\#\ GB \times 135\ (\text{average}\ \#\ \text{days in barracks})}{365}$$

AOB = 7.02

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

Table 45.9: Reasons for Geographic Separation (BOQ)

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	10	53	
Spouse Employment (non-military)	4	21	
Other	5	26	Legal Separation, awaiting divorce, etc.
TOTAL	19	100%	

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

GB Off-Base = 2 (as of 30 Sep 93)

QUALITY OF LIFE FACTORS

46. MWR Facilities

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

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

LOCATION N/A DISTANCE N/A

Table 46.1.a: MWR Facilities Summary

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Auto Hobby	Indoor Bays	5	N/A
	Outdoor Bays	5	N/A
Arts/Crafts	SF		N/A
Wood Hobby	SF		N/A
Bowling	Lanes	6	Y
Enlisted Club	SF	15,360	Y
Officer's Club	SF	2,704	Y
Library	SF	6,912	N/A
Library	Books	26,000	N/A
Theater*	Seats	312	N/A
ITT	SF		N/A
Museum/Memorial	SF		N/A
Pool (indoor)	Lanes		N/A
Pool (outdoor)**	Lanes	6	N
Beach	LF		N/A
Swimming Ponds	Each		N/A
Tennis Court	Each	5	N/A

* **The base theater is used for training purposes only.**

** **There are a total of three outdoor pools at MCLB Albany of which only one has**

marked lanes (totaling six lanes).

46. MWR Facilities, continued

Table 46.1.b: MWR Facilities Summary

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Volleyball Court (outdoor)	Each	5	N/A
Basketball Court (outdoor)	Each	4	N/A
Racquetball Court	Each	2	N/A
Golf Course	Holes	9	N
Driving Range	Tee Boxes	10	N
Gymnasium	SF	11,242	N/A
Fitness Center	SF	1,100	N/A
Marina	Berths		N/A
Stables	Stalls		N/A
Softball Field	Each	2	N/A
Football Field	Each	1	N/A
Soccer Field	Each	1	N/A
Youth Center (2)	SF	3,371	N/A

46.2 Is your library part of a regional interlibrary loan program?

NO

47. Base Family Support Facilities and Programs

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

Table 47.1: Child Care Availability

Age Category	Capacity (# of Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 months	4	460			18	6 mths-1yr
6-12 months	4	460			6	9 mths-1yr
12-24 months	13	920			16	9 mths-1yr
24-36 months	15	640			4	9 mths-1yr
3-5 years	82	4,640	2,080		16	9 mths-1yr

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

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?

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

A Resource and Referral Program is sponsored by this Command to assist DoD employees with locating off base civilian programs in meeting their child care needs.

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

= 9

47. Base Family Support Facilities and Programs, continued

47.5 Are there other military child care facilities within 30 minutes of the base?

NO

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

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

Table 47.6: Available Services

Service	Unit of Measure	Quantity
Exchange	SF	13460
Gas Station	SF	868
Auto Repair	SF	N/A
Auto Parts Store	SF	N/A
Commissary	SF	34,190
Mini-Mart (2)	SF	3,142
Package Store	SF	1,575
Fast Food Restaurants	Each	2
Bank/Credit Union	Each	0/1
Family Service Center	SF	6,047
Laundromat	SF	0
Dry Cleaners	Each	1
ARC	PN	0
Chapel	PN	300
FSC Classroom/Auditorium	PN	28
Military Clothing Sale Store	SF	935
Substance Abuse Counselors	EA	2

BLANK PAGE

QUALITY OF LIFE FACTORS

48. Metropolitan Areas

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

Table 48.1: Proximate Metropolitan Areas

City	Distance (Miles)
Tallahassee, FL	95
Macon, GA	100
Columbus, GA	104

QUALITY OF LIFE FACTORS

49. VHA Rates

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

Table 49.1: VHA Rates

Paygrade	With Dependents	Without Dependents
E1	3.57	2.00
E2	3.57	2.24
E3	00	00
E4	00	00
E5	00	00
E6	00	00
E7	17.84	12.39
E8	9.43	7.13
E9	40.38	30.66
W1	43.61	33.12
W2	2.60	2.04
W3	30.48	24.78
W4	44.93	39.84
O1E	00	00
O2E	00	00
O3E	11.49	9.72
O1	00	00
O2	00	00
O3	9.25	7.79
O4	23.04	20.03
O5	11.59	9.58
O6	00	00
O7	00	00

QUALITY OF LIFE FACTORS

50. Off-base Housing Rental and Purchase

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

Table 50.1: Recent Rental Rates

Type of Rental	Average Monthly Rent		Average Monthly Utilities Cost*
	Annual High	Annual Low	
Efficiency	N/A	N/A	N/A
Apartment (1-2 Bedroom)	$349	$315	$58
Apartment (3+ Bedroom)	$442	$428	$106
Single Family Home (3 Bedroom)	$482	$482	$125
Single Family Home (4+ Bedroom)	$500	$500	$145
Town House (2 Bedroom)	$370	$332	$85
Town House (3+ Bedroom)	$420	$420	$120
Condominium (2 Bedroom)	$365	$345	$85
Condominium (3+ Bedroom)	$415	$400	$120

*** NOTE: Utility costs include electricity, gas, water, sewage, and trash collection.**

50. Off-base Housing Rental and Purchase

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

Table 50.2: Rental Occupancy Rate

Type Rental	Occupancy Rate (%)
Efficiency	N/A
Apartment (1-2 Bedroom)	99%
Apartment (3+ Bedroom)	93%
Single Family Home (3 Bedroom)	97%
Single Family Home (4+ Bedroom)	97%
Town House (2 Bedroom)	95%
Town House (3+ Bedroom)	94%
Condominium (2 Bedroom)	95%
Condominium (3+ Bedroom)	94%

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

Table 50.3: Regional Home Costs

Type of Home	Median Cost
Single Family Home (3 Bedroom)	$67,000
Single Family Home (4+ Bedroom)	$89,000
Town House (2 Bedroom)	$40,000
Town House (3+ Bedroom)	$55,000
Condominium (2 Bedroom)	$40,000
Condominium (3+ Bedroom)	$55,000

50. Off-base Housing Rental and Purchase, continued

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

Table 50.4: Housing Availability

Month	Number of Bedrooms		
	2	3	4+
January	4	56	7
February	6	53	7
March	4	43	12
April	5	50	10
May	9	52	8
June	14	53	9
July	10	51	4
August	7	49	3
September	9	53	2
October	13	51	6
November	10	49	4
December	7	46	3

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

The cost drivers in the Albany area are low vacancy rates and lack of available rental units. Single dwelling rentals are more difficult to obtain. Also, purchase prices are driven by location, size, and quality.

QUALITY OF LIFE FACTORS

51. Sea-Shore Opportunities

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

Table 51.1: Sea Shore Opportunities

Rating	# Sea Billets in Local Area	# Shore Billets in Local Area
N/A	N/A	N/A

52. Commuting Distances

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

Table 52.1: Commuting Distances

Location	% Employees	Distance (mi)	Time (min)
Dougherty	68.0	10	12
Lee	11.7	25	30
Worth	11.0	15	20
Colquitt	5.9	35	45
Mitchell	3.4	20	25

53. REGIONAL EDUCATIONAL OPPORTUNITIES

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

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

Table 53.1: Educational Opportunities
Elementary Schools (Kindergarten - 5th Grade)

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost/Student	SAT/ACT Score	% HS to College	Source of Info
Coachman Park	Public	K-5	Yes*	N/A	N/A	N/A	DCSS**
Flintside	Public	K-5	Yes*	"	"	"	"
Isabella	Public	K-5	Yes*	"	"	"	"
Jackson Hts	Public	K-5	Yes*	"	"	"	"
Lake Park	Public	K-5	Yes*	"	"	"	"
Lincoln Fundamental	Public	K-5	Yes*	"	"	"	"
Magnolia	Public	K-5	Yes*	"	"	"	"
M.L. King Jr	Public	K-5	Yes*	"	"	"	"
Mock Road	Public	K-5	Yes*	"	"	"	"
Morningside	Public	K-5	Yes*	"	"	"	"
Northside	Public	K-5	Yes*	"	"	"	"
Palmyra Hts	Public	K-5	Yes*	"	"	"	"
Radium Springs	Public	K-5	Yes*	"	"	"	"
Sherwood	Public	K-5	Yes*	"	"	"	"
Sylvandale	Public	K-5	Yes*	"	"	"	"
Sylvester Road	Public	K-5	Yes*	"	"	"	"
Turner	Public	K-5	Yes*	"	"	"	"
West Town	Public	K-5	Yes*	"	"	"	"

*** Special educational services are provided as necessary.**
**** Dougherty County School System**

53. Regional Educational Opportunities, continued

Table 53.1: Educational Opportunities
Middle Schools (6th-8th grades)

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost/Student	SAT/A CT Score	% HS to College	Source of Info
Albany	Public	6-8	Yes*	N/A	N/A	N/A	DCSS**
Dougherty	" "	6-8	Yes*	"	"	"	"
Highland	" "	6-8	Yes*	"	"	"	"
McIntosh	" "	6-8	Yes*	"	"	"	"
M.L. King Jr	" "	6-8	Yes*	"	"	"	"
Merry Acres	" "	6-8	Yes*	"	"	"	"
Radium Springs	" "	6-8	Yes*	"	"	"	"
Southside	" "	6-8	Yes*	"	"	"	"

Private Schools

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost/Student	SAT/A CT Score	% HS to College	Source of Info
St Theresa's	Par	K-8	No	$2,100/450	N/A	N/A	DCSS**
Sherwood Christian	Pvt	K-12	No	1,850/560	960	90%	"
Byne Mem Bap	Pvt	K-12	Yes*	1,700/45	N/A	N/A	"
Darcy High	Pvt	K-12	Yes*	1,674/125	N/A	50%	"
New Cov Acad	Pvt	K-12	Yes*	1,650/45	950	75%	"
Deerfield Windsor	Pvt	K4-12	Yes*	4,000/60	1,038	100%	"

*** Special educational services are provided as necessary**
**** Dougherty County School System**
Par - Parochial
Pvt - Private

53. Regional Educational Opportunities, continued

High Schools (9th-12th grades)

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost/Student	SAT/ACT Score	% HS to College	Source of Info
Albany	Public	9-12	Yes	N/A	950	40%	DCSS*
Dougherty	Public	9-12	Yes	"	800	60%	" "
Monroe	Public	9-12	Yes	"	800	40%	" "
Westover	Public	9-12	Yes	"	800	55%	" "

*** Dougherty County School System.**

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

Table 53.2: Off-Base Educational Programs

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Albany State College	Day	No	No	No	Yes	Yes
	Night	No	No	No	Yes	Yes
Georgia Southwestern	Day	No	No	No	Yes	Yes
	Night	No	No	No	Yes	Yes
Darton College	Day	No	No	No	Yes	No
	Night	No	Yes	Yes	Yes	No
Albany Tech	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
Adult Ed Center	Day	Yes	No	No	No	No
	Night	Yes	No	No	No	No

53. Regional Educational Opportunities, continued

Table 53.3: On Base Educational Programs

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Valdosta State University	Day	No	Yes	No	Yes	No
	Night	No	Yes	No	Yes	No
	Corres	No	No	No	No	No

54. Spousal Employment Opportunities

54.1 Provide the following data on spousal employment opportunities.

Table 54.1: Spouse Employment

Skill Level*	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%)*
	1991*	1992*	1993*	
Professional	*			
Manufacturing	*			
Clerical	*			
Service	*			
Other	*			
TOTAL		91	127	

*** No history of files available by skill level. Local Department of Labor captures data by race/sex. Available CRMC client statistics also by race/sex/military status.**

55. MEDICAL / DENTAL CARE

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

Albany does not have a military hospital but does have a medical and dental clinic. Military personnel that need surgery or special care such as orthopedic, braces, etc., are sent to other military facilities (most within a 200-mile radius of Albany). Other than the travel time to and from other medical facilities, military personnel are not limited to adequate medical or dental care.

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

Military dependents have access to limited medical care through the military system but no dental care. However, there is adequate civilian health and dental care available. Albany has two large hospitals (Palmyra Medical Center and Phoebe Putney Memorial Hospital), over 150 physicians and surgeons available, and over 60 dentists.

56. CRIME RATE

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

Table 56.1.a: Local Crime Rate*

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

56. CRIME RATE, CONTINUED

Table 56.1.b: Local Crime Rate*

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	N/A	N/A	N/A
Base Personnel - military	N/A	N/A	N/A
Base Personnel - civilian	N/A	N/A	N/A
Off Base Personnel - military	N/A	N/A	N/A
Off Base Personnel - civilian	N/A	N/A	N/A
6. Burglary (6N)	18	10	5
Base Personnel - military	8	5	3
Base Personnel - civilian	10	5	2
Off Base Personnel - military			
Off Base Personnel - civilian			
7. Larceny - Ordnance (6R)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)	18	26	22
Base Personnel - military	1	4	10
Base Personnel - civilian	17	16	4
Off Base Personnel - military			
Off Base Personnel - civilian		3	0

56. CRIME RATE, CONTINUED

Table 56.1.c: Local Crime Rate*

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	111	131	153
Base Personnel - military	2	5	10
Base Personnel - civilian	5	36	15
Off Base Personnel - military			
Off Base Personnel - civilian			8
10. Wrongful Destruction (6U)	18	26	13
Base Personnel - military	8		1
Base Personnel - civilian	10	5	3
Off Base Personnel - military		2	
Off Base Personnel - civilian		19	8
11. Larceny - Vehicle (6V)	0	0	2
Base Personnel - military			1
Base Personnel - civilian			1
Off Base Personnel - military			
Off Base Personnel - civilian			
12. Bomb Threat (7B)	2	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian	1	0	0

56. CRIME RATE, CONTINUED

Table 56.1.d: Local Crime Rate*

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
14. Assault (7G)	41	37	24
Base Personnel - military	20	22	11
Base Personnel - civilian	10	19	14
Off Base Personnel - military			5
Off Base Personnel - civilian	12	7	
15. Death (7H)	1	2	0
Base Personnel - military	1	1	
Base Personnel - civilian		1	
Off Base Personnel - military			
Off Base Personnel - civilian		1	
16. Kidnapping (7K)	0	0	1
Base Personnel - military			1
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

56. CRIME RATE, CONTINUED

Table 56.1.e: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	10	6	16
Base Personnel - military	2	4	5
Base Personnel - civilian	3	1	2
Off Base Personnel - military			
Off Base Personnel - civilian	5	1	9
19. Perjury (7P)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)	1	0	2
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military	1		1
Off Base Personnel - civilian			1
21. Traffic Accident (7T)	98	81	84
Base Personnel - military	14	20	10
Base Personnel - civilian	38	49	56
Off Base Personnel - military	10		8
Off Base Personnel - civilian	36	12	10

56. CRIME RATE, CONTINUED

Table 56.1.f: Local Crime Rate*

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	0	1	1
Base Personnel - military		1	
Base Personnel - civilian			1
Off Base Personnel - military			
Off Base Personnel - civilian			
23. Indecent Assault (8D)	3	3	3
Base Personnel - military	2	1	3
Base Personnel - civilian	1	1	2
Off Base Personnel - military		1	
Off Base Personnel - civilian			1
24. Rape (8F)	1	1	1
Base Personnel - military	1	1	1
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
25. Sodomy (8G)	0	0	1
Base Personnel - military			1
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

*** Entries on the Case Category/Crime Definition line reflect the total number of incidents for each year. Entries on the Personnel Classification lines reflect the total number of victims of a specific personnel classification for each year. Therefore, the sum of all personnel classifications for a given year may be greater than the total number of incidents for that year, or if the classification of a victim for a particular incident or incidents is unknown, it may be less that the total number of incidents reflected in the Case Category/Crime Definition line for a given year.**

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993 DC # 43 - Military Value

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

MAJGEN J. D. STEWART

NAME (Please type or print)

COMMANDING GENERAL

Title

MCLB, ALBANY, GA.

Activity

J D Stewart

Signature

13 July 94

Date

Data Call # 43 - Military Value

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

NEXT ECHELON LEVEL (if applicable)

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

COMMANDER
Title

MARCORLOGBASES, ALBANY, GA.
Activity

J D Stewart
Signature

13 July 94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

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

8/11/94
Date