UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO

15/EHJ/mkc
P11010/1
16 DEC 1970

From: Commanding General
To: Commandant of the Marine Corps (Code COA)
Via: Commanding Officer, Naval Hospital, Camp Lejeune, North Carolina 28542

Subj: Consolidation of Support Services in Camp Lejeune Area; Interim Report on

Ref: (a) CMC ltr COA-2-jmm of 13 Jul 1970
(b) CG MCB CLNC ltr 4A/MDD/mkc over P11010/1 of 9 Sep 1970 to CMC
(c) CMC ltr COA-2-mn of 23 Sep 1970 to COMNAVFACENGCOM
(d) COMNAVFACENGCOM ltr FAC-1051H/HLH:bg 11000.27 of 16 Oct 1970 to COMLANTDIV NAVFACENGCOM
(e) COMLANTDIV NAVFACENGCOM ltr 09BC:HDH:mt 11000.27 of 4 Nov 1970 to CG MCB CLNC

Encl: (1) Interim Report on Feasibility Study for Consolidation of Support Services in CLNC Area (Naval Hospital, CLNC with MCB, Camp Lejeune) (10 copies)

1. In accordance with reference (a), enclosure (1) is submitted as an interim report.

2. The final report will be submitted upon receipt/review of the detailed analysis of the subject consolidation, which is being conducted by the Atlantic Division, Naval Facilities Engineering Command (LANTDIV NAVFAC-ENGCOM). References (b) through (e) apply.

3. The consolidation of various support services/functions at Marine Corps Air Station (Helicopter), New River, with those of MCB, Camp Lejeune, is the subject of separate correspondence.

J. M. CALLENDER
Chief of Staff

Copy to: (2 each)
BUMED
NAVFACENGCOM
NAVFACENGCOM LANTDIV

HEADQUARTERS, MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

4A/MDD/awk
P11010/1
14 Dec 1970

INTERIM STAFF STUDY

Subj: Feasibility Study for Consolidation of Support Services at Naval Hospital, Camp Lejeune with those of Marine Corps Base, Camp Lejeune

Ref: (a) CMC ltr COA-2-jmm of 13 Jul 1970

(b) CG MCB CLNC ltr 9/WWS/jew of 23 Aug 1966 (Consolidation of Common Support Services in CLNC Area)

(c) NAVCOMP INST 7100.43 (Budget and Funding for Public Works Maintenance and Operating Cost)

(d) CG MCB CLNC ltr 4A/MDD/mkc over P11010/1 of 9 Sep 1970 to CMC

(e) CMC ltr COA-2-mn of 23 Sep 1970 to COMNAVFACENGCOM

(f) COMNAVFACENGCOM ltr FAC-1051H/HLH:bg 11000.27 of 16 Oct 1970 to COMLANTDIV NAVFACENGCOM

(g) COMLANTDIV NAVFACENGCOM ltr 09BC:HDH:mt 11000.27 of 4 Nov 1970 to CG MCB CLNC

(h) CG MCB CLNC ltr 15/EHJ/awk over P11010/1 of 24 Sep 1970

(i) CMC LTR COA-2-dhw of 7 Aug 1970

INTRODUCTION

a. Background

(1) Reference (a) directed that reference (b) be updated, and requested the cooperation and participation of the Naval Hospital, Camp Lejeune in evaluating the economic and operational aspects of consolidating real property functions at Marine Corps Base, Camp Lejeune; Marine Corps Air Station (Helicopter), New River; and Naval Hospital,

Camp Lejeune; with this command operating as a "lead activity" as outlined in reference (c). A final report of the study is required by 31 December 1970, and a progress report was requested by 30 September 1970.

(2) In accordance with paragraph 5 of reference (a), reference (d) requested the assistance of an Engineering Field Division of the Naval Facilities Engineering Command (NAVFACENGCOM) in conducting a detailed analysis of the subject consolidation. References (e), (f), and (g) implemented this request.

(3) Reference (h) constituted the requested progress report.

b. Scope. Paragraph 3 of reference (i) stated in part that "This guidance is not intended to preclude the study of additional functions at the discretion of the activities concerned." Accordingly, and in consonnance with the Commanding Officer, Naval Hospital, Camp Lejeune, the following functions were selected for update/resubmission:

(1) Maintenance (As directed by reference (a)).

(2) Supply Services (Laundry Operations).

(3) Motor Transport.

NOTE: Civilian Personnel, and Quarters and Housing were not included due to previous consolidation.

1. PROBLEM. To evaluate the economic and operational aspects of consolidating various support services/functions at the Naval Hospital, Camp Lejeune with those of Marine Corps Base, Camp Lejeune.

2. ASSUMPTIONS

a. That the Department of the Navy's policy pertaining to consolidation of support services among shore activities remains:

(1) That wherever two or more naval shore activities are in close proximity to each other, common support services shall be consolidated to the maximum possible degree and furnished by the major/"lead" activity.

(2) That this policy is based upon an effort to effect economy in manpower, materials, and overhead without reducing operational effectiveness.

b. That future support requirements will remain at approximately the same level as that which currently exists, and that the standard/quality of support will be maintained at current levels or improved.

c. Facilities vacated as a result of the consolidation can be effectively utilized by the commands involved with relatively small cost for alterations or improvements, or can be deactivated at a reduced cost of operations and/or maintenance.

d. Consolidation will require necessary coordination by the various Department of the Navy Bureaus/Commands and Headquarters, Marine Corps (HQMC) to achieve a standardized and integrated effort. Specific areas requiring coordination are:

(1) Both military and civilian personnel ceilings and manning levels will require coordination/revision between respective commands based on assumption of additional support services/functions by MCB, Camp Lejeune.

(2) Allowance lists for all equipment used in conjunction with major support services/functions, including construction and materials-handling equipment, will also require coordination/revision.

(3) Funding

(a) Funding will be accomplished initially on a reimbursable basis at the station level until such time as it is determined feasible and desirable to arrange for a transfer of funds at the HQMC/BUMED level.

(b) HQMC, in coordination with the Navy Comptroller, will determine a method for Naval Hospital, Camp Lejeune to pay normally nonrecoverable and other identifiable costs to MCB, Camp Lejeune during the period of reimbursable payments.

(c) Subsequent to the period of reimbursable payments, budgeting and funding procedures will be established to provide for a transfer of funds at the HQMC/BUMED level.

(4) Conflicts in existing directives issued by higher administrative/operational headquarters will result from this consolidation. However, Headquarters, Marine Corps and Navy Management Bureaus must revise these directives to permit final consolidation.

e. Specific assumptions are listed in the individual studies, Anexes A through C.

3. FACTS BEARING ON PROBLEM

a. General

(1) The continuing shortage of funds for operation and maintenance of facilities requires that every effort be made to realize savings through consolidation of functions at activities which are located in the same geographical area.

(2) Naval Hospital, Camp Lejeune is contiguous to MCB, Camp Lejeune.

(3) Current on-board military population (approximate) in the

Camp Lejeune Area is as follows:

(a)	MCB, Camp Lejeune (Includes 2dMarDiv and ForTrps, FMFLant):	34,000	(89%)
(b)	MCAS(H), New River:	4,000	(10%)
(c)	Naval Hospital, CLNC:	400	(01%)
	TOTAL:	38,400	

(4) Total FY-71 Operating Fund Authorization (approximate), including reimbursables, for the Camp Lejeune Area is as follows:

(a)	MCB, Camp Lejeune:	$55,500,000
(b)	MCAS(H), New River:	6,500,000
(c)	Naval Hospital, CLNC:	2,300,000
	TOTAL:	$64,300,000

b. Maintenance

(1) Maintenance Division of the Naval Hospital's Public Works Department employs approximately 40 civilian/military personnel to accomplish their maintenance functions; whereas, MCB Maintenance Department employs well over 800-civilian/military personnel in order to provide maintenance/utility support to FMF tenant commands and organic MCB units.

(2) Base Maintenance Department is currently providing the following maintenance-type support to the Naval Hospital, CLNC:

(a) Maintenance of Public Quarters (MCB Administered).

(b) Maintenance of Telephone System on a reimbursable basis.

(c) Furnish Utilities (electricity, water, stea, etc.) on a reimbursable basis.

(d) Emergency maintenance on a reimbursable basis.

c. Laundry

(1) The MCB Laundry has the capability/capacity to absorb the

workload of the Naval Hospital Laundry.

(2) The Naval Hospital requires non-disrupted laundry service, with a responsive emergency back-up; and positive control features to prevent the possibility of contamination/cross-infection.

d. Motor Transport

(1) Naval Hospital, CLNC operates approximately 25-items of motor transport equipment/vehicles in a self-supporting role; whereas, MCB, Camp Lejeune currently operates over 1400-vehicles/equipment in support of FMF tenant commands and organic MCB units.

(2) Naval Hospital, CLNC performs 1st through 3d and limited 4th echelon maintenance on their assigned vehicles/equipment. MCB, Camp Lejeune performs 1st through 4th echelon maintenance on organic vehicles/equipment; 2d through 4th echelon maintenance on commercial vehicles assigned to FMF tenant commands for in-garrison use; and occasional 4th echelon maintenance on Naval Hospital, CLNC vehicles/equipment on a reimbursable basis.

(3) From an administrative standpoint, many differences/variances exist in equipment management and cost accounting/reporting procedures utilized by the Marine Corps and the Naval Facilities Engineering Command.

4. DISCUSSION

a. Maintenance. See Annex A and Annex C (i.e., Maintenance-type equipment/vehicles).

b. Laundry. See Annex B.

c. Motor Transport. See Annex C.

5. CONCLUSIONS. (Awaiting receipt/review of the detailed analysis of the subject consolidation, which is being conducted by the Atlantic

Division, Naval Facilities Engineering Command. References (d) through (g) apply.)

6. RECOMMENDATIONS. (Same as paragraph 5. above.)

ANNEXES:

A - Maintenance

B - Laundry

C - Motor Transport

15B/HAP/ai
P11010/1

11 DEC 1970

MAINTENANCE CONSOLIDATION STUDY

1. PROBLEM To determine the feasibility of consolidating the functions of maintaining real property, including family housing, at the Naval Hospital, Camp Lejeune with those of the Marine Corps Base, Camp Lejeune.

2. ASSUMPTIONS

a. That the staffing of the two activities is not balanced and is not directly proportionate to the existing workload.

b. That the standards of maintenance will be in accordance with Marine Corps Order P11000.4__.

c. That the workloads in maintenance of the two activities will increase as facilities are added and existing facilities become older.

d. That the work accomplished by MCB, Camp Lejeune, as the lead activity for the Naval Hospital, CLNC will be performed on a reimbursable basis, except for overhead and indirect expenses.

e. That once having accepted any function, the lead activity is responsible for it and the internal organization of consolidated maintenance is immaterial as long as the work is timely, properly performed, and appropriately documented.

3. FACTS

a. The two activities are contiguous, with the principal maintenance shops of MCB, Camp Lejeune located approximately three miles from the shop facilities of the Naval Hospital, CLNC.

b. Currently, MCB, Camp Lejeune is authorized 810-civilian and 47-military billets in the Base Maintenance Department, as shown in Appendix 1, Tab A. The Maintenance Division of the Public Works Department, Naval Hospital, CLNC is authorized 37-civilian billets, as shown in Appendix 1, Tab B.

ANNEX A

c. Maintenance control systems of the two activities are different in that the managerial systems utilized at Naval Hospital, CLNC are responsive to Naval, vice Marine Corps Directives.

d. Facilities at MCB, Camp Lejeune and Naval Hospital, CLNC have been increased since the last consolidation study was made. See Enclosure (1) to Tab B to Appendix 3 for a listing of the new facilities at MCB, Camp Lejeune, and Enclosure (2) to Tab B to Appendix 3 for new facilities at Naval Hospital, CLNC.

e. The maintenance of the telephone system at the Naval Hospital, CLNC was consolidated with that of MCB, Camp Lejeune on 18 November 1966. The function of operation remained with the Naval Hospital, CLNC.

4. DISCUSSION

a. General

(1) The Base Maintenance Department, MCB, Camp Lejeune and the Maintenance Division, Public Works Department, Naval Hospital, CLNC have similar functions (See Appendix 2) and accomplish work by imilar controlled maintenance procedures. Base Maintenance Department performs work for the Naval Hospital, CLNC upon request, and furnishes utilities (electric power, steam, water, sewage and liquified petroleum gas) on a reimbursable basis. The telephone systems at the Naval Hospital, CLNC are maintained by Base Maintenance Department on a reimbursable basis.

(2) Certain responsibilities of the Hospital Maintenance Division are not common to the Base Maintenance Department. These functions include management of the Facilities Projects Program; Military Construction Program; Bachelor Housing Program; Safety Program and Transportation Services.

(a) In addition, the Hospital Maintenance Officer has the additional duty as Assistant Resident Officer in Charge of Construction for Atlantic Division, Naval Facilities Engineering Command (LANTDIV NAVFACENGCOM) construction contracts at the Naval Hospital, CLNC.

(b) Consolidation of Hospital Transportation Section and Base Motor Transport Department is being studied concurrently with this study (See Annex C).

(3) The Commanding General, MCB, Camp Lejeune (Via the Commandant of the Marine Corps) has requested that the Naval Facilities Engineering Command render assistance in the conduct of this study by conducting a detailed analysis of the subject consolidation.

b. Budgeting

(1) MCB, Camp Lejeune. Maintenance funds are provided by Headquarters, Marine Corps. Base Maintenance Department budgets for all areas of mission responsibility, including labor and material for general operational funding, and labor/material for the following specific areas:

(a) Maintenance and repair of buildings, structures and grounds, including family housing.

(b) Maintenance and repair of Utility Plants, distribution systems and their equipment.

(c) Purchased utilities.

(d) Insect/rodent control, and refuse/garbage collection.

(e) Forestry management.

(f) Reimbursable work and services furnished tenants; appropriated/non-appropriated fund activities; and private parties; as required.

(2) Naval Hospital, CLNC. Maintenance funds are provided by the Bureau of Medicine and Surgery. The maintenance budget is prepared by the Hospital Fiscal and Supply Division, with Maintenance Division providing information on requirements outside the normal and routine. Generally, these areas of maintenance responsibility are similar to MCB, Camp Lejeune and funding could be easily identified within the command budget.

c. Maintenance Controls

(1) MCB, Camp Lejeune. Base Maintenance Department has an Operations Division to administer the Control Maintenance Program. The Operations Division consists of three branches: Work Reception and Programming; Planning and Estimating; and Inspection Branches. Scheduling of specific work is done in the Maintenance and Repair Division, and the Operations Division prepares the Type A Annual Inspection Summary for MCB, Camp Lejeune (Tab A to Appendix 4).

(2) Naval Hospital, CLNC. Maintenance Division has one Planner/Estimator. The Planner/Estimator, and the enlisted Assistant Maintenance Officer perform required inspections. They prepare their own Type A Annual Inspection Summary (Tab B to Appendix 4).

d. Emergency and Service Work

(1) MCB, Camp Lejeune. Maintenance and Repair Division of the Base Maintenance Department has an Emergency/Service Branch which responds to emergency calls and routine service work. Emergency calls are received by telephone and emergency/service work authorizations are limited to 16-hours or less. This branch also responds to after hours calls from Naval Hospital, CLNC on a reimbursable basis.

(2) Naval Hospital, CLNC. Emergency calls are received by telephone and are responded to by personnel from the shops branch. Service work is received on written work request and accomplished by personnel from the shops branch on a routine basis. In certain cases, the Naval Hospital, CLNC requests assistance from Base Maintenance Department for after hours emergency work; however, they perform own after hours emergency work when special knowledge of the system involved is required.

e. Specific Work (MCB, Camp Lejeune and Naval Hospital, CLNC). Both installations use Specific Work Authorizations which are planned, estimated, scheduled and accomplished with shop personnel.

f. Preventive Maintenance (Dynamic Equipment Inspection/Services) and Recurring Maintenance

(1) MCB, Camp Lejeune. Base Maintenance Department performs preventive maintenance and recurring maintenance on a scheduled frequency.

(2) Naval Hospital, CLNC. Maintenance Division shop personnel performs preventive maintenance (DEI/S) on a scheduled frequency.

g. Grass Cutting (MCB, Camp Lejeune and Naval Hospital, CLNC). Each installation cuts its own grass and maintains its grass cutting equipment with their own personnel.

h. Roads and Grounds (MCB, Camp Lejeune and Naval Hospital, CLNC). Each installation maintains its own roads and grounds, with their own personnel/equipment.

i. Refuse and Garbage

(1) MCB, Camp Lejeune. Base Maintenance Department collects refuse/garbage, and hauls it to the base dump, using assigned vehicles. Refuse/garbage collection from Capehart, Paradise Point and Naval Hospital, CLNC quarters areas is picked up by civilian contractor.

(2) Naval Hospital, CLNC. Maintenance Division collects refuse/garbage, and hauls it to the base dump, using their own vehicles, and reimburses MCB, Camp Lejeune for dumping privilege. Refuse/garbage collection from Public Quarters (Married Officers Quarters) are provided for by MCB contract (i.e., Same civilian contractor as for Capehart and Paradise Point).

j. Insect Vector

(1) MCB, Camp Lejeune. Base Maintenance Department has an Insect Vector Section which in addition to other duties: sprays Public Quarters at

MCB, Camp Lejeune and the Naval Hospital, CLNC; provides and operates fogging machine for both installations; and provides mosquito control for both areas. The Insect Vector Section has personnel who are certified to buy and handle concentrates.

(2) Naval Hospital, CLNC. Maintenance Division has no one that is certified to buy and handle concentrates. Hospital personnel are concurrently being trained for certification.

k. Backlog of Essential Maintenance

(1) MCB, Camp Lejeune (As of 30 June 1970; Tab A to Appendix 4)

Deficiency Code 1	$ 580.3
Deficiency Code 2	1,230.7
Deficiency Code 3	82.2
TOTAL	$ 1,893.2

(2) Naval Hospital, CLNC (As of 31 December 1969; Tab B to Appendix 4)

Deficiency Code 1	$ 709.1
Deficiency Code 2	24.0
Deficiency Code 3	57.9
TOTAL	$ 791.0

l. Utilities

(1) MCB, Camp Lejeune. The Utility Division of Base Maintenance Department, MCB, Camp Lejeune consists of the following branches: Steam Generation; Water Treatment; Sewage Treatment; Cold Storage and Gas Plant.

(a) The Steam Generation Branch consists of ten high pressure steam plants with a total of twenty-four boilers. The ten plants are manned twenty-four hours a day, seven days a week. Steam Generation Branch personnel are responsible for maintenance and upkeep and efficient operation of the high pressure boilers, also maintenance and operation of all school and small heating boilers. Total number of boilers responsible for is seventy-five.

(b) The Water Treatment Branch consists of seven complete water treatment plants and seven water systems, located throughout the MCB, Camp Lejeune Complex. Water treated per day totals approximately 10,000,000 gallons. The water treatment plant personnel are also responsible for the maintenance and operation of seventy-eight deep wells and four swimming pools. All plants and pools are manned 24-hours per day, or are checked by a roving patrol during each eight-hour shift, with the exception of S-2632 which is only used during the summer months.

(c) The Sewage Treatment Branch consists of seven complete sewage treatment plants, both primary and secondary treatment. These plants are located throughout the MCB, Camp Lejeune Complex with total sewage per day, approximately 8,000,000 gallons. The sewage plant personnel are also responsible for the maintenance and operation of forty-three sewage lift stations. All plants and lift stations are manned twenty-four hours per day or are checked by a roving patrol each eight-hour shift.

(d) The Cold Storage Branch operating personnel have a primary function of operating equipment such as compressors of the freon/ammonia type, also reading and recording temperatures in the refrigeration rooms. A secondary frunction is the production of ice that is consumed throughout MCB, Camp Lejeune. The major and minor repairs to equipment are performed by the plant personnel. The plant operates on a twenty-four hour, seven-day a week basis.

(e) The Utilities Division of Base Maintenance Department maintains a work force within each section to perform mechanical repairs and preventive maintenance.

1. The work consists chiefly of repairs to boilers; pulverizers; coal scales; conveyors; compressors; controls; forced/induced draft fans; pumps of all types, including feed water, oil, chemical, air,

sewage lift stations, deep well and water distribution pumps and all boiler appurtenances, fuel oil heaters, soot blowers, burners, valves and plant piping systems; as applicable to each branch.

2. Support services are received from the Maintenance and Repair Division. Nature of these services includes rebuilding boiler furnaces; building scaffolds for high work; building maintenance; fabricating replacement parts; balancing fans; replacing babbitt bearings; rewinding electric motors and replacing bearings in electric motors.

(2) Naval Hospital, CLNC. The Naval Hospital, CLNC receives utilities (electric power, steam, water, sewage and liquified petroleum gas) from MCB, Camp Lejeune on a reimbursable basis. The Naval Hospital, CLNC has three 500 horsepower steam boilers and three alternating current generators to provide steam for the entire activity and electricity for critical areas, in case of an emergency.

5. CONCLUSIONS. (Awaiting receipt/review of the detailed analysis of the subject consolidation, which is being conducted by the Atlantic Division, Naval Facilities Engineering Command; References (d) through (g)).

6. RECOMMENDATIONS. (Same as paragraph 5).

E. H. Jones

E. H. JONES
Colonel, USMC
Base Maintenance Officer

APPENDIXES

1. Personnel
2. Functions
3. Facilities
4. Reports

PERSONNEL

This APPENDIX gives the Table of Organization of the Maintenance Department of MCB, Camp Lejeune and the Maintenance Division, Public Works Department, Naval Hospital, CLNC; with an organizational chart of each.

TABS

A. Table of Organization for Base Maintenance Department, Marine Corps Base, Camp Lejeune, North Carolina.

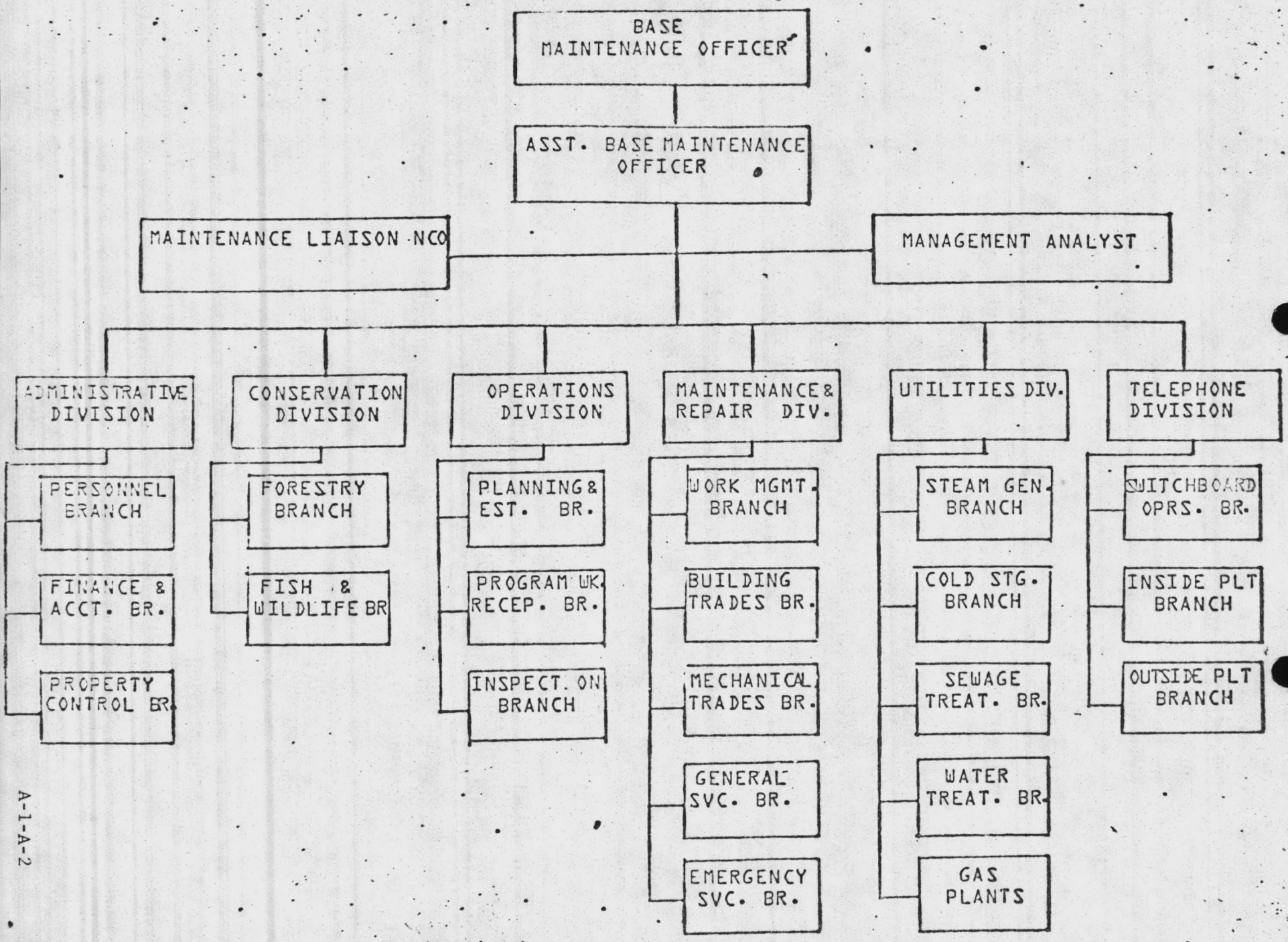
B. Table of Organization for Maintenance Division, Public Works Department, Naval Hospital, Camp Lejeune, North Carolina.

APPENDIX 1 to
ANNEX A

TABLE OF ORGANIZATION (Base Maintenance Department, MCB, Camp Lejeune)

This TAB contains the present organization of the Base Maintenance Department, Marine Corps Base, Camp Lejeune, North Carolina, with organizational chart.

TAB A to
APPENDIX 1 to
ANNEX A


BASE MAINTENANCE OFFICER
ASST. BASE MAINTENANCE OFFICER
MAINTENANCE LIAISON NCO
MANAGEMENT ANALYST
ADMINISTRATIVE DIVISION
PERSONNEL BRANCH
FINANCE & ACCT. BR.
PROPERTY CONTROL BR.
CONSERVATION DIVISION
FORESTRY BRANCH
FISH & WILDLIFE BR
OPERATIONS DIVISION
PLANNING & EST. BR.
PROGRAM WK. RECEP. BR.
INSPECT. ON BRANCH
MAINTENANCE & REPAIR DIV.
WORK MGMT. BRANCH
BUILDING TRADES BR.
MECHANICAL TRADES BR.
GENERAL SVC. BR.
EMERGENCY SVC. BR.
UTILITIES DIV.
STEAM GEN. BRANCH
COLD STG. BRANCH
SEWAGE TREAT. BR.
WATER TREAT. BR.
GAS PLANTS
TELEPHONE DIVISION
SWITCHBOARD OPRS. BR.
INSIDE PLT BRANCH
OUTSIDE PLT BRANCH

USMC T/O NO. 7512 Base Maintenance Department

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FMF AUG OFF NAV	FMF AUG OFF MC	FMF AUG ENL NAV	FMF AUG ENL MC
530	BASE MAINTENANCE DEPARTMENT												
531	MAINTENANCE OFFICER CH	COL	9906		HV		1		P				
532	ASST MAINTENANCE OFF	GS13	0301			1							
533	MANAGEMENT ANALYST	GS11	0343			1							
534	SECRETARY (STENO)	GS 5	0318			1							
535	MAINT NCO	MSGT	8911		V			1	P				
536	UTIL CHIEF CONSERVATION	MSGT	1169		V			1	P				
537						3	1	2					
537A	CONSERVATION DIVISION												
537B	DIRECTOR	GS12	0460			1							
537C	FORESTRY BRANCH												
537D	FORESTER (ADMIN)	GS11	0460			1							
537E	FORESTRY TECH (TIMBER MGT)	GS 7	0462			1							
537F	FORESTRY TECH (TIMBER MGT)	GS 5	0462			1							
537G	FORESTRY AID	GS 4	0462			1							
537H	LOOKOUT	GS 3	0456			3							
537I	FISH AND WILDLIFE BRANCH												
537J	BIOLOGICAL TECH (WILDLIFE)	GS 9	0404			1							
537K						9							
538	ADMINISTRATIVE DIVISION												
539	DIRECTOR	GS11	0341			1							
540	PERSONNEL BRANCH												
541	LABORER/CLEANER	NS	0000			1							
542	PERSONNEL CLERK	GS 5	0203			1							
543	CLERK TYPIST	GS 3	0322			1							
544	TRUCK DRIVER	NS	0000			1							
545	FINANCE & ACCTNG BRANCH												
546	SUPERVISORY BUDGET ANALYST	GS 9	0560			1							
547	ACCOUNTS MAINT CLERK	GS 5	0520			1							
547A	UTILITIES APPRAISAL ASST	GS 7	0301			1							
548	CASH CLERK (TYPING)	GS 4	0530			1							
549													
550	PROPERTY CONTROL BR												
551	SUPVY SUPPLY TECHNICIAN	GS 7	2005			1							
552													
553	CLERK TYPIST	GS 3	0322			1							
554	STOCKMAN	NS	0000			1							
555	PROPERTY RECORD CLERK	GS 4	0301			1							
556						13							
557	OPERATIONS DIVISION												
558	DIRECTOR	GS 13	0805			1							
559	ASST DIRECTOR	CAPT	1302		V		1		P				
559A	SECRETARY (TYP)	GS 4	0318			1							
560	PLANNING & ESTIMATING BR												
561	SUPVY PLANNER & ESTIMATOR	S	0000			1							
562	PLANNER & ESTIMATOR PW SYS	NS	0000			5							
563	PLANNER & EST PW MECH SYS	NS	0000			1							
564	PLANNER & EST PW ELEC SYS	NS	0000			2							

TABLE OF ORGANIZATION

USMC T/O NO.

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FAP ACC OFF NAV	FAP ACC OFF MC	FAP ACC ENL NAV	FAP ACC ENL C
565	PROGRAMMING & WORK RECEP BR												
566	SUPVY MAINT ASST	GS 9	0301			1							
567													
568	CLERK-TYPIST	GS 3	0322			1							
569	CLERK (TYPING)	GS 3	0301			1							
570	PLUMB & WATER SUP DNCO	SGT	1121		V			2	M				
571	ELECTRICIAN DNCO	CPL	1141		V			2	M				
572	INSPECTION BRANCH												
573	SUPVY MAINT ENGINEER	GS11	0805			1							
574	INSPECTOR PWS	NS	0000			3							
575	INSPECTOR PW MECH SYS	NS	0000			1							
576	INSPECTOR PW ELECT SYS	NS	0000			1							
577						20	1	4					
578	UTILITIES DIVISION												
579	DIRECTOR	NS	0000			1							
580	GENFOREMAN II PW PLT CONTMN	S	0000			1							
581	PHYS SCIENCE TECH CHEM	GS 7	1311			1							
582	CLERK TYPIST	GS 4	0322			1							
583						4							
584	STEAM GENERATION BRANCH												
585	GENFOREMAN I PW PLT CONTMN	S	0000			1							
586	FOREMAN (LDGMN) PW PLT CONT	S	0000			2							
587	LEADER BOILERMAKER	S	0000			1							
588	LEADER PW PLT CONTMN	S	0000			4							
589	POWER PLANT CONTROLMAN	NS	0000			48							
590	BOILER TENDER	NS	0000			10							
591	BOILERMAKER	NS	0000			4							
592	COAL HANDLING EQUIP OPR	NS	0000			1							
593	HELPER (GENERAL)	NS	0000			6							
594	OILER	NS	0000			1							
595	LABORER	NS	0000			1							
596						79							
597	COLD STORAGE BRANCH												
598	FOREMAN (LDGMN) REFRIG MECH	S	0000			1							
599	REFRIG-A/C PLANT OPR	NS	0000			6							
600	REFRIG MECH	NS	0000			1							
601						8							
602	SEWAGE TREATMENT BRANCH												
603	GENFOREMAN I SEWAGE DISP	S	0000			1							
604	PLT OPER												
605	FOREMAN (LDGMN) SEWAGE DISP	S	0000			1							
606	PLT OPER												
607	SEWAGE DISPOSAL PLT OPR	NS	0000			15							
608	HLPR, SEWAGE DISP PLT OPR	NS	0000			8							
609	PUMPING EQUIPMENT MECH	NS	0000			1							
609A	WELDER	NS	0000			1							

TABLE OF ORGANIZATION

USMC T/O NO.

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FMF AUG OFF NAV	FMF AUG OFF MC	FMF AUG ENL NAV	FMF AUG ENL MC
610						31							
611	WATER TREATMENT BRANCH												
612	GENFOREMAN I WATER PLT OPR	S	0000			1							
613	FOREMAN {LDGMN} WATER PLT	S	0000			1							
614	OPERATOR												
615	WATER PLANT OPERATOR	NS	0000			25							
616	PUMPING EQUIP MECH	NS	0000			1							
617	HELPER WATER PLANT OPERATOR	NS	0000			6							
618						34							
619	TELEPHONE DIVISION												
620	TELEPHONE OFFICER	CAPT	2810		V		1		P				
621	WIRE CHIEF	MGYS	2891		V			1	P				
622	PLANT RECORDS CLERK	SGT	2814		V			1	M				
623	CONSTRUCTION DRFTSMN	CPL	1411		V			1	M				
624	DI..CLK/COLD TYPE COMP MACH	GS 4	0324			1							
625	OPERATOR												
626	SWITCHBOARD OPR BRANCH												
627	TELEPHONE SUPVR {TYPING}	GS 6	0382			1							
628	TELEP..ONE SUPVR	GS 4	0382			2							
629	TELEPHONE OPERATOR	GS 3	0382			15							
630	INSIDE PLANT BRANCH												
631	INSIDE PLANT CHIEF	MSGT	2814		V			1	P				
632	CENTRAL OFF INSTAL-RPRMN	GSGT	2814		V			1	P				
633	CENTRAL OFF INSTAL-RPRMN	SSGT	2814		V			2	P				
634	CENTRAL OFF INSTAL-RPRMN	SGT	2814		V			2	M				
635	CENTRAL OFF INSTAL-RPRMN	CPL	2814		V			3	M				
636	CENTRAL OFF REPAIRMAN	NS	0000			5							
637	OUTSIDE PLANT BRANCH												
638	OUTSIDE PLANT CHIEF	MSGT	2813		V			1	P				
639	FOREMAN {LDGMN} CABLE	S	0000			1							
640	SPLICER {COMM}												
641	TELEPHONE INST REP	NS	0000			1							
642	INSTALLATION/REPAIR SECTION												
643	INSTALLER CHIEF	GSGT	2811		V			1	P				
644	TELEPHONE INSTALLER RPRMN	SSGT	2811		V			1	P				
645	TELEPHONE INSTALLER RPRMN	SGT	2811		V			2	[illegible]				
646	TELEPHONE INSTALLER RPRMN	CPL	2811		V			4	M				
647	TELEPHONE INSTALLER RPRMN	LCPL	2811		V			3	M				
648	ELECTRICIAN TELEPHONE	NS	0000			3							
649	CABLE SECTION												
650	CABLE CHIEF	GSGT	2813		V			1	[illegible]				
[illegible]	CABLE SYSTEMS TECHNICIAN	SSGT	2813		V			1	P				
652	CABLE SYSTEMS TECHNICIAN	CPL	2813		V			[illegible]	[illegible]				
653	CABLE SYSTEMS TECHNICIAN	LCPL	2813		V			[illegible]	[illegible]				
654	CABLE SPLICER COMMUN	NS	0000			3							
655	CONSTRUCTION SECTION												
656	CONSTRUCTION CHIEF	GSGT	[illegible]		V			[illegible]					
657	CONSTRUCTION TEAM CHIEF	SGT	2511		V			1	[illegible]				

USMC T/O NO.

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FMF AUG OFF NAV	FMF AUG OFF MC	FMF AUG ENL NAV	FMF AUG ENL MC
658	TELEPHONE LINEMAN	CPL	2511		V			2	M				
659	TELEPHONE LINEMAN	LCPL	2511		V			2	M				
660	TELEPHONE LINEMAN	PFC	2511		V			2	M				
661	ELECTRICIAN LINEMAN COMM	NS	0000			1							
662	FIRE ALARM MAINT SECTION												
663	FIRE ALARM MAINT CHIEF	SGT	2814		V			1	M				
664	ELECTRICIAN	NS	0000			1							
665						34	1	37					
666	MAINTENANCE & REPAIR DIVISION												
667	DIR, SUPT II, PW	S	0000			1							
668	ASST TO DIRECTOR	CAPT	1302		V		1		P				
669	SECRETARY STENO	GS 4	0318			1							
670	GEN FOREMAN II MAINTENANCE	S	0000			1							
671	GEN FOREMAN II MAINTENANCE	S	0000			1							
672	GEN FOREMAN II GROUND STRUCTS		0000			1							
673													
674	CLERK-TYPIST	GS 3	0322			1							
675	WORK MANAGEMENT BRANCH												
676	SENIOR SHOP PLANNER PW	S	0000			1							
677	MAINTENANCE SCHEDULER	NS	0000			2							
678	SHOP PLANNER	NS	0000			3							
679	CLERK TYPIST	GS 3	0322			1							
680						13	1						
681	EMERGENCY/SERVICE BRANCH												
682	GEN FOREMAN I MAINTENANCE	S	0000										
683	CLERK-TYPIST	GS 3	0322			1							
684	FOREMAN {LDGMN} MAINT	S	0000			6							
685	LEADER MAINTENANCE	S	0000			6							
686	ELECTRICIAN	NS	0000			16							
687	GAS HEATING EQUIP MECH	NS	0000			5							
688	HEATING EQUIP MECH	NS	0000			2							
689	PIPEFITTER	NS	0000			7							
690	PLUMBER	NS	0000			13							
691	CARPENTER	NS	0000			12							
692	MAINTENANCEMAN	NS	0000			25							
693	TRUCK DRIVER	NS	0000			1							
694													
695													
696	REFRIG & AIR COND MECHANIC	NS	0000			5							
697													
698													
698A	WELDER	NS	0000			1							
699						101							
700	CARPENTER SHOP UNIT												
701	GENFOREMAN I CARPENTER	S	0000			1							
702	FOREMAN {LDGMN} CARPENTER	S	0000			1							
703	LOCKSMITH	NS	0000			1							

USMC T/O NO.

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FMF AUG OFF NAV	FMF AUG OFF MC	FMF AUG ENL NAV	FMF AUG ENL MC
704	SAW FILER	NS	0000			1							
705	MILLMAN	NS	0000			1							
706	HELPER GENERAL	NS	0000			1							
707	LABORER	NS	0000			1							
708	CARPENTER	NS	0000			6							
709	HELPER/APPREN CARPENTER	NS	0000			2							
710	CARPENTER FIELD UNIT												
711	FOREMAN {LDGMN} CARPENTER	S	0000			3							
712	CARPENTER	NS	0000			35							
713	TRUCK DRIVER	NS	0000			3							
714	HLPR/APPREN CARPENTER	NS	0000			1							
715						57							
723	PAINT SECTION												
724	GEN FOREMAN I PAINTER	S	0000			1							
725	FOREMAN {LDGMN} PAINTER	S	0000			4							
726	LETTERER & GRAINER	NS	0000			2							
727	GLAZIER	NS	0000			2							
728	PAINTER	NS	0000			54							
729	TRUCK DRIVER	NS	0000			1							
730	HELPER/APPRENTICE PAINTER	NS	0000			2							
731						66							
732	PLASTERER UNIT												
733	FOREMAN {LDGMN} PLASTERER	S	0000			1							
734	PLASTERER	NS	0000			9							
735	TRUCK DRIVER	NS	0000			1							
736	HELPER/APPRENTICE PLASTERER	NS	0000			1							
737	MASONRY UNIT												
738	FOREMAN {LDGMN} MASON BorS	S	0000			1							
739	MASON B OR S	NS	0000			6							
740	CEMENT FINISHER	NS	0000			1							
741													
742	HLPR/APPREN MASON B OR S	NS	0000			1							
743						21							
744	ELECTRIC SECTION												
745	GEN FOREMAN I ELECTRICIAN	S	0000			1							
746	INSIDE ELECTRIC UNIT												
747	FOREMAN {LDGMN} ELECTRICIAN	S	0000			1							
748	ELECTRICIAN	NS	0000			16							
749	INSTRUMENT MECH {GENERAL}	NS	0000			1							
750	GALLEY EQUIP MECH	NS	0000			1							
751	HLPR/APPREN ELECTRICIAN	NS	0000			1							
752	ARMATURE WINDER	NS	0000			3							
753	ELECTRICAL EQUIP RPRMN	NS	0000			1							
754						25							
755	ELECTRICAL DIST UNIT												
756	FOREMAN {LDGMN} ELECT LNMN	S	0000			1							
757	ELECTRICIAN LINEMAN	NS	0000			7							

USMC T/O NO.

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FMF AUTH OFF NAV	FMF AUTH OFF MC	FMF AUTH ENL NAV	FMF AUTH ENL MC
758	ELECTRONICS MECHANIC	NS	0000			1							
759	HLPR/APPREN ELEC LNMN	NS	0000			1							
760						10							
761	REFRIGERATION UNIT												
762	FRMN{LDGMN} REF & A/C MECH	S	0000			1							
763	REFRIG & A/C MECH	NS	0000			12							
764	HLPR/APPREN REF & A/C MECH	NS	0000			1							
765						14							
766	PLUMBING & HEATING SEC												
767	GEN FOREMAN PIPEFITTER I	S	0000			1							
768	PIPEFITTING UNIT												
769	FOREMAN {LDGMN} PIPEFITTER	S	0000			2							
770	PIPEFITTER	NS	0000			22							
771	INSTRUMENT MECH {GENERAL}	NS	0000			2							
772	WELDER	NS	0000			1							
773	PIPECOVERER & INSULATOR	NS	0000			3							
774	GAS HEATING EQUIP MECH	NS	0000			2							
775	HLPR/APPREN PIPEFITTER	NS	0000			2							
776	LABORER	NS	0000			2							
777	PLUMBING UNIT												
778	FOREMAN {LDGMN} PLUMBER	S	0000			2							
779	PLUMBER	NS	0000			18							
780	TRUCK DRIVER	NS	0000			1							
781	HLPR/APPREN PLUMBER	NS	0000			2							
782	LABORER {HEAVY}	NS	0000			3							
783						65							
784	METALWORKING SECTION												
785	GEN FRMN I METALWKING SHOPS	S	0000			1							
786	FRMN {LDGMN} SHEETMETAL WKR	S	0000			1							
787	MACHINIST	NS	0000			4							
788	WELDER	NS	0000			5							
789	SHEETMETAL WORKER	NS	0000			9							
790	HLPR/APPREN SHEETMTL WKR	NS	0000			1							
791	HLPR/APPREN HTG EQUIP MECH	NS	0000			2							
792	LABORER	NS	0000			1							
793						24							
794	ROADS & GROUNDS SECTION												
795	GEN FRMN I GRND STRUCTURES	S	0000			1							
796	FIELD MAINTENANCE UNIT												
797	FRMN{LDGMN} GRND STRUCTURES	S	0000			5							
798	FRMN {LDGMN} LABORER	S	0000			1							
799	TOOLROOM ATTENDANT	NS	0000			1							
800	SMALL ENGINE MECH	NS	0000			1							
801	PAVER	NS	0000			1							
802	ASPHALT/CEMENT WORKER	NS	0000			3							
803	TRUCK DRIVER {HEAVY}	NS	0000			12							
804	TRUCK DRIVER	NS	0000			3							

USMC T/O NO.

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FMF AUG OFF NAV	FMF AUG OFF MC	FMF AUG ENL NAV	FMF AUG ENL MC
805	LABORER	NS	0000			45							
806	FIELD TRACTOR OPERATOR	NS	0000			3							
807	POLICE NCO ASST	CPL											2
808						77							2
816	SANITATION UNIT												
817	FOREMAN {LDGMN} SANITATION	S	0000			1							
818	AUTO EQUIP OPR	NS	0000			1							
819	TRUCK DRIVER {HEAVY TRLR}	NS	0000			6							
820	TRUCK DRIVER {HEAVY}	NS	0000			8							
821	LABORER	NS	0000			6							
822	MOTOR SCOOTER OPERATOR	NS	0000			1							
823	LABORER {HEAVY}	NS	0000			4							
824						27							
825	INSECT VECTOR SECTION												
826	GEN FOREMAN I PESTCTLEQ OPR	S	0000			1							
827	FRMN {LDGMN} PEST CTL EQ	S	0000			1							
828	OPERATOR												
829	LEADER LABORER {HEAVY}	NS	0000			1							
830	CLERK	GS 3	0301			1							
831	PEST CONTROL EQUIP OPR	NS	0000			4							
832	EXTERMINATOR	NS	0000			5							
833	TOOLROOM MECHANIC	NS	0000			1							
834	HELPER {GENERAL}	NS	0000			2							
835	LABORER {HEAVY}	NS	0000			9							
836						25							
837	HEAVY EQUIP SECTION												
838	GEN FORMN I TRANSPORTATION	S	0000			1							
839	FRMN {LDGMN} HEAVY DTY EQMECS		0000			1							
840	EST HVY DUTY EQUIP RPRMAN	NS	0000			1							
841	INSPECT HVY DUTY EQUIP REP	NS	0000			1							
842	MOBILE EQUIP DISPATCHER	NS	0000			1							
843	BRIDGE OPERATOR	NS	0000			4							
844	HVY DUTY EQUIP SERVICEMAN	NS	0000			2							
845	AUTO MECHANIC	NS	0000			3							
846	OPERATING ENGR {HST EQUIP}	NS	0000			4							
847	HEAVY DUTY EQUIP MECH	NS	0000			5							
848	AUTO EQUIP OPERATOR	NS	0000			8							
849	WELDER	NS	0000			1							
850	TRUCK DRIVER {HVY TRLR}	NS	0000			1							
851	TRUCK DRIVER {HEAVY}	NS	0000			1							
852	AUTO EQUIPMENT SERVICEMAN	NS	0000			[illegible]							
853	LABORER	NS	0000			1							
854						36							
855	NURSERY AND LANDSCAPING												
856	LANDSCAPE ARCHITECT	GS11	[illegible]			1							
857	FRMN {LDGMN} GROUNDS	S	0000			1							

TABLE OF ORGANIZATION

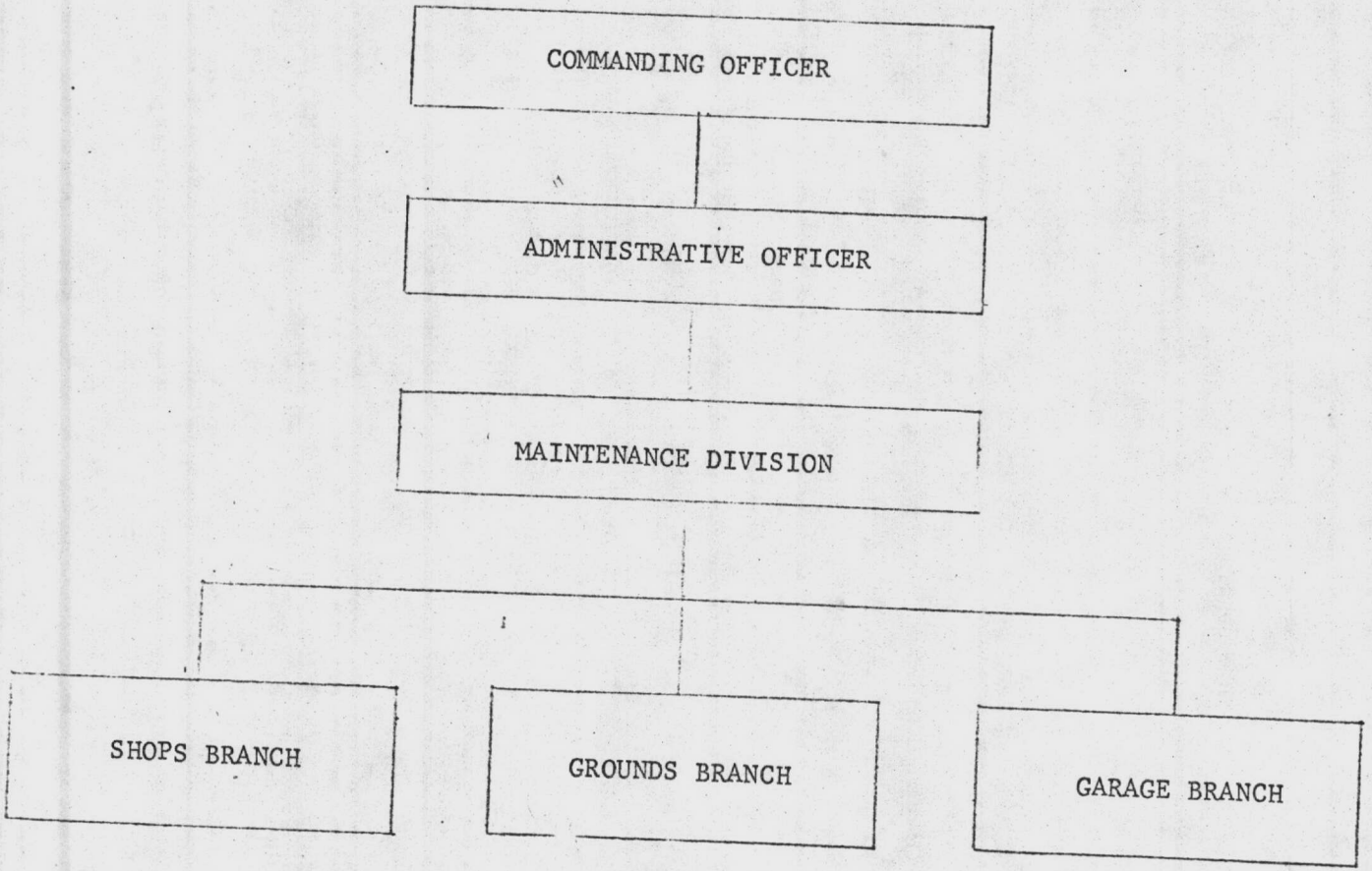
USMC T/O NO.

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FMF AUG OFF NAV	FMF AUG OFF MC	FMF AUG ENL NAV	FMF AUG ENL MC
858	GARDENER	NS	0000			2							
859	FIELD TRACTOR OPR	NS	0000			1							
860	LABORER	NS	0000			6							
861	TRUCK DRIVER (HEAVY)	NS	0000			2							
862	TRUCK DRIVER	NS	0000			1							
863	TREE TRIMMER	NS	0000			2							
864						16							
						810	4	43					2
	DEPARTMENT					3							
	ADMINISTRATIVE DIVISION					13							
	CONSERVATION DIVISION					9							
	OPERATIONS DIVISION					20							
	UTILITIES DIVISION					156							
	TELEPHONE DIVISION					3[illegible]							
	M & R DIVISION					575							
						810							

TABLE OF ORGANIZATION (Maintenance Division, Public Works Department, Naval Hospital, CLNC)

This TAB contains the present organization of the Maintenance Division, Public Works Department, Naval Hospital, Camp Lejeune, North Carolina, with organizational chart.

TAB B to
APPENDIX 1 to
ANNEX A



Date: 12/31/63 U.S. NAVAL HOSPITAL
CAMP LEJEUNE, N.C.

Approved: F.T. Morris
F.T. MORRIS, CAPTAIN MC USN
Commanding Officer

Chart No. 19

USMC T/O NO.

MAINTENANCE DIVISION, U. S. NAVAL HOSPITAL

LINE	BILLET DESCRIPTION	RANK	MOS	NOTE	PAP	AUTHORIZED NA/CIV	AUTHORIZED AG/OFF	AUTHORIZED ENL	WPN	FMF AUG OFF NAV	FMF AUG OFF MC	FMF AUG ENL NAV	FMF AUG ENL MC
	MAINTENANCE DIVISION												
	CHIEF, MAINTENANCE DIV	LT					1						
	MAINTENANCE CHIEF	HMC						1					
	PLANNER & ESTIMATOR					1							
	CLERK TYPIST	GS 3				1							
	ASSISTANT TO MAINTENANCE CHIEF	HN						1					
	SHOPS BFANCH												
	FOREMAN MAINTENANCE					1							
	LEADER CARPENTER					1							
	CARPENTER					2							
	HELPER CARPENTER					2							
	LEADER PAINTER					1							
	PAINTER					5							
	HELPER PAINTER					2							
	LEADER PLUMBER					1							
	PLUMBER					4							
	HELPER PLUMBER					1							
	LEADER ELECTRICIAN					1							
	ELECTRICIAN					2							
	REFRIGERATION & A/C MECH					2							
	LABORER					1							
	GROUNDS BRANCH												
	LEADER GARDENER					1							
	LEADER LABORER					1							
	LABORER					2							
	TRUCK DRIVER					2							
	GARAGE BRANCH												
	AUTOMOTIVE MECHANIC					1							
	CHAUFFEUR					2							
	SUPERVISOR	HM 2						1					
	AMBULANCE ATTENDANTS	HM 2						3					
						37	1	6					

FUNCTIONS

This APPENDIX describes the functions of the Base Maintenance Department, MCB, Camp Lejeune, North Carolina.

APPENDIX 2 to
ANNEX A

BASE MAINTENANCE DEPARTMENT FUNCTIONS AND RESPONSIBILITIES

BASE MAINTENANCE OFFICER

The Maintenance Officer is responsible to the Commanding General for maintenance management in accordance with Facilities Maintenance Manual MCO P11000.4A, Marine Corps Supply Manual, Volume V, MCO P4400.22, current Marine Corps directives and current Base Orders and established policies.

In order to accomplish the mission, Base Maintenance is organized into six Divisions and Special Staff, with functions as follows:

SPECIAL STAFF

Management Analyst

Provides staff assistance to the Maintenance Officer and his Division Directors in the administration and management of the Base Maintenance Department through the conduct of analytic studies, analysis of maintenance management reports and recommended remedial action based thereon, and by carrying out continuing management programs or special projects for the Department as assigned.

Maintenance NCO

Liaison between military and civilian work force in areas of maintenance and area police. Maintenance representative on inspections and conferences.

ADMINISTRATIVE DIVISION

Advise and furnish assistance to management and all levels of supervision on matters involving civilian employees such as disciplinary actions, appeals, grievances, complaints, attendance, leave, security clearances, incentive awards, hours of work, contributions, collections, employment and classification. Maintenance of authorized personnel records and records pertaining to position and job descriptions, incentive awards, personnel actions, timekeeping, security clearances, travel orders, fund drives and disciplinary action. Provide messenger service. Maintenance of records of Class III & IV plant property and minor property items on charge to this Department, coordinate and expedite supply support, review procedures and recommend improvements.

Preparation of annual budget which includes personnel budgets and complete outline of planned application of funds, collect, analyze and disseminate costs and performance data from current operations, prepare management reports, prepare feeder information for operating reports, maintain required fiscal records, job order accounting and assignment, prepare information for billings for services and utilities rendered on a reimbursable basis, bill and collect telephone accounts.

CONSERVATION DIVISION

Responsible for the overall improvement, restoration and preservation of the natural resources of the Base, to the maximum extent possible, in the public and military interest; and coordinates all programs of conservation of natural resources to ensure consideration, development, supervision, and/or accomplishment within the parameters and criteria of current conservation practices, trends, concepts and instructions, consistent with the military mission of the Base.

a. Forestry Branch. Implement and carry out the Base Forestry Management Plan which involves preparation and supervision of timber harvest contracts; reforestation by planting or natural reproduction; timber stand improvement; prescribed burning and fire prevention and suppression.

b. Fish & Wildlife Branch. Conservation and wildlife management, to include propagation, preservation and manipulation, predator control, food plot preparation, and enforcement of all state, federal and base laws and/or regulations pertaining to recreational boating, hunting and fishing aboard the Base.

OPERATIONS DIVISION

Administers the controlled maintenance program for this Department. This includes:

a. Planning a maintenance program.

b. Screening and classifying all work requests prior to submission to Maintenance & Repair Division for accomplishment.

c. Continuous inspection of buildings, structures, utilities, roads and grounds to determine the need for maintenance and repair. Preparation of the Type A Annual Inspection Summary for submission to Headquarters Marine Corps.

d. Preparation of manpower and material estimates for job orders.

e. Determination of the need for engineering advice and assistance.

f. Initiation of work requests to the Public Works Officer to perform work by contract. Represents Base Maintenance at final inspection of work done by contract.

g. Responsible for recommendation and justification for special maintenance, alteration and repair projects when the need for such projects is indicated by recurring or costly maintenance experience.

h. Receives inspection reports on quarters from Director, Quarters and Housing and processes work authorizations for accomplishment of work.

TELEPHONE DIVISION

Maintenance and operation of the Base Telephone System. This encompasses the day to day operation and maintenance and includes:

a. Control of official and unofficial telephone service rendered through the system by investigating and taking appropriate action on all requests for new service and requests for removal, relocation and rearrangement of existing service.

b. Operation and control of the Base switchboard, including supervision of telephone operators.

c. Establishment and supervision of a continuous comprehensive maintenance program by scheduling the necessary inspections, testing and preventive maintenance work necessary for the accomplishing of detection and correction of deficiencies and to ensure that the system continues to give adequate service throughout the life of the equipment.

d. Maintains a list of public pay stations by number and location. This list is used to audit the collection and commission statement submitted by the Carolina Telephone and Telegraph Company. Coordinate all pay station service on the Base and maintenance of cable pairs and station lines used to service these pay stations.

e. Responsible for requesting the Public Works Officer to assist in planning for the necessary expansion and updating of equipment to ensure that the system will provide sufficient telephone service to conduct official Government business.

f. Maintenance of the Base Fire Alarm System.

g. Maintenance of the switchboard lines and station equipment of the Base Range Facilities Telephone System.

h. Maintenance of the switchboards, cables and open wire lines of the First Infantry Training Regiment Telephone System.

i. The training of telephone technicians in their military specialties by on the job training.

j. Maintenance of the Naval Hospital Telephone System on a reimbursable basis.

k. Preparation and publication of the Base Telephone Directory.

UTILITIES DIVISION

Operations, maintenance and repair to the utilities plants throughout the Base. The major plants are:

a. Steam Generation. Ten central heating plants of both coal and oil types, requiring continuous watch, containing 24 boilers ranging in size from 125 HP to 3000 HP, also, 43 small individual heating plants that are automatic, but are checked daily. Perform inspections and schedules replacement programs.

b. Water Plants. Six water treatment plants and eight water treatment facilities, including 73 wells. All treatment plants require full or part time watch and those not requiring full time watch are checked by roving patrol. All wells are checked on each shift. Perform inspections and schedules replacement program.

c. Sewage Treatment. Seven treatment plants with 24 lift stations. All plants require full or part time watch and those not requiring full time watch are checked by roving patrol. All lift stations are checked on each shift. Performs inspections and schedules replacement program.

d. Cold Storage Plant. Operation of the equipment required for refrigeration of the building (22 rooms) and manufacture of ice. The plant has eight compressors, with two systems, (1) direct expansion and (2) brine circulation. Requires full time watch. Perform inspections and schedules replacement program.

MAINTENANCE & REPAIR DIVISION

Maintenance and repair of buildings, structures, roads, grounds, distribution systems, furniture, heating systems, galley and mess hall equipment, air conditioners, refrigerators, performs services such as insect control, garbage collection and disposal, performs horticultural management and work related to new work, alterations, modification and improvement as assigned. To accomplish these tasks, the division is divided into five branches, with duties as follows:

a. Work Management Branch. Receives and schedules minor and specific work authorizations. Orders materials for minor and specific jobs. Maintains a weekly schedule for accomplishment of work by work centers. Issues work center schedules by the week for completion by the shops. Coordinates starting dates of work with customers, paying special attention to housing in order to hold vacancy rates down.

b. Building Trades Branch. Responsible for Carpenter Shop, Plaster Shop, Masonry Shop and Paint Shop. Perform woodworking and associated hardware maintenance and repair, floor covering installation, roofing, millwork, cabinet work, saw filing and tool sharpening, key duplication, lock repair, safe combination changes and repairs, maintenance of shop equipment, venetian blind fabrication, repair and installation, plaster work; masonry work including concrete, brick, tile and stone; painting, glazing, fabrication and repair of signs, sign painting, marking of parking lots and roads.

c. Mechanical Trades Branch. Responsible for Electric Shop, Electrical Distribution Shop, Refrigeration and Air Conditioning Shop, Plumbing and Pipe Shop and Metalworking Shop. These shops perform maintenance and repair of electrical systems from the point of distribution, electrical fixtures, appliances and labor saving devices, television antenna systems, floodlight and streetlight systems, sub stations and electrical switch gear, transformers, poles, pole lines and associated hardware; refrigeration and air conditioning equipment, water cooling equipment, ice making and related equipment (except for central cold storage); maintenance and repair of plumbing, water and sanitary sewage systems and associated hardware including distribution systems and related utilities plants systems, wells and pumping stations; fire protection lines and devices; washing and cleaning systems and devices; collection and disposal of grease traps; cleaning septic tanks; maintenance and repair of steam heating, cooking, cleaning and distribution systems and associated hardware including plant systems and systems to the point of end use; metal products and associated equipment, machining, welding, cutting, brazing, soldering, fabricating from sheetmetal; maintenance and repair of oil, coal and gas heaters and associated equipment.

d. General Services Branch. Responsible for grounds keeping, refuse and garbage collection, insect & rodent control, heavy equipment shops and nursery and landscaping. These shops perform horticultural management; maintenance and repair of roads, streets and all types of hardstand; storm sewers and ditches; maintenance of improved and unimproved lands; grass cutting, collection and disposal of refuse and garbage, street sweeping and police of assigned areas; planning, directing and coordinating the insect and rodent control program including inspection, eradication and control of termites; operation and maintenance of construction equipment and Onslow Beach bridge.

e. Emergency/Service Branch. Performs emergency/service type work at Hadnot Point, Paradise Point, Midway Park, Tarawa Terrace, Knox Trailer Park, Montford Point, Camp Geiger, Geiger Trailer Park, Rifle Range, Courthouse Bay and Force Troops.

FACILITIES

This APPENDIX contains listings of the facilities currently being used in connection with maintenance functions at MCB, Camp Lejeúne and Naval Hospital, Camp Lejeune. It also contains listings of new facilities constructed subsequent to 1966 (Post-1966).

TABS

A. Maintenance Facilities

B. New (Post-1966) Facilities

APPENDIX 3 to
ANNEX A

MAINTENANCE FACILITIES

This TAB lists the facilities being used by Marine Corps Base, Camp Lejeune and the Naval Hospital, CLNC in connection with maintenance operations.

ENCLOSURES

1. Maintenance Facilities, Marine Corps Base, Camp Lejeune.
2. Maintenance Facilities, Naval Hospital, Camp Lejeune

TAB A to
APPENDIX 3 to
ANNEX A

CLASS I AND II MAINTENANCE FACILITIES (MCB, Camp Lejeune)

BASE MAINTENANCE

Bldg No	Bldg Use	Area Sq Ft	Resp Div	Cost
42	Chemical Storage Whse	660	Util Div	1,877
45	PW/Maint Shop Heavy Equip Shop Admin Bldg Heavy Equip Shop	16,262	M&R	251,278
738	St. Cov. (whse) Admin, Note: Total	2,520 1,480 4,000	Util Div 4424 ft Tele Div 476 ft	Note: Gross sq ft does reflect mezzanin deck
765	PW/Maint Shop	600	Util Div	17,794
780	Pers SOP Fac	1,980	M&R	16.160
803	LP Gas Office	500	Contractor	5,836
804	LP Gas Bldg	676	Contractor	7,706
1022	Ad Bldg	96	M&R	280
1021	Ad Bldg	140	M&R	420
1102	PW/Maint Shop	4,940	M&R	12,549
1103	Whse, property	4,684	Admin Div	11,428.96
1104	St. Cov.	4,396	M&R 1040 sq ft	11,702
1105	PW/Maint Shop	4,396	M&R	11,487
1114	Whse	4,000	M&R	5,656
1202	PW/Maint Shop Ad Bldg/other EM Bks w/o Mess Total	41,560 6,827 340 48,727	Adm Div 2283 sqft M&R Div 43040 sqft Ops Div 3404 sqft	363,289

ENCLOSURE 1 to
TAB A to
APPENDIX 3 to
ANNEX A

Bldg No	Bldg Use	Area Sq Ft	R&P Div	Cost
1304	Whse - Carp Shop	2,240	M&R	7,112
1939	Whse (R&G)	629	M&R	2,500
D-25	Whse	208	M&R	1,042
D-40	Whse	184	M&R	1,800
M-103	PW/Maint Shop	924	M&R	3,653
M-136	Whse	500	Util	1,674
M-158	Whse	168	M&R	200
BA-150	Whse	312	M&R	1,000
BB-31	PW/Maint Shop (part of bldg)	700	M&R	4,109
CG-25	Whse	184	M&R	1,800
CG-26	Whse	184	M&R	1,800
TC-568	Whse	81	Util	340
TC-832	PW/Maint Shop	2,592	M&R	9,389
TT-41	PW/Maint Shop	2,600	M&R	1,046
TT-42	PW/Maint Shop (PA mult listing)	2,472	M&R	12,390
LCH 4000	PW/Maint Shop	6,207	M&R	28,964
LCH 4027	Whse	238	M&R	814
STT-50	Whse	1,920	M&R	2,000
STT-51	Whse	592	M&R	500
FC-301	Gen Warehouse/R.I.	6,000	M&R	46,080
RR-13	PW/Maint Shops	3,729	M&R	19,979
SBB-189	Storage	192	M&R	300
TC-834	Gen Warehouse/R.I.	2,592	M&R	6,051
1919	PW/Maint Shop	5,332	M&R	14,951
867	PW/Maint Storage	81	M&R	405

Bldg No	Bldg Use	Area Sq Ft	Resp Div	Cost
783	PW/Maint Storage	786	M&R	4,533
866	PW/Maint Storage	279	M&R	1,380
884	Elect Equipment Bldg	196	M&R	6,798
			TOTAL	$911,587.96

CLASS I AND II MAINTENANCE FACILITIES (Naval Hospital, CLNC)

Bldg. No.	Bldg. Use	Sq. Ft.	Cost
H-18	Garage (Dispatcher & Ambulances)	5,088	$46,471
H-19	Maintenance Shops (Elec. Carp. Plum. & Paint)	6,604	54,558
H-22	Maintenance Storage - Maint. & Furniture)	3,959	22,164
H-36	Auto Repair (Garage & Equip. Storage)	3,936	11,468
H-39	Maint. Office, Locker Room, Labors	2,409	35.315
	TOTALS	21,996	$169,976

ENCLOSURE 2 to
TAB A to
APPENDIX 3 to
ANNEX A

NEW (POST - 1966) FACILITIES

This TAB contains a listing of new facilities constructed at Marine Corps Base, Camp Lejeune and Naval Hospital, CLNC subsequent to 1966.

ENCLOSURES

1. New Facilities, Marine Corps Base, Camp Lejeune.
2. New Facilities, Naval Hospital, Camp Lejeune.

- TAB B to
APPENDIX 3 to
ANNEX A

NEW FACILITIES (Marine Corps Base, Camp Lejeune)

BUILDING NO.	BUILDING DESIGNATION	YEAR CONSTRUCTION
934	Applied Instruction Bldg.	1969
935	Applied Instruction Bldg.	1969
1041	Correctional Facility	1969
1731	Flam Sthse, R/I	1965
1750	CMBt Veh. Maint. Fac.	1967
1755	CMBt Veh. Maint. Fac.	1967
1757	Flam Sthse, R/I	1967
S-92	Base HQ, Sign	1966
S-162	Hand Ball Court	1967
S-163	HLCP Mockup	1968
S-164	Rope Climb	1968
S-455	Foot Bridge	1966
S-556	Observation Tower	1966
S-558	Hand Ball Court	1968
S-560	HLCP Mock Up	1968
S-877	Obs. Mound	1966
S-878	Base Entr. Sign	1966
S-885	O/vehicle Bridge	1968
S-933	Rope Climb	1968
S-1751	Wash Rack	1967
S-1756	Loading Ramp	1967
S-1758	Grease Rack	1967
S-1759	Wash Rack	1967
S-1761	Sewage Pump Station	1967
S-1762	Hist. Mark.	1968
S-1763	Aircraft mock up	1968
S-1764	Review Stand	1968
S-1850	Wash Apron	1968
S-1851	St Cov Org/oth	1968
S-1972	Stable	1966
S-1973	Stable	1966
S-1974	Stable	1966
S-1977	Rodeo Coral	1966
S-1978	Concession Stand	1967
S-1979	Patio scoreboard	1967
S-1980	Storage barn	1968
S-1981	Stable	1969
BA-152	Admin. Bldg.	1966
BB-174	ACD/Gen Inst Bldg.	1966 (T)
BB-175	ACD/Gen Inst Bldg.	1966 (T)
BB-176	ACD/Gen Instruction Bldg.	1966 (T)
BB-177	Service Station	1966
BB-189	St Cov Org/oth	1966
FC-300	Admin.	1968
FC-301	Storage	1968
FC-302	Storage	1968
FC-303	Mess Hall	1968
FC-304	Bks. w/o Mess	1968

ENCLOSURE 1 to
TAB B to
APPENDIX 3 to
ANNEX A

BUILDING NO.	BUILDING DESIGNATION	YEAR CONSTRUCTION
FC-309	Bks. w/o Mess	1968
FC-310	Bks. w/o Mess	1968
FC-311	Bks. w/o Mess	1968
FC-312	ACD/Gen Inst	1968
FC-313	Disp.	1968
PT-30	St Cov org/oth	1967
PT-33	Animal Pound	1968
RR-247	Gen Whse	1966
RR-248	Gen Whse	1966
RR-249	Admin. Bldg.	1966
RR-252	S/mains Pmp/fac	1967
RR-253	ACD/Gen Inst Bldg	1968
RR-254	Gen Whse/RI	1968
RR-255	Admin Bldg	1968
SA-31	Rope Climb	1968
SA-32	Class Room	1968
SD-43	Softball fld	1966
SM-190	Peir	1966
SM-191	Fuel tk	1966
SM-193	Filling Station	1967
SM-195	Filling Station	1967
SM-196	Class Room	1969
SM-263	Covered Patio	1967
SM-264	Wash Apron	1968
TC-309	Gen Whse/RI	1967
TT-60	Depnt Sch/grade	1967
TT-60A	Depnt Sch/grade	1967
TT-60B	Depnt Sch/grade	1967
TT-60C	Depnt Sch/grade	1967
TT-60D	Depnt Sch/grade	1967
TT-60E	Depnt Sch/grade	1967
VL-169	Gen Whse/RI	1968
VL-176	Tele Ex Bldg	1968
SBA-153	Grease Rack	1966
SBA-154	Filling Station	1966
SBA-155	Flag Pole	1966
SBA-156	Rope Climb	1966
SBA-157	Softball Fld	1966
SBA-158	Horizontal Ladder	1967
SBA-159	Observation Bank	1968
SBB-173	O/open stge/RI	1966
SBB-183	Trng bldg/other	1966
SBB-184	Bus Stop	1966
SBB-185	Bus Stop	1966
SBB-186	Bus Stop	1966
SCG-27	Softball field	1966
SES-134	Trng Saw Mill	1966 (T)
SES-136	Obs Tower	1966
SES-137	O/open stge/RI	1966
SES-138	St Cov Org/oth	1966
SFC-316	Rope Climb	1969
SFC-350	Stockade	1968
SGP- 17	Shed	1968

BUILDING NO.	BUILDING DESIGNATION	YEAR CONSTRUCTION
SPT-32	Animal Pound	1968
SPT-34	HLCP mok up	1968
SRR-91	Volley Ball Ct.	1967
SRR-243	Outdoor Class	1966
SRR-250	VC Village	1966
SRR-251	Well/rsvr pot	1967
SRR-256	Classroom/cover	1968
STC-804A	Covered walkway	1966
STC-1213	Outdoor classes	1966 (T)
STC-1214	Outdoor classes	1966 (T)
STC-1215	Outdoor classes	1966 (T)
STC-1216	Outdoor classes	1966 (T)
STC-1217	Outdoor classes	1966 (T)
STC-1218	Outdoor classes	1966 (T)
STC-1221	Rope Climb	1967
STC-1222	Rope Climb	1967
STC-1223	Trng Mock up	1967
STC-1224	HLCP Mock up	1968
STC-1225	HLCP Mock up	1968
SVL-14	Sm/Arm/PyRo MAG	1967
SVL-162	Mess Shelter	1966
SVL-163	Mess Shelter	1966
SVL-167	Classroom	1968
SVL-170	Classroom	1968
USO-2	Gen Whse/RI	1968
RNGK-209	Ambush trng course	1969
RNGK-302	Rnge battle sight	1967
RNGK-307	Quick reaction course	1967
1	Master Antenna System	1970
1	Automotive Hobby Shop	1970
1	Special Services Whse	1970

2429 Tons A/C
25,650 L.F. Fence
20,765 S.Y. Side Walk
26,374 S.Y. Paving

ADDITIONAL FACILITIES (U. S. NAVAL HOSPITAL)

BUILDING NO.	BUILDING DESIGNATION	YEAR CONSTRUCTION
H-117	Picnic Shelter	1966
H-126	Entrance Sign	1968
H-127	Public Toilet	1968
	Master TV Antenna System	1970

ENCLOSURE 2 to
TAB B to
APPENDIX 3 to
ANNEX A

REPORTS

This APPENDIX contains copies of the most current TYPE A ANNUAL INSPECTION SUMMARY (REPORT NAVFAC 11014-1) for MCB, Camp Lejeune and Naval Hospital, CLNC.

TABS

A. Type A Annual Inspection Summary as of 30 June 1970; Marine Corps Base, Camp Lejeune, North Carolina.

B. Type A Annual Inspection Summary as of 31 December 1969; Naval Hospital, Camp Lejeune, North Carolina.

APPENDIX 4 to
ANNEX A

TYPE ANNUAL INSPECTION SUMMARY - TRANSMITTAL SHEET

NAVFAC 9-11014/624 (10-67)
Supersedes NAVDOCKS 2729
S/N-0105-001-0220

REPORT CONTROL FORM-1

Instructions for completing form are contained in NAVFAC P-322

1. FROM: Marine Corps Base
Camp Lejeune, North Carolina

All facilities inspected are in satisfactory condition except those listed on Form NAVFAC 9-11014/62, having essential deficiencies which cannot be accomplished during the current fiscal year due to lack of resources.

E 28 69 BY DIRECTION

2. E.F.D.

CODE

3. ACTIVITY CODE

4. ACTIVITY
Marine Corps Base
Camp Lejeune, North Carolina 28542

A [ ] ING
B [ ] ING

8. FOR PERIOD ENDING
30 June

FISCAL YEAR 1970

5. TO
Commandant of the Marine Corps (Code COM)

6. VIA

7. COPIES TO

9. INSPECTED BY

[X] CONTINUOUS
[ ] ONE-TIME COMPREHENSIVE
[ ] ACTIVITY
[ ] E.F.D.
[ ] OTHER

10 FACILITIES NOT INSPECTED	11 REASON	12 DATE OF PREVIOUS INSPECTION	13 APPROXIMATE DATE OF NEXT INSPECTION
None			

14. FIRST ENDORSEMENT

FROM: Base Maintenance Officer

DATE: 1 DEC 1969

Comments

The undersigned confirms that the items of deficiencies reported in attached form NAVFAC 9-11014/62 are essential in accordance with the criteria contained in MCO P11000.4A, and that the deficiencies cannot be accomplished during the current fiscal year.

TAB A to
APPENDIX 4 to
ANNEX A

LEROY M. DUFFY
BY DIRECTION

TYPE A ANNUAL INSPECTION SUMMARY

NAVFAC 11010/62 (10-67)
Supersedes NAVFAC DS 2730
S/N 0105-014-0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT CONTROL SYMBOL

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE

2. ACTIVITY: Marine Corps Base, Camp Lejeune, North Carolina — [A] [X] LESS HOUSING; [B] [ ] HOUSING

3. U.I.C.

4. FOR PERIOD ENDING: 30 June — FISCAL YEAR: 1970

5. SHEET 1 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO
TRAINING FACILITIES OTHER THAN BUILDINGS Replace gasoline motor, repair third rail, repair switches, repair track and track bed and provide transformer and ballast - G-5 Range. This was considered to be minor construction by the validating officer for FY-69. Enclosure (3) to CMC letter COM-mmk dated 16 December 1969 to CG MCB CLNC advised that it is more properly fundable as repair, and should be included in the next Type "A" Annual Inspection Summary.		179		1	$ 13.8		HQMC	24 JAN 70 W A BLATTER	1
(1) MAINTENANCE - TANK AUTOMOTIVE Structural repairs, glazing and painting of windows - 1601		214		1	12.0		HQMC	26 JAN 70 W A BLATTER	2
(1) STORAGE - COVERED - INSTALLATION AND ORGANIZATIONAL Roof repair and mechanical - 914 2.0		442		1	13.0		HQMC	26 JAN 70 MECHANICAL DONE LOCALLY W A BLATTER	3
ADMINISTRATIVE FACILITIES Replace main electric service cable, switches and transformers feeding Building No. 2, mechanical repairs Building No. 2. This was considered to be minor construction by the validating officer for FY-69. Enclosure (3) to CMC letter COM-mmk dated 16 December 1969 to CG MCB CLNC advised that the mechanical portion ($11.6) is considered repair and should be funded as such and the electrical portion ($10.2 including contingency) is construction and should be accomplished with funds available		610		1	11.6		HQMC	26 JAN 70 W A BLATTER	4

UNFUNDED FACILITIES DEFICIENCIES

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY TYPE
2. ACTIVITY: Marine Corps Base, Camp Lejeune, North Carolina — [A] LESS HOUSING [B] HOUSING
3. U.I.C.
4. FOR PERIOD ENDING: 30 June — FISCAL YEAR: 1970 — SHEET 2 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO
locally. The construction portion is not included in the backlog.									
(3) TROOP HOUSING - DETACHED FACILITIES Structural repairs, interior painting, electrical and mechanical - 206, 107 and 411		723		1	$ 150.0		HQMC	24 JAN 70 W A BLATTER	5
(1) COMMUNITY FACILITIES - MORALE, WELFARE AND RECREATIONAL Structural repair, exterior and interior painting, electrical and mechanical - TC-930		740		1	35.0		HQMC	26 JAN 70 W A BLATTER	6
ELECTRICITY - DISTRIBUTION AND TRANSMISSION LINES Replace power transmission poles across Northeast creek.		812		1	11.0		HQMC	24 JAN 70 W A BLATTER	7
Electrical Conductors, 400 MCQ's, replace This item was listed as a backlog of essential maintenance in the Type A Annual Inspection Summary, other than housing, for FY-67 and submitted as a special project on 15 March 1967. The estimated cost to correct the deficiency is $553.0. We have been advised that there is discussion in Headquarters Marine Corps as to whether this item should be Housing or Other Than Housing. We have not been advised of a decision. We are listing it as a requirement, but not including the estimated cost to correct the deficiency in the backlog.									
Extensive work is required to correct the de-									

TITLE XIII [illegible] ION SUMMARY

REPORT NAVFAC [illegible]

UNFUNDED FACILITIES DEFICIENCIES

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE
2. ACTIVITY: Marine Corps Base, Camp Lejeune, North Carolina
A [X] LESS HOUSING
B [ ] HOUSING
3. U.I.C.
4. FOR PERIOD ENDING: 30 June
FISCAL YEAR: 1970
5. SHEET 3 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
Deficiencies in the secondary electrical distribution system in the private side of Knox Trailer Park. Corrective action will require a construction project, but the deficiency is listed here to show that there is a requirement, but not including the estimated cost to correct the deficiency in the backlog ($28.5).									
HEAT, STEAM - SOURCE Replace (4) fluid drive hydraulic couplings - 1700		821		1	$ 30.0		HQMC	24 JAN 70 W A BLATTER	8
(4) WATER - SUPPLY, TREATMENT AND STORAGE Replace (4) wells - 605, 618, M-141 and TT-55 23.7		841		1	98.7		HQMC	1 24 Jan 70 W A BLATTER	9
(2) WATER - SUPPLY, TREATMENT AND STORAGE Replace (2) wells - 630 and 631 This project has been submitted as a Milcon item. Preparation of plans and specifications has been approved by NAVFAC for wells 630 and 631 ($104.0). We are listing it as a requirement, but not including the estimated cost to correct the deficiency in the backlog.		841		1			HQMC		10
ROADS Resurface Holcomb Blvd.		851		1	156.0		HQMC	Funded	11
SIDEWALKS AND OTHER PAVEMENT Replace broken sidewalks base wide.		852		1	49.2		HQMC	2	12
Sub Total					$ 580.3				

C-12057

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9410/92 (10-67)
Supersedes NAVDOCKS 2730
S/N 0105-001-0700

UNFUNDED FACILITIES DEFICIENCIES

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		
	Marine Corps Base Camp Lejeune, North Carolina	A [X] LESS HOUSING B [ ] HOUSING		30 June	FISCAL YEAR 1970	SHEET 4 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
(5) COMMUNICATIONS - BUILDINGS Structural repair, exterior and interior paint-ing, replace ringing and tone equipment, Court-house Bay, Telephone Exchange - BB-69 Replacement of main battery, Courthouse Bay, Telephone Exchange - BB-69 Replacement of main battery charging equipment, Courthouse Bay, Telephone Exchange - BB-69 Replacement of manual telephone switchboard for the Base Training Facilities - HP-11 BB-69, TP-450, 24, VL-127 and 11		131		2	$ 12.8		Local	1-3	13
(79) TRAINING BUILDINGS Structural repairs, exterior and interior paint-ing, electrical, mechanical and replace (9) roofs - 1303, M-102, M-104, M-124, M-126, M-214, M-307, M-321, M-402, M-406, M-409, M-413, M-418, M-501, M-522, M-603, BB-32, BB-48, BB-49, BB-68, BB-80, BB-83, BB-89, BB-90, BB-91, BB-92, BB-93, BB-95, BB-100, BB-138, BB-139, BB-174, BB-175, BB-176, RR-214, TC-341, 379, M-101, M-113, M-119, M-121, M-123, M-125, M-127, M-323, M-324, M-326, M-327, M-405, M-407, M-411, M-412, M-420, M-422, M-514, M-516, M-520, BB-34, BB-50, BB-71, BB-73, BB-82, BB-142, RR-53, 540, 743, 744, 814, 874, M-139, M-403, CR-106, VL-125, VL-135, VL-137, VL-138, VL-144, VL-145 and VL-149		171		2	177.6		Local	1-4	14

ANNUAL INSPECTION SUMMARY
[illegible]/52 (10-67)
[illegible] NAVFAC 2730
[illegible]-0200

UNFUNDED FACILITIES DEFICIENCIES

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE
2. ACTIVITY: Marine Corps Base, Camp Lejeune, North Carolina — [A] [X] LESS HOUSING; [B] [ ] HOUSING
3. U.I.C.
4. FOR PERIOD ENDING: 30 June — FISCAL YEAR: 1970
5. SHEET: 5 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
(54) TRAINING FACILITIES OTHER THAN BUILDINGS Structural repair, exterior and interior painting, electrical, mechanical and replace (3) roofs - C-5, A-1, B-12, D-29, D-30, F-2, F-3, F-11, F-13, I-1, K-212, K-303, K-315, M-113, S-760, S-771, S-772, S-773, S-774, S-1763, SBB-181, STC-1200, STC-1201, STC-1202, STC-1203, STC-1204, STC-1205, STC-1206, STC-1223, S-246, K-406, S-154, S-155, S-156, S-157, S-158, S-159, S-247, S-249, S-351, S-352, S-850, S-877, SK-5A, SBB-161, SBB-183, SOC-4C, SOC-21C, SRR-65, SRR-66, SSH-10, STC-1219, SVL-123, SVL-167, F-10, K-305, K-319, K-321, L-6, L-7, L-8, L-3, SRR-244 and SRR-245		179		2	$ 44.4		Local	1-3	15
(17) MAINTENANCE - TANK, AUTOMOTIVE Structural repair, exterior and interior painting and mechanical - 574, 703, 739, 775, 901, 903, A-1, A-11, BA-130, FC-100, GP-1, 1502, [illegible]-120, TC-773, S-921, S-821, and STC-620		214		2	28.6		Local	1-2	16
(3) MAINTENANCE - PUBLIC WORKS REPAIR AND OPERATIONS Structural repair, exterior and interior painting, mechanical and replace part of (2) roofs - 45, 780, 1202, 1404, 1410, 2627, M-103 and STC-346		219		2	26.6		Local	1-4	17

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC P-322 (10-67)
Supersedes DD FORM 2730
S/N 0105-001-0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT CONTROL NO.

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE

2. ACTIVITY: Marine Corps Base, Camp Lejeune, North Carolina — A [X] LESS HOUSING; B [ ] HOUSING

3. U.I.C.

4. FOR PERIOD ENDING: 30 June — FISCAL YEAR: 1970

5. PAGE: 6 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
(5) RESEARCH, DEVELOPMENT AND TEST BUILDINGS Structural repair, exterior and interior painting - 65, 66, PT-4, PT-6, PT-7 and PT-8		310		2	$ 13.7		Local	1-2	18
(6) STORAGE - COVERED - DEPOT Structural repair, interior painting and mechanical - 915, 1011, 1117, 1211, 1316 and 1317		441		2	28.6		Local	2	19
(9) STORAGE - COVERED - INSTALLATION AND OPERATIONAL Structural repair, exterior and interior painting, mechanical, electrical and replace (8) roofs - 132, 145, 229, 328, 334, 343, 405, 432, 434, 437, 440, 445, 512, 571, 747, 776, 770, 903, 904, 905, 916, 1012, 1101, 1108, 1116, 1118, 1212, 1301, 1606, 1944, A-8, A-9, A-10, A-12, A-14, M-112, M-122, M-133, M-151, M-303, M-314, M-330, M-403, M-512, M-601, M-619, M-620, BA-128, BB-30, BB-31, BB-36, BB-23, GP-2, GP-3, GP-4, GP-6, GP-7, GP-8, GP-9, GP-10, GP-11, GP-12, PT-9, RR-16, RR-48, RR-50, RR-200, RR-240, TC-342, TC-1020, TC-1023, TC-1025, TC-1030, TC-1032, TC-1034, TC-1035, TC-1053, TP-449, VL-166, TP-451, TP-452, 866, 1104, D-25, D-40, M-136, 332, M-301, M-319, M-506, M-606, M-613, S-752A, BB-192, TP-418, TP-53, SBB-140 and SBB-170		442		2	154.6		Local	1-3	20

C-12357

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC P-322/82 (10-67)
Supersedes NAVFACS 2730
S/N 0105-104-0700

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 1820-1

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE
2. ACTIVITY: Marine Corps Base, Camp Lejeune, North Carolina
A [X] LESS HOUSING
B [ ] HOUSING
3. U.I.C.
4. FOR PERIOD ENDING: 30 June
FISCAL YEAR: 1970
5. SHEET 7 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
(54) ADMINISTRATIVE BUILDINGS Structural repair, exterior and interior painting, mechanical, electrical and replace (5) roofs - 1, 59, 117, 123, 233, 311, 317, 320, 336, 337, 339, 340, 342, 400, 423, 439, 518, 522, 536, 537, 538, 756, 900, 1100, 1115, 1403, 1407, M-105, M-131, M-132, M-144, M-200, M-201, M-401, M-414, M-416, M-521, M-621, M-612, BA-152, BB-5, BB-15, BB-28, BB-37, BB-38, BB-47, BB-36, GP-5, RR-11, RR-205, RR-249, SH-7, VL-100 and VL-105		610		2	$ 105.2		Local	1-3	21
(84) TROOP HOUSING - BACHELOR ENLISTED QUARTERS W/O MESS Structural repair, exterior and interior painting, electrical, mechanical and replace (35) roofs - 53, 63, 67, 404, 406, 410, 422, 426, 506, 507, 515, 527, 1109, M-128, M-211, M-212, M-215, M-216, M-217, M-218, M-219, M-220, M-221, M-222, M-223, M-224, M-225, M-226, M-227, M-228, M-229, M-234, M-235, M-236, M-305, M-309, M-311, M-313, M-316, M-318, M-503, M-504, M-507, M-509, M-511, M-518, M-604, M-607, M-609, M-611, M-614, M-616, M-622, M-31, M-32, BA-102, BA-104, BA-105, BB-11, BB-12, BB-13, BB-14, RR-1, RR-2, RR-4, RR-5, RR-201, RR-202, RR-203, RR-204, RR-206, RR-207, RR-208, RR-209, RR-210, RR-218, RR-219, RR-220, RR-221, RR-223, RR-224, RR-225, TC-1064, and TC-1065		722		2	319.2		Local	1-3	22

TYPE [illegible] INSPECTION SUMMARY
[illegible] 2 (10-67)
[illegible] NAVS 2730
[illegible]-0200

UNFUNDED FACILITIES DEFICIENCIES

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. [illegible]	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		
	Marine Corps Base Camp Lejeune, North Carolina	A [X] LESS HOUSING B [ ] HOUSING		30 June	1970	PAGE 8 OF 12

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
(44) TROOP HOUSING - DETACHED FACILITIES Structural repair, exterior and interior painting, electrical, mechanical and replace (25) roofs - 106, 325, 508, M-202, 572, M-109, M-205, M-206, M-207, M-208, M-209, M-210, M-415, M-513, BB-72, BB-96, BB-98, BB-115, BB-116, BB-151, RR-211, RR-212, RR-213, RR-215, RR-216, RR-217, TC-950, TC-1010, TC-1013, TC-1015, TC-1016, TC-1042, TC-1044, TC-1045, TC-1050, TC-1051, TC-1052, TC-1054, TC-1140, TC-1141, M-315, VL-101, VL-104 and VL-156		723		2	$ 55.1		Local	1-3	23
(3) TROOP HOUSING - BACHELOR OFFICERS QUARTERS Structural repair, exterior and interior painting, electrical, mechanical, replace (1) roof complete and part of (3) roofs - M-130, 2613, 2617, M-231, M-232, M-233, BB-45 and RR-9		724		2	31.7		Local	2-4	24
(32) TROOP HOUSING - EMERGENCY ructural repair, exterior and interior painting - BB-101, BB-102, BB-103, BB-104, BB-105, BB-106, BB-107, BB-108, BB-109, BB-110, BB-111, BB-112, BB-113, BB-114, BB-117, BB-118, BB-119, BB-120, BB-121, BB-122, BB-123, BB-124, BB-126, BB-127, BB-128, BB-129, BB-130, BB-131, BB-132, BB-133, BB-136 and BB-137		725		2	13.7		Local	1	25

TYPE A FISCAL INSPECTION SUMMARY
NAVFAC 9-[illegible] (10-67)
Supersedes [illegible] 2730
S/N-0105-[illegible]

UNFUNDED FACILITIES DEFICIENCIES

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE
2. ACTIVITY: Marine Corps Base, Camp Lejeune, North Carolina — [A] [X] LESS HOUSING; [B] [ ] HOUSING
3. U.I.C.:
4. FOR PERIOD ENDING: 30 June — FISCAL YEAR: 1970 — 9 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO
(11) COMMUNITY FACILITIES - PERSONNEL SUPPORT AND SERVICE Structural repair, exterior and interior painting, mechanical and replace (1) roof - 18, 1400, 2600, RR-6, TC-701, A-15, M-303, CR-115, SH-8A, TC-307 and 2624		730		2	$ 19.3		Local	1-2	26
(55) COMMUNITY FACILITIES - MORALE, WELFARE AND RECREATIONAL - INTERIOR Structural repair, exterior and interior painting, electrical, mechanical and replace (9) roofs - M-100, M-116, BB-16, 4, 62, 403, 524, M-134, M-320, M-602, BA-101, BB-3, BB-54, TT-57, 2601, 1006, BB-177, 319, 1106, 1107, LCH-4022, 115, 300, M-129, 751, USO, BB-2, RR-3, TC-900, 2615, 425, M-240, BB-27, 2625, D-33, 1915, 2623, M-238, M-185, SA-28, 341, 1903, 1909, 1938, 2626, E-1, M-302, M-419, [illegible]-5, TC-330, TC-1024, TT-44, TT-2451, TT-2455 and LCH-4025		740		2	133.2		Local	1-3	27
(23) COMMUNITY - MORALE, WELFARE AND RECREATIONAL, EXTERIOR Structural repair, exterior painting and resurfacing - S-73, S-140, S-141, S-142, S-346, S-347, S-544, S-1924, SM-245, SM-246, SM-248, SBB-60, SRR-58, S-2634, SD-9, SBB-186, SM-190, SRR-90, S-1732, S-1940, S-1976, S-1979 and TT-59		750		2	15.4		Local	1-4	28

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-10.3/62 (10-67)
Supersedes NAVDOCKS 2730
S/N 0105-004-0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 11013.1

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
	Marine Corps Base Camp Lejeune, North Carolina	A [X] LESS HOUSING B [ ] HOUSING		30 June	FISCAL YEAR 1970	10 OF 13

6	7	8	9	10	11	12	13	14	15
DESCRIPTION	PROJECT NUMBER	CATEGORY CODE	P-99 LINE ITEM	DEFICIENCY CODE	UNFUNDED $ COST OF LINE ITEM DEFICIENCY	FUNDED	RESPONSIBLE FUNDING SOURCE CODE	DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	LINE NO.
(6) HEAT, STEAM - SOURCE Structural repair, exterior and interior painting - 1700, BA-106, D-24, M-625, BB-9 and BB-26		321		2	$ 40.4		Local	1-3	29
(15) WATER - SUPPLY, TREATMENT AND STORAGE Structural repair, exterior and interior painting, electrical and replace (7) roofs - M-178, BA-138, RR-35, TC-503, TT-38, 601, 612, M-1[illegible], M-627, BA-109, BB-43, BB-44, RR-47, TT-45 and SBA-108		841		2	10.6		Local	1-4	30
Sub Total					$1,230.7				

TYPE ANNUAL INSPECTION SUMMARY
NAVFAC 9[illegible]/2 (10-67)
Supersedes NAVFAC 2730
S/N 0525-004-0700

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC [illegible]

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
	Marine Corps Base Camp Lejeune, North Carolina	[A] [X] LESS HOUSING [B] [ ] HOUSING		30 June	FISCAL YEAR 1970	11 OF 3

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO
COMMUNICATION LINES - COMMUNICATION AND CONTROL Replacement of trunking cable across Northeast Creek and replacement of cable, Hadnot Point area, behind Building 1		135		3	$ 8.3		Local		31
(3) OPERATIONAL - BUILDINGS Structural repair, interior painting and mechanical - 11, 27 and TC-1041		141		3	6.0		Local	1-2	32
(1) OTHER WATERFRONT OPERATIONAL Structural repair - 1913		159		3	2.5		Local	2	33
(2) MAINTENANCE - SHIPS, SPARES Structural repair, exterior painting and mechanical - A-2 and A-3		213		3	4.3		Local	1-2	34
(5) MAINTENANCE - ELECTRONICS AND COMMUNICATION EQUIPMENT Structural repair, exterior and interior painting - 442, 444, M-166, GP-13 and TC-1022		217		3	2.7		Local	1	35
(3) MAINTENANCE - FACILITIES FOR MISCELLANEOUS PROCURED ITEMS AND EQUIPMENT Structural repair, exterior and interior painting, electrical, mechanical and replace (1) roof - TC-910, BB-51 and A-13		218		3	9.5		Local	1-3	36
(16) AMMUNITION STORAGE - INSTALLATION AND ORGANIZATIONAL Structural repair, exterior and interior painting - SVL-5, SVL-7, SVL-9, SVL-10, SVL-11, SVL-12, SVL-13, SVL-3, SVL-8, SRR-241, SRR-242,		422		3	9.0		Local	1-3	37

TYPE A ANNUAL INSPECTION SUMMARY
(NAVFAC 11012/2 (3-67))
Supersedes NAVFAC 2730
S/N-0105-001-0200

UNFUNDED FACILITIES DEFICIENCIES

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

REPORT NAVFAC 11012-67

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
	Marine Corps Base Camp Lejeune, North Carolina	A [x] LESS HOUSING B [ ] HOUSING		30 June	FISCAL YEAR 1970	12 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO
SVL-1, SVL-2, SVL-6, SVL-14 and STC-130									
) COLD STORAGE - INSTALLATION AND ORGANIZATION Structural repair and mechanical - 1300		432		3	$ 2.1		Local	3	38
(3) DISPENSARIES Structural repair and exterior and interior painting - CG-492, CG-512 and RR-12		550		3	2.9		Local	2	39
(6) ADMINISTRATIVE STRUCTURES - OTHER Structural repair, exterior painting and replace (1) roof - SM-131A, SBA-155, SRR-11A, SLCH-4028, unnumbered Flag Poles and S-1733		690		3	1.9		Local	1-3	40
ELECTRICITY - DISTRIBUTION AND TRANSMISSION LINES Replace (5) street lights Amphibious Area, replace (27) street lights Montford Point, replace (20) street lights Hadnot Point around brick Warehouses, replace (8) street lights Sneads Ferry Road and replace (3) street lights Stone Bay		812		3	8.8		Local		41
HEAT, STEAM - TRANSMISSION Repairs to steam pits 2600 Area		822		3	2.0		Local	3	42

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-1101-/62 (10-67)
Supersedes NAVFACS 2730
S N-0105-004-0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 11017-1

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
	Marine Corps Base Camp Lejeune, North Carolina	A [X] LESS HOUSING B [ ] HOUSING		30 June	FISCAL YEAR 1970	13 OF 13

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
(6) SEWAGE AND INDUSTRIAL WASTE - TREATMENT AND DISPOSAL Structural repair, exterior and interior painting - 32, M-137, S-721, S-737, RR-38 and TT-35		831		3	$ 2.0		Local	1-4	43
(4) REFUSE AND GARBAGE Structural repair, exterior and interior painting and replace (1) roof - M-101A, TC-921, VL-106 and VL-107		833		3	3.2		Local	1-3	44
(3) ROADS Structural repair - S-858, S-859, S-860, S-861, S-863, SBA-148, SBA-149 and SVL-126		851		3	4.5		Local	1-3	45
(1) RAILROAD TRACKS Structural repair - S-802		860		3	1.5		Local	3	46
(2) GROUNDS, FENCING, GATES AND GUARD TOWERS Repair to fences - ST-7 and 1711		872		3	4.0		Local	1	47
FIRE AND OTHER ALARM SYSTEMS Replacement of twenty (20) fire alarm boxes, Hadnot Point Area - Circuit No. 2 and 3		880		3	5.5		Local		48
(2) MISCELLANEOUS UTILITIES Structural repair, exterior and interior painting and replace (1) cooling tower - S-2636 and M-237		890		3	1.5		Local		49
Sub Total					$ 82.2				
GRAND TOTAL					$1,893.2				

C-12057

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 5-11010/2 (10-67)
Supersedes NAVDOCKS 2730
S/N 0105-004-0200

UNFUNDED FACILITIES DEFICIENCIES (PROJECTED)

REPORT CONTROL SYMBOL

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
	Marine Corps Base Camp Lejeune, North Carolina	A [X] LESS HOUSING B [ ] HOUSING		30 June	FISCAL YEAR 1971	1 OF 1

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
COMMUNICATION LINES - COMMUNICATION AND CONTROL Replace trunking cable no. 7 across Wallace Creek at the bridge		135		1	$ 12.5		HQMC		1
COMMUNICATION LINES - COMMUNICATION AND CONTROL Replacement of cable no. 21 from Sneads Ferry Road to Building No. 4014		135		1	26.9		HQMC		2
MAINTENANCE - TANK, AUTOMOTIVE Glaze and paint windows - 1502		214		1	11.0		HQMC		3
ROADS Replace fender south side Onslow Beach Bridge - SDA-129		851		1	77.0		HQMC		4
FIRE AND OTHER ALARM SYSTEMS Replace 72 fire alarm boxes on Circuit 3		880		1	26.7		HQMC		5
GRAND TOTAL					$154.1				

UNFUNDED FACILITIES DEFICIENCIES (PROJECTED)

C-12037

TYPE A ANNUAL INSPECTION SUMMARY - TRANSMITTAL SHEET

NAVFAC 9-11014/62A (10-67)

Supersed NAVDOCKS 2729

S/N-010 4-0220

Instructions for completing are contained in NAVFAC P-322

NAVFAC 11014-1

1. FROM ~~COMMANDING OFFICER~~ NAVAL HOSPITAL CAMP LEJEUNE, N. C. 28542	2. E.F.D. LANTDIV CODE 05	3. ACTIVITY CODE 3435-185	4. ACTIVITY NAVAL HOSPITAL CAMP LEJEUNE, N. C. 28542 — A [X] LESS HOUSING; B [ ] HOUSING
All facilities inspected are in satisfactory condition except those listed on Form NAVFAC 9-11014/62, having essential deficiencies which cannot be accomplished during the current fiscal year due to lack of resources.	5. TO		8. FOR PERIOD ENDING — FISCAL YEAR 1970
	6. VIA		7. COPIES TO
S. M. BERKLEY BY DIRECTION — DATE 9 JANUARY 1970			9. INSPECTED BY: [ ] ACTIVITY; [X] CONTINUOUS; [ ] E.F.D.; [ ] ONE-TIME COMPREHENSIVE; [ ] OTHER

10 FACILITIES NOT INSPECTED	11 REASON	12 DATE OF PREVIOUS INSPECTION	13 APPROXIMATE DATE OF NEXT INSPECTION
NONE			

14. FIRST ENDORSEMENT

FROM:

DATE:

Comments

TAB B to
APPENDIX 4 to
ANNEX A

BY DIRECTION

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-11014/62 (10-67)
Supersedes NAVDOCKS 2730
S/N-0 004-0200

UNFUNDED FACILITIES DEFICIENCIES

RT NAVFAC 11014-1

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
3435-185	NAVAL HOSPITAL CAMP LEJEUNE, N. C. 28542	A [X] LESS HOUSING B [ ] HOUSING	00416	31 DECEMBER 1969	FISCAL YEAR 1970	1 OF 3

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
Resurface floors in food preparation area-Bldg. H-1	R3-66	510-10	1005	1	$ 14,100		1804	2-20-68	1
Rehab walk-in reefers - Bldg. H-1	RA1-68	510-10	1005	1	60,000		1804	8-22-67	[illegible]
Replace air conditioners - Bldg. H-15	R3-70	510-10	1005	1	100,000		1804	8-6-69	3
Replace steam and condensate lines-Bldg. H-15	R4-70	510-10	1005	1	30,000		1804	8-6-69	4
Replace light fixtures-Bldg. H-1	R6-70	510-10	1005	1	18,000		1804	8-6-69	5
Repair ceiling-Wards 4, 11, 12 - Bldg. H-1	R10-70	510-10	1005	1	12,000		1804	8-6-69	6
Replace H. W. generator and condensate pumps-Bldg. H-1	R11-70	510-10	1005	1	14,000		1804	8-6-69	7
Repair 100 room air conditioners-Bldg. H-1	R12-70	510-10	1005	1	20,000		1804	8-6-69	8
Paint wards and offices - Bldg. H-1	M3-70	510-10	1005	1	24,000		1804	8-6-69	9
Rehab switch gear - Bldg. H-36	R1-70	812-10	1005	1	25,000		1804	8-6-69	[illegible]
Replace steam and condensate lines	R5-70	822-10	1072A	1	350,000		1804	8-6-69	11
Repair sewer line	R2-70	832-10	1074	1	10,000	7/ 9,000	1804	8-6-69	12
Seal coat roads and paved areas	M2-70	851-41	1031	1	32,000		1804	8-6-69	13
Replace window screens and paint exterior - Bldg. H-15	—	510-10	1005	2	11,500		1804	8-6-69	14

C-12057

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-11014/62 (10-67)
Supersedes NAVDOCKS 2730
S/N-01 4-0200

UNFUNDED FACILITIES DEFICIENCIES

C-PART NAV AC 11014-1

Instructions for completing are contained in NAVFAC P-322.
If continuation sheets are required, use the form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
3435-185	NAVAL HOSPITAL CAMP LEJEUNE, N. C. 28542	A [X] LESS HOUSING B [ ] HOUSING	00416	31 DECEMBER 1969	FISCAL YEAR 1970	2 OF 3

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
Replace window screens - Bldg. H-14 Replace condensate pump - Bldg. H-14 Paint exterior	($2,000) ($ 500) (10,000)	724-15	1007	2	$ 12,500		1804	8-6-69	15
Paint exterior Bldgs. H-18 and H-39		214-20	1002	4	600		1804	8-6-69	16
Paint exterior Bldg. H-19		219-10	1002	4	300		1804	8-6-69	17
Paint exterior Bldgs. H-17 and H-22		442-10	1004	4	1,150		1804	8-6-69	18
Repair tiles mess hall-Bldg. H-1 Repair doctors paging system-Bldg. H-1	($6,000) (1,500)	510-10	1005	4	7,500		1804	8-6-69	19
Repair heating controls-Bldg. H-39 Paint exterior Bldg. H-39		610-10	1006	4	900		1804	8-6-69	20
Paint interior-Bldg. H-24 ($6,700) Repair condensate pump-Bldg. H-24 ($1,000) Paint metal roof-Bldg. H-24 ($200)		722-10	1007B	4	7,900		1804	8-6-69	21
Paint interior Bldg. H-21 ($3,800) Repair condensate pump-Bldg. H-21 ($1,500) Repair heating coil H. W. tank-Bldg. H-21 ($1,500) Paint exterior-Bldg. H-21 ($800)		730-40	1009	4	7,600		1804	8-6-69	22
Repair tennis courts		750-10	10530	4	3,000		1804	8-6-69	23
Replace emergency generator and motor - Bldg. H-77		811-60	1061	4	4,000		1804	8-6-69	24

C-12057

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-11014/62 (10-67)
Supersede NAVDOCKS 2730
S/N-0)4-0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 11014-1

Instructions for completing are contained in NAVFAC P-322.
If continuation sheets are required, use the form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING	FISCAL YEAR	5. SHEET
3435-185	NAVAL HOSPITAL CAMP LEJEUNE, N. C. 28542	A [X] LESS HOUSING B [ ] HOUSING	00416	31 DECEMBER 1969	1970	3 OF 3

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
Repair electric distribution system		812-12	1071	4	$ 2,500		1804	8-6-69	25
Replace condensate pump-Bldg. H-20 ($4,500) Paint exterior-Bldg. H-20 ($500)		821-20	1002	4	5,000		1804	8-6-69	26
Replace sewage lift pump-Bldg. H-29		832-30	1074	4	2,500		1804	8-6-69	27
Replace water line-Hospital Point		842-10	1073	4	2,500		1804	8-6-69	28
Grade shoulders of roads		851-11	1031	4	4,000		1804	8-6-69	29
Repair parking areas		852-1	1033B	4	5,000		1804	8-6-69	30
Repair drainage ditches		871-20	1043	4	3,500		1804	8-6-69	31
		TOTALS		Code 1 -	$ 709,100				
				Code 2 -	24,000				
				Code 4 -	57,950				
					$ 790,150				

C-12057

21/PJD/nmc
4064/5400/1
8 Dec 1970

LAUNDRY CONSOLIDATION STUDY

1. PROBLEM. To determine the feasibility of consolidating the laundry facility at the Naval Hospital, Camp Lejeune, North Carolina, with the laundry facility at the Marine Corps Base, Camp Lejeune.

2. ASSUMPTIONS

a. That if a decision is made to consolidate the Naval Hospital Laundry and the Marine Corps Base Laundry:

(1) The Naval Hospital will:

(a) Arrange for transportation.
(b) Continue to operate the hospital linen room.
(c) Continue to pre-sort all soiled laundry.
(d) Continue to use linen carts.

(2) Marine Corps Base Laundry will provide the level of support necessary to assure the hospital's ability to meet its primary mission.

3. FACTS BEARING ON THE PROBLEM

a. Services, Volumes and Costs

(1) The Naval Hospital operates its own laundry and processes all of its organic requirements. It is organized by necessity to handle any kind of linen problem on an emergency basis. Frequently, speed of delivery is crucial for maintaining the required quality of patient care. During Fiscal Year 1970, the Naval Hospital processed 880,257

pounds of laundry, an average of 3,493 pounds per 8-hour workday, which represents about 29% of the laundry's operating capacity. The unit cost to process this workload was $0.0896 per pound. This unit cost does not include annual depreciation of laundry equipment.

(2) The Marine Corps Base operates its own laundry and processes organizational work for all units located in the Camp Lejeune Complex, including the New River Air Station and excluding the Naval Hospital. Personal work is also processed for all military personnel and their dependents in the Camp Lejeune area. During Fiscal Year 1970, the Marine Corps Base Laundry processed 7,590,000 pounds (an average of 29,000 pounds per 8-hour workday) which represents 88% of the laundry's operating capacity. The unit cost to process this workload was $0.0848 per pound. This cost includes annual depreciation of laundry equipment.

b. Production Records. The Naval Hospital Laundry does not maintain administrative records on classification of different volumes processed or individual production records. The laundry has no set production standards as to the number of pieces or pounds an employee is required to process in a given time frame.

c. Command Control. The Commanding Officer, Naval Hospital, through the Infection Control Committee, is responsible for the prevention of cross-infection from contaminated linen. This requires close control of the chain of activities from ward turn-in of dirty linen through ward issue of clean linen. The lengthening of this "chain", as

envisioned in the consolidation, increases the possibility of contamination and cross-infection. The benefits of consolidation must be considerable to outweigh this disadvantage.

d. Limiting Factors. If the Naval Hospital Laundry were closed, the MCB Laundry would be the only local government operated laundry facility available. In the event of any disruption in the MCB Laundry service (such as major power failure or major equipment break-down), hospital linens would have to be processed at Marine Corps Air Station, Cherry Point; a local commercial laundry; or in an FMF field laundry. This procedure would increase the possibility of cross-infection.

e. Additional Requirements. This study is predicated on the assumption that the Naval Hospital will provide certain transportation services if consolidation is recommended. Currently, the hospital has not budgeted for these activities; therefore, any changes will be subject to the Naval Hospital's receipt of the necessary resources to implement this program.

4. DISCUSSION

a. The MCB Laundry processes an average of 29,000 pounds of laundry per 8-hour working day. This workload represents about 88% of the operating capacity.

b. The Naval Hospital Laundry processes an average of 3,493 pounds of laundry per 8-hour working day. This workload represents about 29% of the operating capacity.

c. The Naval Hospital Laundry cannot absorb the Marine Corps Base Laundry workload; however, the MCB Laundry can absorb the entire workload from the Naval Hospital with only six additional employees (Naval Hospital currently has eleven civilian employees to provide this service).

(1) The Marine Corps Base Laundry would then exceed its 100% operating capacity only four months out of a year. The excess workload would range from a low of 1% to a high of 13% above operating capacity during this four months period.

(2) During this period, When-Actually-Employed (WAE) type employees could be assigned to the second shift. MCB Laundry has a sufficient number of WAE type employees on rolls.

d. Consolidation of the laundries would require that six of the eleven civilian employees at the Naval Hospital, Camp Lejeune, North Carolina, be transferred to MCB, Camp Lejeune. This would not change the status of the hospital linen room as it is presently operated by military personnel. It should be noted that to consolidate the laundry function by transferring the hospital workload to the MCB Laundry increases the possibility of contamination and cross-infection. The benefits of consolidation must be considered to outweigh this disadvantage.

e. Following are computations of annual costs and savings which would result if the Naval Hospital Laundry workload were transferred to and processed in the MCB Laundry:

(Consideration is given only to area of increase and decrease that could be expected from consolidation of the laundries).

(1) Increases:

(a) Transportation of Laundry workload to the MCB Laundry

5-Ton Van	$2,510.00
Truck Driver	4,869.00

(b) Night Differential Pay

10 employees, 4 months per year	693.00

(c) Total increases	$8,072.00

(2) Decreases:

(a) Reduction of 5 of 11 civilian billets (approximately)	31,320.00

(3) Net Decrease (expected annual savings)	$23,248.00

5. CONCLUSION. MCB Laundry could absorb the entire workload of the Naval Hospital Laundry with a substantial annual savings, as indicated above, to the Government.

6. RECOMMENDATION. That the laundry facility at the Naval Hospital, Camp Lejeune, be consolidated with the laundry facility of Marine Corps Base, Camp Lejeune.

Paul J. Du Pré

PAUL J. Du PRE
Colonel, United States Marine Corps
Assistant Chief of Staff, Supply Services

35/CWM/awk
11000
11 Dec 1970

MOTOR TRANSPORT SUPPORT SERVICES CONSOLIDATION STUDY

1. PROBLEM. To conduct a study to determine the feasibility of consolidating the common motor transport support services at the Naval Hospital, Camp Lejeune with those of the Marine Corps Base, Camp Lejeune.

2. ASSUMPTIONS

a. That motor transport common support services shall be consolidated to the maximum practicable degree.

b. That MCB, Camp Lejeune will provide motor transport common support services to the other activities in the Camp Lejeune area, i.e., function as the "Lead Activity."

c. That the motor transport support requirements in the immediate future will remain at approximately the same level as in the immediate past.

d. That maintenance of all vehicles and equipment is current and does not require other than normal maintenance manhours and/or materials.

e. That the quality of motor transport maintenance will continue at the same level or at an improved level.

3. FACTS BEARING ON THE PROBLEM

a. MCB Motor Transport Department operates administrative-use vehicles in support of tenant Fleet Marine Force Commands and Marine Corps Base organizations, including dependent schools.

b. The Naval Hospital, CLNC operates administrative vehicles as necessary to be self-supporting.

c. MCB Motor Transport Department performs 1st through 4th echelon maintenance on organic commercial vehicles; 2d through 4th echelon

maintenance on commercial vehicles assigned for Fleet Marine Force in-garrison use, "U-Drive" pools, Mobile Construction Battalion vehicles; and occasional 4th echelon maintenance for the Naval Hospital. (Maintenance performed for the Naval Hospital Public Works Department and Mobile Construction Battalion, U. S. Atlantic Fleet is on a reimbursable basis.) MCB Motor Transport Department also performs 1st through 4th echelon maintenance on all organic materials handling equipment, and 2d through 4th echelon maintenance on materials handling equipment assigned to 2d Marine Division and Force Troops, FMFLant on a reimbursable basis.

d. The Naval Hospital, CLNC performs 1st through 3d and limited 4th echelon maintenance on assigned administrative vehicles and maintenance/groundskeeping equipment.

e. MCB Maintenance Department performs maintenance on assigned engineer/groundskeeping-type equipment.

f. MCB Motor Transport Department's preventive maintenance program is established under Marine Corps directives; whereas, the Naval Hospital's preventive maintenance programs operate under Naval Facilities Engineering Command directives.

g. MCB Motor Transport Department collects cost/utilization data in accordance with U. S. Marine Corps directives, while the Naval Hospital complies with Naval Facilities Engineering Command directives.

h. Marine Corps Base's administrative vehicles and materials handling equipment replacement is programmed at Headquarters, Marine Corps and is based on age, mileage, and maintenance costs expended. The Naval Hospital's administrative vehicles and materials handling equipment

replacement is based on a recommended three-year program submitted by the using activities.

4. DISCUSSION

a. General

(1) Within the Camp Lejeune area there are three motor transport-type organizations that operate and maintain administrative support-type vehicles and equipment: MCB, Camp Lejeune; MCAS(H), New River; and Naval Hospital, CLNC. These organizations provide motor transport service support that is both common and uncommon to each other; however, some of the support that is uncommon to each of the motor transport units, such as construction/groundskeeping equipment which is provided by Base Maintenance Department MCB, Camp Lejeune could be consolidated within this department's support.

(2) Although there is an area of common motor transport service support among the three organizations, there are basic differences in the manner in which this support is managed and in maintenance procedures employed to support the programs. These differences and proposed changes to make the operation compatible under a single management are brought forth in the following discussion.

b. Personnel and Equipment Status

(1) Base Motor Transport Department

(a) The Table of Organization for Motor Transport Company, Headquarters and Service Battalion, MCB, Camp Lejeune authorizes the following military and civilian personnel for Base Motor Transport Department:

1. Military	304	(Total)
Officers	4	
Enlisted (Permanent)	218	
Enlisted (FMF Augmentation)	82	

2. Civilians 148 (Total)

Graded	19
Ungraded	129

3. The Department T/O for civilian personnel consists of the following:

Graded Employees

(1) Supervisory Automotive Transport Specialist, GS-11

(1) Supervisor Training Instructor (Motor Vehicle Operation), GS-7

(1) Fiscal Accounting Supervisory, GS-7

(1) Secretary (Typing), GS-5

(1) Supervisory Supply Clerk, GS-5

(1) Accounts Maintenance Clerk, GS-4

(1) Fiscal Accounting Clerk, GS-4

(2) Clerk-Typist, GS-3

(4) Motor Vehicle Dispatcher, GS-3

(1) Clerk (Typing), GS-3

(5) Clerk, GS-3

Ungraded Employees

(1) General Foreman, Auto Mechanic

(3) Foreman, Auto Mechanic

(1) Foreman, Transportation

(2) Leader, Auto Mechanic

(65) Non-supervisory maintenance personnel

(55) Truck Driver

(1) Foreman, Truck Driver (Heavy Trailer)

(1) Stockman

(b) The authorized Table of Equipment consists of approximately 1405 vehicles/equipment.

(2) Naval Hospital, CLNC

(a) The authorized Table of Organization for the Public Works Department of the Naval Hospital contains the following personnel who are associated with the operation/maintenance of motor transport-type vehicles/equipment:

1. Military	4	(Total)
Officers	0	
Enlisted	4	(USN) (1 dispatcher & ambulance attendents)
2. Civilians (Ungraded)	5	(Total)

(1) Automotive Mechanic (50% automotive & 50% maintenance/groundskeeping equipment)

(2) Truck Drivers/Chauffeur

(2) Truck Drivers (Heavy-Maintenance Vehicles/Equipment)

(b) The authorized Table of Equipment fc the Naval Hospital consists of approximately 25 pieces of motor transport-type equipment/vehicles. A breakdown of vehicles and equipment is as follows:

1. Total number of vehicles/equipment common to that operated/maintained by the Base Motor Transport Department: 12.

2. Total items of equipment common to that operated/maintained by the Base Maintenance Department: 13.

(3) Recapitulation

	MCB	NavHosp
(a) Authorized Personnel		
1. Military	304	4
Officers	4	0
Enlisted (Permanent)	218	4
Enlisted (FMF Augmentation)	82	0

	MCB	NavHosp
2. Civilians	148	5
Graded	19	0
Ungraded	129	5
(b) Authorized Vehicles/Equipment	1405	25

c. Motor Transport Operations

(1) MCB, Camp Lejeune. Base Motor Transport Department provides support to Base activities and Fleet Marine Force tenant organizations in the following areas:

(a) Permanent, semi-permanent, and continuing dispatch assignments of equipment with or without operators, as necessary.

(b) Equipment assignments on sub-custody to FMF tenants for "in-garrison" use.

(c) A military taxi fleet for use by all Camp Lejeune activities.

(d) An Intra-Base, Inter-Base and Housing Areas Bus System.

(e) Bus service for dependent school children from all housing areas, less Camp Geiger Trailer Park (MCAS(H), New River provides).

(f) Large personnel and cargo movements in support of both training and contingency missions to all Camp Lejeune activities, primarily 2d Marine Division; Force Troops, FMFLant; and 1st Infantry Training Regiment.

(g) Sub-pools established in locations convenient to the activity supported, i.e., Marine Corps Engineer Schools; Rifle Range; 1st Infantry Training Regiment; Marine Corps Service Support Schools; and at such locations as are convenient for U-Drive type equipment to be used by Base Maintenance Department.

(h) Motor vehicle operator testing/licensing for all military personnel assigned to MCB, Camp Lejeune and Naval Hospital, CLNC and all civilian personnel (appropriated and nonappropriated funds) employed at Camp Lejeune.

(2) Naval Hospital, CLNC. Public Works Department (Motor Transport) provides support to the Naval Hospital, CLNC in the following areas:

(a) Administrative vehicles to support the Hospital's assigned mission. This includes two ambulances used in direct support of patient care.

(b) Trash/garbage collection equipment.

(c) Assorted maintenance/groundskeeping equipment.

d. Maintenance/Vehicles

(1) Naval Hospital Maintenance Division provides 2d through 3d echelon and limited 4th echelon maintenance on 25 pieces of equipment and vehicles. One Automotive Mechanic is employed. The maintenance shop is approximately 2340 square feet in size and is located 2.7 miles from the Base Motor Transport Department's maintenance shop.

(2) Approximately twelve pieces of motor transport-type equipment/vehicles in the Naval Hospital's inventory are common to that operated/maintained by MCB Motor Transport Department.

(3) The remaining thirteen pieces of maintenance-type equipment are common to those operated/maintained by MCB Maintenance Department.

e. Transportation Allowances, Inventory Control, and Cost Accounting/Reporting

(1) A study of the Navy and Marine Corps equipment management, and cost accounting/reporting procedures indicates that differences exist in each area.

(2) Equipment coverage:

(a) Navy - Transportation equipment includes automotive, construction/allied equipment, fire-fighting, railway, weight handling, weight lifting, and materials handling equipment.

(b) Marine Corps - Motor Transport equipment includes automotive, fire-fighting, and materials handling equipment.

(3) Allowance reviews, inventory control and reporting requirements:

(a) Navy - Allowance reviews are conducted annually in accordance with pertinent directives, by each shore activity. As a part of this annual allowance review, recommendations are forwarded as to vehicles and/or equipment requiring replacements, replacement types desired, and activity replacement priorities.

(b) Marine Corps - Continuous allowance reviews are conducted with appropriate recommendations for changes in allowance made as warranted. Quarterly Garrison Mobile Equipment Report, giving detailed information on each vehicle in the fleet, is forwarded to the Commandant of the Marine Corps in accordance with MCO 4440.27_. Replacement vehicles are scheduled by Headquarters, Marine Corps.

(4) Cost accounting and reporting requirements:

(a) Navy - Cost accounting and reporting is in accordance with the Transportation Equipment Cost Accounting Handbook 9 (NAVEXOS P-1502) as amended by Navy Comptroller Manual Vol 3, Ch 7, with the following quarterly report required: Transportation Operations and Maintenance Cost Report (NavCompt Form 2122). Activities having less than 50 units of transportation equipment, and activities that do not operate a transportation maintenance shop, are not required to prepare the quarterly report. These

activities prepare the report semiannually and annually.

(b) Marine Corps - Cost accounting and reporting is in accordance with MCO 7310.10_ and MCO 4440.27_ with the following required reports:

1. Motor Vehicle Operation and Maintenance Cost Report (Report Symbol - MC 7310.01). Monthly to the Motor Transport Officer of the activity; and quarterly to the Commandant of the Marine Corps.

2. Quarterly Terminal Vehicle Report (Report Symbol MC-11240-5). Monthly to the Motor Transport Officer of the activity; and quarterly to the Commandant of the Marine Corps.

(c) The major difference in cost accounting/or cost elements is as follows: Rework - Under the Navy system, all labor and materials used in the correction of faulty work is treated as an indirect charge; whereas, under the Marine Corps system, correction of faulty work is treated as a direct charge.

(5) Based on the differences existing in equipment management and cost accounting/reporting procedures, a consolidation of the vehicle fleets would be impractical from an administrative standpoint as long as reporting requirements of different management bureaus remain in effect. The ideal solution would be to establish one system of management.

f. Consolidation programs for consideration

(1) Transfer common Navy vehicles/equipment to the MCB Motor Transport Department with the Naval Hospital, CLNC reimbursing MCB, Camp Lejeune for support services on an hourly/mileage rental basis

(a) Base Motor Transport Department would pick up as plant account property, the 12 pieces of motor transport-type equipment/vehicles belonging to the Naval Hospital, CLNC and the MCB Maintenance Department would receive the 13 pieces of maintenance-type equipment.

(b) The combining of other common support services, such as

Public Works and Base Maintenance equipment, may further reduce vehicle/equipment requirements but this can only be determined after a trial period of consolidation.

(c) Base Motor Transport Department would maintain a sub-pool at the Naval Hospital to provide "U-Drive" vehicles for this activity. General support services, such as bus transportation, large cargo/troop movements and taxi service, would be provided by Base Motor Transport Department, as required/requested.

(d) In order to establish the sub-pools, the compound and the dispatcher offices presently operated by the Naval Hospital would be required by Base Motor Transport Department.

(e) The majority of support required by the Naval Hospital would be on a "U-Drive" basis.

(f) Personnel Transfers

1. The two civilian truck drivers and four Navy military personnel presently employed by the Naval Hospital would not be transferred to Base Motor Transport Department.

2. The two truck drivers (Heavy) employed in trash and garbage collection at the Naval Hospital would be transferred to the Base Maintenance Department, if/when the responsibility for the performance of that function was transferred from the Naval Hospital, CLNC to MCB, Camp Lejeune.

3. Base Motor Transport Department would have no requirement for the one automotive mechanic presently employed; although the services of one automotive mechanic may still be required at the Naval Hospital to maintain groundskeeping equipment, if Base Maintenance Department

and Naval Hospital Public Works Department are not consolidated.

(g) Maintenance of equipment in support of the Naval Hospital's vehicles would be maintained at the Base Motor Transport Department's main shop, Building 1502. Therefore, the facilities at the Naval Hospital presently utilized for the maintenance of motor transport vehicles could be utilized for other purposes.

(h) Reimbursement for services and common equipment provided to the Naval Hospital would be on an hourly/mileage rental rate. It is estimated the annual rental of this equipment would be approximately $7,049.00 (a slight increase over similar/present costs).

(2) Transfer common Navy vehicles/equipment to the MCB, Camp Lejeune with Headquarters, Marine Corps budgeting/programming for all costs.

(a) Under this method of consolidation, operation and maintenance requirements at the local level would be the same as are listed in paragraph 4.f.(1); only the means of funding would change.

(b) Naval Hospital would be considered as another Marine Corps Base supported unit in regard to motor transport support and would be funded for accordingly. Headquarters, Marine Corps would make funds available for local operation/maintenance of common equipment and would program for replacement of vehicles at that level. This would require an initial transfer of funds at Navy/Marine Corps headquarters level to provide for this support.

(c) This program would be the easiest to administer at the local level because reimbursement accounting would be eliminated.

(3) Naval Facilities Engineering Command assigns vehicles/equipment to MCB, Camp Lejeune and provides funds to Marine Corps for support of the

Naval Hospital transportation requirements

(a) There would be no change in the procedures presently established at the Naval Hospital; only the management of the programs would be transferred.

(b) No reduction in equipment is envisioned because only Navy vehicles/equipment would be used to support this activity, and the flexibility of operation inherent in a large fleet would be lost.

(c) This system would require that separate accounting procedures be established by Base Motor Transport Department to meet the requirements of Navy directives, thus requiring an increase in administrative personnel at MCB, Camp Lejeune.

(d) There would essentially be no saving, since the automotive mechanic would remain at the Naval Hospital for maintenance of equipment associated with maintenance functions.

(4) Naval Hospital retains Navy vehicles/equipment with MCB, Camp Lejeune providing all maintenance support

(a) Under this program, the Naval Hospital would retain operational control of all equipment and MCB Motor Transport Department would provide maintenance on a reimbursable basis. No reduction of equipment is anticipated.

(b) Since replacement of equipment would continue to be programmed by the Naval Facilities Engineering Command, reimbursement for maintenance would be on a direct cost basis, consisting of labor/materials relating to the particular equipment. Indirect costs, consisting of administrative labor and materials brought in bulk which cannot be related to a specific item of equipment, wouldhave to be absorbed by MCB, Camp

Lejeune.

(c) Naval Hospital, CLNC would continue to budget and account for maintenance in accordance with Naval Facilities Engineering Command directives. MCB Motor Transport Department would provide maintenance cost data to this activity.

(d) Since Naval Hospital, CLNC would still have to retain supervisory personnel to administer this program, the only savings in personnel would be in the maintenance area where overall reduction in personnel would be only one automotive mechanic.

(e) Since operational control of the vehicles/equipment and budgeting would remain with the Naval Hospital, the amount of maintenance that could be performed would be governed by the funds allocated.

(f) It is not recommended that this program be adopted. However, Base Motor Transport Department can provide maintenance services to the Naval Hospital, CLNC for overflow 4th echelon maintenance under the programs presently in being.

5. CONCLUSIONS. (Awaiting receipt/review of a detailed analysis of the feasibility of subject consolidation, which is being conducted by the Atlantic Division, Naval Facilities Engineering Command. References (d) through (g) apply.)

6. RECOMMENDATIONS. (Same as paragraph 5.)

J. R. Fox

J. R. FOX
LtCol, USMC
Base Motor Transport Officer

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

TO: 31 Dec 70

BASE COMPTROLLER PUBLIC WORKS O

BASE STAFF JUDGE ADVOCATE PMO

BASE MAINTENANCE O FIRE MARSHAL

BASE MOTOR TRANS O QTRS & HSG

CO BASE MAT BN BOQ/BSQ

ATTN: _____

REMARKS:

1. Attached ltr is forwarded f/action

2. Please initial, or comment, and return all papers to this office.

(3. Your file copy. *ORS Div

M.P. Bunnell
LtCol USMC

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511

TELEPHONE NO.
AUTOVON 690-7257

IN REPLY REFER TO:
09BC:HDH:mt

17 DEC 1970

From: Commander, Atlantic Division, Naval Facilities Engineering Command
To: Commanding General, Marine Corps Base, Camp Lejeune

Subj: Consolidation Study of Common Support Services in Camp Lejeune, North Carolina Area

Ref: (a) MCB ltr COA-2-mn of 23 Sep 1970
(b) NAVFAC ltr FAC-1051H/HLH:bg 11000.27 of 16 Oct 1970

Encl: (1) Feasibility Study for Consolidation of Common Support Services, MCAS (H) New River with MARCORB Camp Lejeune
(2) Feasibility Study for Consolidation of Common Support Services, NAVHOSP Camp Lejeune with MARCORB Camp Lejeune

1. Reference (a), forwarded to this Command for action by reference (b), requested that the Naval Facilities Engineering Command provide assistance to Marine Corps Base, Camp Lejeune, as the "lead activity" in the performance of the subject study. During November 1970, a field trip was conducted by representatives of this Command. Their findings and recommendations are contained in enclosures (1) and (2).

2. As requested by representatives of your command, the subject study was prepared in two parts, one for MCAS (H) New River with MARCORBASE Camp Lejeune, and the other for NAVHOSP Camp Lejeune with MARCORBASE Camp Lejeune.

3. The following is a brief summary of the enclosed studies.

a. MCAS (H) New River with MARCORBASE Camp Lejeune

(1) Scope: Facilities Maintenance, Transportation, Utilities and Family Housing.

(2) Conclusions:

(a) In Maintenance, Utilities and Transportation a net annual cost reduction of $25,900 was identified if these functions were consolidated on a reimbursable basis and $71,700 if consolidated on a full or non reimbursable basis.

(b) Potential one time savings in transportation equipment of $76,600 was identified. These savings are possible, however, without consolidation.

(c) Cost reductions of $58,000 per annum could be achieved through management actions under the existing organization. These savings are not related to consolidation.

(d) Problems involving organizational difficulties and response would be encountered under consolidation of Maintenance, Transportation, Utilities. The savings indicated above are considered marginal for a consolidation of this magnitude.

(e) The consolidation of housing functions is feasible and would result in a net cost reduction of $32,525 annually.

(3) Recommendations:

(a) Consolidation of Maintenance, Utilities and Transportation functions is feasible from a purely economic standpoint. However, no recommendation for or against consolidation was made. The commands involved should weigh economic benefits of consolidation against the effect on activity mission and impact of associated personnel actions before a decision can be made.

(b) That the Family Housing functions be consolidated.

b. NAVHOSP Camp Lejeune with MARCORBASE Camp Lejeune

(1) Scope: Facilities Maintenance, Transportation and Laundry Operations.

(2) Conclusions:

(a) No significant savings can be achieved through consolidation of Facilities Maintenance and Transportation functions.

(b) Consolidation of the two laundry operations is feasible, would result in significant one time savings and elimination of duplicate facilities.

(3) Recommendations:

(a) That the facilities Maintenance and Transportation functions not be consolidated.

(b) That the laundry operations be consolidated.

4. This Command will be available to assist in implementing the recommendations contained in this report if desired.

P. E. SEUFER

Copy to:
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NAVHOSP CAMLEJ
MCAS (H) NEW RIVER

FEASIBILITY STUDY FOR CONSOLIDATION OF

COMMON SUPPORT SERVICES

AT

MARINE CORPS AIR STATION (HELICOPTER),
NEW RIVER, JACKSONVILLE, NORTH CAROLINA

WITH

MARINE CORPS BASE, CAMP LEJEUNE,
NORTH CAROLINA

Conducted by:

Atlantic Division, Naval Facilities Engineering Command

December 1970

ENCL (1)

ATLANTIC DIVISION, NAVAL FACILITIES ENGINEERING COMMAND

PERSONNEL ON STUDY TEAM

LCDR H. D. Hale, CEC, USN	Team Leader
Mr. E. H. Richardson	Maintenance
Mr. W. R. Tarkington	Maintenance
Mr. T. B. Yates	Laundry/Utilities
Mr. R. R. Johnson	Transportation
Mr. R. Wilson	Housing

INDEX

Subj: Consolidation of MCAS (H) NEW RIVER Support Services with MARCORB CAMLEJ

Ref: (a) CMC ltr COA-2-mn of 23 Sep 1970

(b) NAVFAC ltr FAC-105 LH/HLN:bg of 16 Oct 1970

(c) MCAS CHERPT Management Assistance Office Report 39-032-69 of Dec 1969

I. SCOPE

This report is a feasibility study of consolidating real property maintenance, utilities operation, transportation maintenance and operations and housing management functions at MCAS (H) NEW RIVER with similar functions at MARCORB CAMLEJ.

II. BACKGROUND

Reference (a) requested that the Naval Facilities Engineering Command provide assistance to MARCORB CAMLEJ as the lead activity in the performance of a Consolidation Study of Common Support Services in the Camp Lejeune, North Carolina area. By reference (b), LANTDIV was tasked with the performance of the study.

III. BASIC APPROACH

In view of the relatively short time frame suggested by reference (a), a decision was made to accept the workload requirements at MCAS (H) NEW RIVER identified by reference (c) conducted in December 1969. This study was used for the purpose of determining if any potential savings existed in the productive work force assigned to the Public Works Department MCAS (H) NEW RIVER.

The results of reference (c) indicated a total requirement in the Public Works Department, MCAS (H) NEW RIVER, including housing and BOQ functions, was 230 personnel. The on-board count as of 20 November 1970 was 127. From this, it was concluded that no cost reductions could be realized in the productive areas due to the critical understaffing situation that now exists. It was therefore decided that the major efforts of this study would be directed toward overhead functions. The various alternatives considered in this approach were:

230
127
103

A. Reimbursable - all maintenance, utilities and transportation functions to be accomplished by MARCORB CAMLEJ forces on a reimbursable basis. Establishment of a Staff Civil Engineer's Office at MCAS (H) NEW RIVER to provide activity planning, engineering, work control and facilities resource management services. Plant account and funds would remain with MCAS (H) NEW RIVER.

B. Non-reimbursable - full consolidation of all real property, personnel, funds and functions at MARCORB CAMLEJ.

C. Reimbursable - select functions - accomplishment of select common support services at MCAS (H) NEW RIVER by MARCORB CAMLEJ forces on a reimbursable basis.

D. Status Quo - no change from the current method of operation.

IV. INFLUENCING FACTORS

The following data briefly summarizes data pertinent to both activities to assist the reader in determining the relative size of the activities involved.

		MARCORB CAMLEJ BMO	MCAS(H)NEW RIVER PW
		Civilians on-board	Civilians on-board
Personnel	FY 1968	853	137
	FY 1969	844	133
	FY 1970	810	127
$ M1/R1	FY 1971	$4,326,000	$427,000

	MARCORB CAMLEJ	MCAS(H)NEW RIVER
Plant account CPV (includes housing)	$450,000,000	$57,000,000
Family Housing Units	4,733	435
Transportation Equipment (#)	1,545	237

Organization charts for Base Maintenance, MARCORB CAMLEJ and the Maintenance Division in MCAS (H) NEW RIVER are attached as Appendices C and D.

V. ASSUMPTIONS

A. That the purpose of the Consolidation Study of Maintenance, Utilities and Transportation Support Services in the Camp Lejeune, North Carolina area is to identify savings to the government which would result from partial or full consolidation of these services based on the current level of operations.

B. Although prior studies have identified personnel requirements at some of the subject activities to be greater than the current on-board strength, these increased requirements, however valid, cannot be considered in this study. Any savings identified as a result of this study must accrue based on current conditions and must result in a reduction from the current level of staffing

with a corresponding reduction of funds, while continuing to maintain the government's investment at the current level.

C. The current productive workload at each activity is at least sufficient to justify the current on-board strength.

D. Current shop labor performance and productivity of all personnel at MARCORB CAMLEJ and MCAS (H) NEW RIVER is within an acceptable range.

E. No savings will result from vacated shop or administrative areas unless the availability of subject space will:

1. Result in the cancellation of an existing project.

2. Result in the demolition of existing facilities of similar type and equal level of maintenance classification.

F. Personnel costs used in this study to determine possible savings have been derived as follows:

1. Military rates - as provided in Volume 3 of the NAVCOMPT Manual (cost to government).

2. MCAS (H) NEW RIVER - civilians - basic rates provided by MCAS (H) NEW RIVER, 29% acceleration and a productive man year of 1,754 manhours.

G. Grade levels used in staffing the Staff Civil Engineer's Office are based on comparable levels of effort at comparable activities; however, it must be stated that the indicated levels must be formally reviewed and validated by wage and classification personnel.

VI. ALTERNATIVES CONSIDERED

A. Alternative No. 1 - Reimbursable

Under this proposal Maintenance, Utilities and Transportation functions would be consolidated under MARCORB CAMLEJ and accomplished by MARCORB CAMLEJ shop forces on a reimbursable basis. MCAS (H) NEW RIVER would retain custody of all plant account, transportation equipment and associated funds. For a summary of the changes involved with this alternative see Appendix A. As shown on Appendix A, identifiable cost reductions of $40,321 would be possible if this alternative were accepted. The following paragraphs explain the proposed organizational changes reflected in Appendix A.

1. Functions to Remain Under Commanding Officer, MCAS (H) NEW RIVER

a. Maintenance/Administrative Functions under Commanding Officer, MCAS (H) NEW RIVER

Since facilities management funds remain under the control of MCAS (H) NEW RIVER, this alternative does not change the command's responsibility for identifying its total facilities requirements, developing facilities management budgets and plans based on these requirements and for the execution of these plans. The function of the Staff Civil Engineer's Office under the Commanding Officer, MCAS (H) NEW RIVER and located at MCAS (H) NEW RIVER is to carry out command responsibility in the management of funds, facilities and material provided to MCAS (H) NEW RIVER

for public works support. The approval and programming of all work requirements and the authorization to expend funds rest with the command through the Staff Civil Engineer who will weigh the total requirement against total resources and total mission, establish priorities and assure effective utilization of all available resources. The seven Staff Civil Engineer personnel listed in Appendix A are considered the minimum required to perform this function. The station property branch would remain intact to administer the station property control program for Classes I through IV Property as presently established.

b. Utilities Functions to Remain Under Commanding Officer, MCAS (H) NEW RIVER

All personnel in the Utilities Branch would be assigned to MARCORB CAMLEJ. MCAS (H) NEW RIVER would continue to budget for all utilities maintenance and operations, reimbursing MARCORB CAMLEJ for services received. Although not shown on Appendix A, telephone operations would remain under the Commanding Officer, MCAS (H) NEW RIVER.

c. Transportation Functions to Remain Under MCAS (H) NEW RIVER

MCAS (H) NEW RIVER would retain custody of all transportation equipment and would be responsible for budgeting and all associated management reporting to higher authority. The GS-7 Transportation Specialist was left in the Staff Civil Engineer Organization to assist with budgeting, reporting and monitoring reimbursements.

2. Functions to be Transferred to MARCORB CAMLEJ but Located at MCAS (H) NEW RIVER

a. Maintenance/Administrative Functions Under MARCORB CAMLEJ Located at MCAS (H) NEW RIVER

(1) A Maintenance and Repair Annex of MARCORB CAMLEJ comprised of 31 Tradesmen, 3 Foremen and 1 General Foreman I would be established at MCAS (H) NEW RIVER. Under consolidation it would be both impractical and uneconomical to relocate to MARCORB CAMLEJ personnel performing emergency/service, highly repetitive standing job order functions (preventive maintenance, grounds maintenance, etc.) and minor job orders due to the additional travel and lost productive efforts.

(2) This work force would receive minimal administrative, clerical, work reception, shop planning and scheduling and emergency work dispatching support from one Maintenance Staff Assistant and one clerk typist.

b. Utilities Functions Transferred to MARCORB CAMLEJ Located at MCAS (H) NEW RIVER

The utility plant operators, steam, water and sewage, would be assigned to MARCORB CAMLEJ and report to the appropriate roving utility supervisors now at MARCORB CAMLEJ.

c. Transportation Functions Transferred to MARCORB CAMLEJ

(1) The basic problem encountered with consolidation of MCAS (H) NEW RIVER transportation with MARCORB CAMLEJ

is that all 237 pieces now maintained by the one MCAS (H) NEW RIVER Transportation Division would be split as follows to comply with the standard Marine organization.

	MCAS (H)	MARCORB
(a) Common to MARCORB CAMLEJ Motor Transportation Department	149	1,405
(b) Common to MARCORB CAMLEJ Base Maint.	49	140
(c) Not common to any MARCORB CAMLEJ (NAVAIRSUPCOM equip.)	39	-0-
TOTAL PIECES	237	1,545

(2) Both Motor Transportation and Base Maintenanance would have to establish sub-pools at MCAS (H) NEW RIVER with maintenance capabilities to avoid lost time and associated expense of transporting equipment 17 miles to MARCORB CAMLEJ for routine/minor maintenance.

(3) Appendix F shows that all seven mechanics on board are required and under which organization they would be assigned in the event of consolidation.

Motor Transportation Dept.	3
Base Maintenance Office	4
TOTAL	7 Mechanics

(4) The 54 men listed in Appendix A under MARCORB CAMLEJ located at MCAS (H) NEW RIVER would be assigned as follows:

(a) Under Base Motor Transportation Department

1 - CAPT USMC - in charge of Motor Transportation sub-pool.

1 - Supply clerk - assist in parts procurement and general clerical duties.

1 - Foreman (ldg) - supervise mechanics and civilian drivers.

3 - Mechanics.

17 - Truck drivers.

22 - Enlisted drivers/dispatchers.

45 SUB-TOTAL under Motor Transportation

(b) Under Base Maintenance Officer

3 - Mechanics with one as leader.

4 - Truck drivers for garbage/trash.

2 - Equipment operators - street/runway sweeping.

9 SUB-TOTAL under Base Maintenance (all under General Foreman I)

54 GRAND TOTAL remaining at MCAS (H) NEW RIVER

(5) Under consolidation, major overhauls would be performed in the shops at MARCORB CAMLEJ, During FY 1970, 19 such overhauls were identified. The additional costs of performing these overhauls at MARCORB CAMLEJ i.e, transporting, lost time, etc, is less than $1,000 and is not a major factor. Transportation equipment

maintenance response time should remain essentially the same at MCAS (H) NEW RIVER since six of the seven mechanics would remain on-board.

3. Functions to be Transferred Under the Commanding General to be Located at MARCORB CAMLEJ

a. Maintenance/Administrative Functions Transferred to MARCORB CAMLEJ.

(1) Trade Branches

Specific type work requirements equating to approximately 9 man years will be controlled, scheduled and accomplished by Trade Branches of the Maintenance and Repair Division MARCORB CAMLEJ. The necessary staffing to support this effort will be provided by nine tradesmen transferred from MCAS (H) NEW RIVER to MARCORB CAMLEJ.

(2) Maintenance and Repair Division Work Management Branch

OPNAVINST 5310.5A indicates approximately 8 personnel are necessary to provide adequate shop planning support at MARCORB CAMLEJ. Currently 4 personnel are employed in this discipline. Staffing support to assist in alleviating this apparent deficiency will be provided by 2 shop planners from MCAS (H) NEW RIVER.

(3) Operations Division

Annual Controlled Inspections and Planning and Estimating Services required by MCAS (H) NEW RIVER will be provided by MARCORB CAMLEJ. These services equate to approximately

15 Jan 71

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

TO:

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BASE STAFF JUDGE ADVOCATE	PMO
BASE MAINTENANCE O	FIRE MARSHAL
BASE MOTOR TRANS O	QTRS & HSG
CO BASE MAT BN	BOQ/BSQ

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4 man years of effort as reflected on Appendix E. Appendix E also reflects an apparent understaffing condition within the Planner and Estimator and Inspection Branches of the Operations Division of MARCORB CAMLEJ. Staffing support to assist in alleviating this apparent deficiency will be provided by 4 planner and estimators/inspectors from MCAS (H) NEW RIVER. In addition, Maintenance Management Program Support functions of workload identification, planning and execution will be assumed by MARCORB CAMLEJ. Staffing to assist in supporting this function will be provided by one Clerk-Typist from MCAS (H) NEW RIVER.

(4) Administrative Division

Administrative support associated with Base Maintenance supply procurement, personnel records and actions, timekeeping, and Resource Management Report requirements will be provided by two supply and clerical type personnel from MCAS (H) NEW RIVER.

b. Utilities Functions Transferred to MARCORB CAMLEJ

The roving utilities supervisors now at MARCORB CAMLEJ would assume responsibility for operators at MCAS (H) NEW RIVER utility plants.

c. Transportation Functions Transferred to MARCORB CAMLEJ

One mechanic would be transferred to Camp Lejeune to perform major overhauls formerly performed at MCAS (H) NEW RIVER.

4. Cost reductions from consolidation - comments on.

a. Under this proposal, annual reductions approximating $40,300 could be effected as a result of direct personnel savings.

However, additional indirect costs directly attributable to consolidation on a reimbursable basis will be encountered as a result of accepting this alternative. These costs include:

(1) Severance pay, save pay and administrative personnel action costs. One time costs associated with consolidation must be considered within the overall economies of the study. These costs must be determined by wage and classification personnel and included as a consideration prior to any decision for consolidation.

(2) Shop productive manhours lost as a result of increased travel requirements. Costs approximating $10,900 will be incurred annually. These costs will result from the lost productive time applicable to only those productive workers currently on-board traveling greater distances to the job site. This cost is exclusive of any transportation driver requirements.

(3) Planner and estimator/Inspector productive manhours lost as a result of increased travel requirements. Costs approximating $3,500 will be incurred annually. This cost is a result of productive planner and estimator/inspector time lost while traveling greater distances to accomplish scheduled control inspections and to visit job sites on an as-required basis to properly plan and estimate specific job orders.

(4) Future cost considerations pertaining to lost productive manhours. Future additions to the productive work force of MARCORB CAMLEJ which are based on increasing workloads at MCAS (H) NEW RIVER will in all probability be justified on new requirements or backlog reduction. Under this proposal the major portion of this staff

would be based at MARCORB CAMLEJ and their workloads controlled via specific job orders. For each future productive worker added for the purpose of accomplishing specific type maintenance, approximately 11% of the productive worker's time will be lost as a result of the added travel requirements. To illustrate, an increase of 10 personnel to accomplish specific type work would be equivalent to only 8.9 personnel resulting in a loss of 1.1 personnel or approximately $10,400.

(5) Other than the monetary savings identified for transportation under this concept, there are no significant advantages to this alternative. There will be a loss of flexibility and thus a loss of efficiency by splitting the existing organization into two parts. There will also be an increase in paperwork to handle the reimbursements.

(6) Net identifiable reductions in cost, Alternative No. 1.

(a) The net effect of accepting Alternative No. 1 would result in an identifiable annual savings to the Government of $25,900. Of this a $3,600 loss would result from a consolidation of the maintenance function and a $29,500 savings would be attributable to the utilities and transportation function. This savings would be further reduced by amounts determined as applicable to paragraphs VI4a(1) and VI4a(4) above.

B. Alternative No. 2 - Full Consolidation

Under this alternative there would be full consolidation of all real property, utilities and transportation functions on a non-reimbursable basis. A summary of the changes for this alternative is shown in Appendix B. As shown in Appendix B, identifiable cost reductions of $88,108 would be possible if this alternative were accepted. The following paragraphs explain the proposed organizational changes reflected in Appendix B.

1. Functions Remaining Under the Commanding Officer, MCAS (H) NEW RIVER Located at MCAS (H) NEW RIVER

Under this proposal all real property, personnel, transportation equipment and functions would be consolidated at MARCORB CAMLEJ including a transfer of resources from MCAS (H) NEW RIVER to MARCORB CAMLEJ. Total responsibility for planning, budgeting, engineering, maintenance, etc., would become the responsibility of MARCORB CAMLEJ.

2. Functions Transferred to MARCORB CAMLEJ but Located at MCAS (H) NEW RIVER

a. Maintenance/Administrative Functions

Responsibility for the maintenance and operation of all Real Property facilities would be totally assumed by MARCORB CAMLEJ. A Maintenance and Repair Annex of MARCORB CAMLEJ comprised of 31 Tradesmen, 3 Foremen and 1 General Foreman I would be established at MCAS (H) NEW RIVER. Under consolidation it would be both impractical and uneconomical to relocate to MARCORB CAMLEJ personnel performing

emergency/service, highly repetitive standing job order functions (preventive maintenance, grounds maintenance, etc.) and minor job orders due to the additional travel and lost productive effort. This work force would receive minimal administrative, clerical, work reception, shop planning and scheduling and emergency work dispatching support from one Maintenance Staff Assistant and one Clerk-Typist. Specific type maintenance work (over 40 manhours) will be planned, estimated, scheduled and accomplished by personnel assigned to parent shops at MARCORB CAMLEJ.

b. Utilities Functions Transferred to MARCORB CAMLEJ Located at MCAS (H) NEW RIVER

The utility plant operators, steam, water, and sewage would be assigned to MARCORB CAMLEJ and report to the appropriate roving supervisors now at MARCORB CAMLEJ.

c. Transportation Functions Transferred to MARCORB CAMLEJ Located at MCAS (H) NEW RIVER

(1) Under this alternative, all but 39 items of support equipment not common to the Marine Corps would be transferred to MARCORB CAMLEJ. MCAS (H) NEW RIVER would therefore continue to be responsible for budgeting and associated management reports for these items. Maintenance for five of the 39 items would be performed by MARCORB CAMLEJ on a reimbursable basis. The remaining 34 items would continue to be maintained by MCAS (H) NEW RIVER Aircraft Maintenance Department.

(2) As shown on Appendix B, the staffing proposed is essentially the same as that proposed under Alternative No. 1.

3. Functions Transferred to MARCORB CAMLEJ Located at MARCORB CAMLEJ

a. The basic difference between alternative number two and alternative one is elimination of the Staff Civil Engineer function under the Commanding Officer, MCAS (H) NEW RIVER. The necessary planning, engineering, work approval and control functions formerly provided by this staff would be accomplished by the Public Works organization or Operations Division, MARCORB CAMLEJ with a corresponding transfer of personnel as reflected on Appendix B. The LT, CEC, would be transferred to Public Works as would the General Engineer and Engineering Technician Draftsman. The remaining Staff Civil Engineer's organization would not be required since a separate work control and resource management function would not be required at MCAS (H) NEW RIVER.

4. Cost Reductions from Full Consolidation - Comments on

a. One time savings

(1) One time savings could be achieved under Alternative No. 2 through the consolidation of transportation equipment. Most of the one time savings in equipment would fall under the heavy equipment category that has relatively low usage. Examples at MCAS (H) NEW RIVER that could possibly be saved are:

TYPE	REPLACEMENT VALUE
1 Crane	$37,900
1 Motor Grader	13,100
1 Roller, Tandem	5,500
1 Tractor, Crawler	20,100
TOTAL	$76,600

(2) The above-listed savings are considered minimal. Following actual consolidation, should a decision to this effect be made, further savings are possible; however, the amount cannot be identified pending a final determination of transportation requirements and availability.

b. Gross recurring annual cost reductions

(1) Under Alternative No. 2 annual reductions in cost approximating $88,100 could be effected resulting from direct personnel savings as reflected in Appendix B. However, additional indirect identifiable costs directly attributable to full consolidation will be encountered as a result of accepting Alternative No. 2. These costs include:

(a) Severance pay, save pay and administrative personnel action costs. One time costs associated with consolidation must be considered within the overall economies of the study. These costs must be determined by wage and classification personnel and included as a consideration prior to any decision for consolidation.

(b) Shop productive manhours lost as a result of increased travel requirements. Additional costs approximating $10,900 will be incurred annually. These costs will result from the lost productive time applicable to only those productive workers currently on-board traveling greater distances to the job site. This cost is exclusive of any transportation driver requirements.

(c) Planner and estimator/inspector productive manhours lost as a result of increased travel requirements. Additional costs approximating $3,500 will be incurred annually. These costs are a result of productive planner and estimator/inspector time lost while traveling greater distances to accomplish scheduled control inspections and to visit job sites on an as-required basis to properly plan and estimate specific job orders.

(d) Future cost considerations pertaining to lost productive manhours. Future additions to the productive work force of MARCORB CAMLEJ which are based on increasing workloads at MCAS (H) NEW RIVER will in all probability be justified on new requirements or backlog reduction. Under this proposal the major portion of this staff would be based at MARCORB CAMLEJ and their workloads controlled via specific job orders. For each future productive worker added for the purpose of accomplishing specific type maintenance, approximately 11% of the productive worker's time will be lost as a direct result of the added travel requirements.

To illustrate, an increase of 10 personnel to accomplish specific type work would be equivalent to 8.9 personnel, a loss of 1.1 personnel or approximately $10,400.

(e) Engineering and planning manhours lost as a result of increased travel requirements. Additional costs approximating $2,000 will be incurred annually. These costs result from the lost productive time of engineering type personnel traveling greater distances to perform planning and engineering functions at MCAS (H) NEW RIVER.

(f) Net identifiable reductions in cost, Alternative No. 2. The net effect of accepting Alternative No. 2 would result in an identifiable cost reduction of $71,700. This amount would be reduced by costs determined as applicable to paragraphs VIB4b(1)(a) and VIB4b(1)(d) above.

C. Alternative No. 3

An investigation of select common support services including Refuse and Garbage collection, Grounds Maintenance and Insect Vector Control was made to see if accomplishment by MARCORB CAMLEJ on a reimbursable basis was feasible. No savings could be identified which were a direct result related to the total consolidation of these services at MARCORB CAMLEJ.

D. Alternative No. 4

Status Quo. No change from the current method of operation.

VII. POTENTIAL SAVINGS OR IMPROVED SERVICES NOT RELATED TO THE CONSOLIDATION STUDY

A. Refuse and Garbage Collection Disposal $28,000

Observatión of the current mode of operations at MARCORB CAMLEJ and MCAS (H) NEW RIVER indicate that substantial recurring savings may be effected through a modernization of existing equipment. Acquisition of new dumpmaster type equipment would generate savings approximating $20,000 per annum at MARCORB CAMLEJ and $8,000 per annum at MCAS (H) NEW RIVER. Additional savings of equal or greater proportions may be effected by rescheduling and reprogramming current workloads; however, the total amount of savings cannot be specifically determined without a comprehensive analysis of current operations at MARCORB CAMLEJ and MCAS (H) NEW RIVER.

B. Combined emergency/service work center - MCAS (H) NEW RIVER, Camp Geiger and Camp Geiger Trailer Park $10,700

Camp Geiger is currently staffed with one Foreman and 10 productive emergency/service personnel. Camp Geiger Trailer Park is currently staffed with one leader and six productive personnel. MCAS (H) NEW RIVER is currently staffed with 14 productive personnel reporting to the Foreman responsible for emergency/service and general services trade areas. A potential savings of $12,900 in supervisory costs may be effected by combining the work areas of Camp Geiger and Camp Geiger Trailer Park under the supervisory direction of the emergency work center at MCAS (H)

NEW RIVER. A further potential increase of 0.5 productive man years may be achieved by converting the leader position at Camp Geiger Trailer Park to a full productive position. Personnel currently assigned to these areas would be consolidated at MCAS (H) NEW RIVER. Responsiveness would be maintained through the utilization of radio equipped emergency/service trucks dispatched from MCAS (H) NEW RIVER. All work would be accomplished by and reimbursable to MCAS (H) NEW RIVER. A portion of the $12,900 savings would be partially offset by increased travel costs estimated to be $2,200 per annum.

C. MCAS (H) NEW RIVER General Foreman II Position $14,600

The Maintenance and Utilities Branches are currently organized under a General Foreman II who serves as a director of both branches (Maintenance/Utilities Division). The Utilities Branch is currently staffed with one Foreman. The Maintenance Branch is staffed with three Foremen supervising four trade areas who report to one General Foreman I. The total civilian staffing positions allowed within the Maintenance/Utilities Division is 73 including three vacancies and one temporary. Guidelines contained in NAVEXOS P-1005-571 (12/59), "Definition of Civilian Ungraded Ratings", and NAVFAC staffing guidelines indicate that the current organization is not of sufficient size and complexity nor does it provide the span of control necessary to support the existing General Foreman II position. A General Foreman I position at the Maintenance Branch level is not warranted for the same reason. A maximum of one

General Foreman I position is considered necessary to provide the required supervision. The abolishment of one General Foreman II position at the Maintenance/Utilities Division level and the abolishment of one General Foreman I position at the Maintenance Branch level is considered in order. The re-establishment of a General Foreman I position at the Maintenance/Utilities Division level is considered justified. A savings approximating $14,600 per annum would result from this action.

D. Custodial Service - MCAS (H) NEW RIVER $4,700

Custodial service within the Public Works Department MCAS (H) NEW RIVER is currently provided by one laborer cleaner. This custodial workload requirement can probably be included within the existing BOQ custodial service contract without an increase in contract price by amending the current contract to reduce the frequency of selected services.

VIII. RESPONSIVENESS.

A. Under Alternatives Nos. 1 and 2 response to commands and customers is not expected to be effected with respect to emergency/service and normal repetitive standing job order type effort. However, under either alternative the response for accomplishment of specific type work at MCAS (H) NEW RIVER is expected to decline from 70 days to approximately 90 days in accordance with the current average response at both activities for this type work.

B. Under Alternatives Nos. 1 and 2 the response time for repairs to transportation equipment at MCAS (H) NEW RIVER should not change significantly from that currently experienced because six of the seven mechanics now on board would remain. Only one mechanic would be relocated to Camp Lejeune to perform major overhauls.

IX. CONCLUSION

A. It is concluded that:

1. Net identifiable cost reductions of $25,900 will result from the acceptance of Alternative No. 1.

2. Net identifiable cost reductions of $71,700 will result from the acceptance of Alternative No. 2.

3. An unidentifiable amount of unknown costs will accrue as a result of either Alternatives No. 1 or No. 2 and that these costs include costs applicable to personnel actions, severance and save pay, as well as future lost productive time for new hires as identified previously in this report and that these costs must be determined and considered prior to any decision regarding consolidation.

4. Minimum potential one time savings of transportation equipment of $76,600 could be realized if Alternative No. 2 were accepted. However, identical savings could now be achieved through an effective intra-service support agreement between MARCORB CAMLEJ and MCAS (H) NEW RIVER without consolidation.

5. No savings will accrue as a direct result of consolidating selected functions, e.g., Refuse and Garbage Collection and Disposal, Insect and Vector Control and Grounds Maintenance.

6. Potential savings to the government approximating $58,000 per annum can be achieved by management actions, at the respective activities which are not related to consolidation. Potential areas of savings include:

a. Transfer of the emergency/service function (Geiger area to MCAS (H) NEW RIVER). $10,700

b. MCAS (H) NEW RIVER General Foreman II position. $14,600

c. Refuse and Garbage Collection $28,000

d. MCAS (H) NEW RIVER Custodial $ 4,700

X. RECOMMENDATIONS

A. It is recommended that:

1. Either alternative No. 1 or No. 2 should be considered acceptable if it is determined by the commands involved that the ability of MCAS (H) New River to perform its mission will not be significantly reduced and that the costs of severance pay and save pay associated with the suggested personnel changes do not reduce identified savings to an unacceptable limit.

2. The Marine Corps Air Station (H), New River and Marine Corps Base, Camp Lejeune undertake a program for modernizing its Refuse and Garbage Collection System, replacing existing Dempster Dumpster type equipment with dumpmaster type equipment.

3. The Marine Corps Air Station (H), New River and Marine Corps Base, Camp Lejeune review the current method of scheduling and programming Refuse Collection and Disposal Equipment to determine if potential savings can be realized through improved scheduling of equipment and manpower.

4. The Marine Corps Air Station (H), New River abolish the General Foreman II Maintenance/Utilities Division Director position, the General Foreman I Maintenance Branch Head position and re-establish a General Foreman I position at the Maintenance/Utilities Division level.

5. The Marine Corps Base, Camp Lejeune consider the dis-establishment of individual emergency/service work centers at Camp

Geiger Trailer Park and procure the required service from the Public Works Department, MCAS (H) New River on a reimbursable basis. A transfer of 16 ceiling points will be in order. MCAS (H) New River would supply the service on a reimbursable basis consummated by an appropriate intra-service support agreement.

6. Highly specialized trade skills and equipment available currently at MCAS (H) New River and MARCORB CAMLEJ should be made mutually available to each command on a reimbursable basis through the establishment of an appropriate intra-service agreement.

7. The Marine Corps Air Station, New River abolish one laborer Cleaner position, include the current Public Works Department custodial workload in the BOQ custodial contract and amend the existing contract to include the Public Works Department custodial workload.

FAMILY HOUSING CONSOLIDATION STUDY

AT

MARINE CORPS BASE, CAMP LEJEUNE,
NORTH CAROLINA

AND

MARINE CORPS AIR STATION (HELICOPTER),
NEW RIVER, JACKSONVILLE, NORTH CAROLINA

FAMILY HOUSING CONSOLIDATION STUDY
AT MCB CAMLEJ AND MCAS(H) NEW RIVER

1. Objective. To determine the feasibility of consolidating family housing administrative functions at MCAS(H) New River with Quarters and Housing Department, U. S. Marine Corps Base, Camp Lejeune.

2. Purpose

a. Determination of dollar savings, personnel and administrative workload reductions are the prime considerations in consolidation of family housing management functions.

b. Overall morale of military sponsors and their families is another factor that must be considered in any family housing consolidation of administration functions.

3. Findings

a. Financial Management Support. MCB CAMLEJ and MCAS(H) New River, are under the management control of and financially supported by Headquarters, Marine Corps (Code COA-3). MCB receives funds direct from headquarters while MCAS(H) receives housing funds via COMCABEAST CHERPT.

b. Family Housing Mission. MCB and MCAS(H) have separate Housing Administration and Housing Referral Offices. The overall mission of each is to provide on-base housing for military personnel assigned to the respective command as well as community support through

Housing Referral Offices. MCAS(H) provides no on-base housing for ineligibles. MCB provides on-base housing (inadequate housing) for ineligibles stationed at MCAS(H) and MCB. MCB also provides trailer spaces for personnel assigned to MCAS(H).

c. Assets

(1) Quarters (period ending 30 Sep 1970)

Type	MCB	MCAS(H)	Total
OPQ's - Officer	424	0	424
Capehart - Officer	123	110	233
Capehart - Eligible Enlisted	677	325	1002
Wherry - Officer	346	0	346
Wherry - Eligible Enlisted	1505	0	1505
Lanham Inadequate	700*	0	700
Inadequate (Trailers)	733*	0	712
Trailer Sites	225	0	225
Total Units	4733	435	5168

*Includes 162 ineligible personnel assigned to MCAS(H)

(2) Furniture

MCB - No. items:	55,159	Value:	$ 2,376,900
MCAS(H) - No. items:	11,000	Value:	400,100
Total - No. items:	66,159	Value:	$ 2,777,000

(3) Equipment

MCB - Value:	$ 1,084,200
MCAS(H) - Value:	113,500
Total Value:	$ 1,197,700

(4) Warehouses

MCB: Building 1501
MCAS(H): Bldgs. 812 and 813

d. Organization and Staffing

(1) The organization and staffing charts of MCB and MCAS(H) are attached on pages 40 and 41, respectively. A breakout of administrative, maintenance, fiscal, furniture and HRO personnel currently on-board is as follows:

	MCB	*MCAS(H)	Total
Administrative	21	3	24
Maintenance	3	0	3
Fiscal	2	0	2
Furniture	15	1	16
HRO	2	1	3
Total	43	*5	48

*Excludes BOQ personnel at MCAS(H)

(2) The ratio of administrative personnel to number of units is:

MCB: 1 person per 225 units
MCAS(H): 1 person per 115 units

(3) Due to the wide dispersion of housing units at MCB and to allow flexibility of housing personnel, 10 to 12 Housing Managers and/or Inspectors are utilized on a "roving" basis in particular areas of the Base to make check-in, check-out and pre-vacancy inspections. These personnel are dispatched by radio to any housing unit in their area where inspections must be made. At MCAS(H) the check-in and check-out inspections are made by the Housing Manager located in the Housing Division. The pre-vacancy inspections are conducted by an Inspector located in MCD, PWD

and supplemented by the Navy Chief assigned for HRO and the Housing Manager, GS-9.

e. Waiting List (As of 30 Sep 1970)

Housing Type	MCB CAMLEJ Off.	MCB CAMLEJ Eligible E/M	MCB CAMLEJ Ineligible E/M	MCAS(H) NEW RIVER Off.	MCAS(H) NEW RIVER Eligible E/M	MCAS(H) NEW RIVER Ineligible E/M
Wherry	27	115	0	-	-	-
Capehart	34	134	0	46	65	0
OPQ	62	0	0	-	-	-
Inadequate Qtrs.	0	0	336	-	-	-
Trailers	0	0	38	-	-	-
Trailer Sites	1	3	0	-	-	-
Totals	124	252	374	46	65	0

Waiting Periods. Approximate monthly waiting times for housing at MCB and MCAS(H) are as follows:

Housing Type	MCB CAMLEJ Officer	MCB CAMLEJ Eligible EM	MCB CAMLEJ Ineligible EM
Wherry	1-3 mos.	1-3 mos.	NA
Capehart	6-10 mos.	3-6 mos.	NA
OPQ's	5-10 mos.	NA	NA
Inadequate	NA	NA	3-4 mos.
Trailers	1-2 mos.	1-2 mos.	1-2 mos.
		MCAS(H) NEW RIVER	
Capehart	10-12 mos.	15-18 mos.	NA

f. Community Support Housing. MCB and MCAS(H) both derive their community support housing from the Jacksonville-Onslow County area. Housing referral function is administered by MCB in coordination with MCAS(H).

g. Reports, Record Keeping and Family Housing Surveys. All recurring reports and management records required by higher authority are accomplished separately by MCB and MCAS(H). Family housing surveys and special reports dealing with community support housing are prepared by MCB with MCAS(H) providing assistance.

h. Rules and Regulations. Regulations, printed occupant handbooks and related administrative matters pertaining to family housing are produced separately by MCB and MCAS(H), and are similar in nature and content.

i. Housing Boards. Both MCB and MCAS(H) have established separate Housing Boards to recommend command action on special housing requests.

j. Supply and Operating Service Support

(1) MCB family housing is supported by Base Material Battalion, with most direct organic supply coming through Shop Stores. MCAS(H) services are provided by MCAS(H), Supply Department.

(2) Service and maintenance contracts are shown below:

Contract	MCB	MCAS(H)
Refuse & Garbage*	$1.98 per unit month	$3.50 per unit month
Oil	Fuel supplied by Stock Fund Account @ .12 per gal and delivered by contractor at .012 per gal. Delivered and supplied by contractor at Knox @ .146 per gal	Delivered and supplied by contractor @ .13 per gal

*Cost difference due largely to different can pick-up location at MARCORB CAMLEJ from MCAS (H) NEW RIVER.

(3) MCB contracts interior and exterior painting, street and sidewalk repair, porch replacement, replacement of heating units, termite treatment and floor refinishing. MCAS(H) contracts only when the Public Works Department cannot accomplish the work. MCAS(H) schedules exterior painting in increments with contract for work that station forces cannot accomplish. MCAS(H) does have a contract for termite treatment and replacement of heating units.

k. Logistics

(1) Long and short-range planning for family housing maintenance and improvements for MCB is provided by the Director, Quarters and Housing supported by Base Maintenance Department and the Public Works Department under the cognizance of the Assistant Chief of Staff, Facilities.

(2) At MCAS(H) these functions are performed by the Maintenance Control Division of the Public Works Department.

l. Maintenance Support

(1) MCB Maintenance Officer supplies maintenance support requested by the Director, Quarters and Housing who initiates work requests, standing job orders and specific job orders to cover essential required maintenance. Contract maintenance is provided as required by the Public Works Department, MCB.

(2) At MCAS(H) these functions are performed by MCAS(H) station forces assigned to the Public Works Department or by the Engineering Division of the same department, as appropriate.

m. Fiscal Support

(1) MCB Quarters and Housing operates as a planning estimate holder for all family housing funds under the cognizance of the Base Comptroller who supplies accounting and budgetary support.

(2) At MCAS(H) fiscal support is provided by the Comptroller who is in turn responsible to the Comptroller, COMCABEAST.

(3) FY71 Budget:

	Budget	MCB	MCAS(H)	Total
10	Project 11 Oper.	$1,720,425	$204,140	$1,924,565
16	Project 12 Furn.	130,240	8,200	111,440
20	Project 21 Maint.	1,729,000	337,451	2,066,451
	Total	$3,552,665 (87%)	$549,791 (13%)	$4,102,456

PUPY costs of similar housing.

n. Geographical Considerations

(1) MCB maintains and operates 377 trailers in the Camp Geiger area just outside the confines of MCAS(H).

(2) MCB provides family housing support to organizational units at Camp Geiger which adjoins MCAS. The organizations include MCB units as well as FMF units.

(3) Distances from MCB Housing Office to various housing areas are as follows:

Housing Area	Distance	No. Units
MCAS(H)	10 mi.	435
Camp Geiger Trailers	10 mi.	377
Knox Trailers & Spaces	1½ mi.	568
Midway Inadequate	2½ mi.	700
Paradise Point	7 mi.	400
NAVHOSP CAMLEJ	9 mi.	24
Capehart Housing	5 mi.	800
Rifle Range	20 mi.	5
Courthouse Bay	25 mi.	8
Wherry Housing	0	1851
Total	-	5168

4. Conclusions. A review of findings, facts, on-site observations and discussions with MCB and MCAS(H) management personnel the following conclusions are made:

a. All housing administration functions including HRO at MCAS(H) can be consolidated with the Housing Department, MCB, without additional personnel requirements for MCB.

b. The cost of three civilian personnel and fringe benefits plus the cost of office supplies and services amounting to a total of approximately $24,670 can be saved if consolidation were made. In addition, one military billet for HRO costing an estimated $10,255 can be abolished. Offsetting this cost savings would be an additional estimated cost of $2,400 for labor and vehicle usage for overhead resulting from travel distance between the MCB furniture warehouse and the MCAS(H) housing. Total cost savings amount to an estimated $32,525. This savings does not include a new position for HRO recently approved by CMC for MCB. Projected savings through consolidation are summarized below:

Estimated Savings Resulting from Consolidation of
MCAS(H) Housing Administration with MCB
(as of 20 Nov 1970)

Item/Position	MCAS(H) Cost	MCB Cost	Net Savings	Remarks
1 Hsg.Mgr.GS-9	$11,130	$ -	$11,130	Abolish position
1 Clerk GS-4	6,805	-	6,805	" "
1 Clk-Typist, GS-3	6,060	-	6,060	" "
Ofc.Supplies	675	-	675	No add'l cost
1 Military-HRO	10,255	-	10,255	Abolish position
1 Warehouseman	6,598	6,598	0	Retain at MCAS(H)
Add'l cost for vehicle	-	2,400	(2,400)	See Note (1)
TOTALS	$41,523	$8,998	$32,525	

Note (1) Cost estimate based on (2 men per trip x $1\frac{1}{4}$ hours per man per trip x 300 trips per year x $2.50 per hour per man) = $1,875 plus ($1\frac{1}{4}$ hours vehicle usage per trip x 300 trips per year x $1.34 per hour vehicle usage) = $503 = Total $2,378 (say $2,400)

c. MCB management personnel indicated that in the area of logistics, supply and operating services and fiscal support, no additional personnel are required for performing these services for MCAS(H). It should be noted, however, that budget and fiscal responsibilities should be transferred from COMCABEAST to MCB CAMLEJ. Inasmuch as funding for family housing at CMC level evolves from the same office (Code COA) the change in responsibility should not present any problems.

d. Consolidation of family housing furniture and movable equipment functions is considered to present no serious problems. Common

items of furniture and equipment stored at MCAS(H) could be stored in the warehouse located at MCB. Items of furniture and equipment peculiar to the Capehart Housing at MCAS(H) could be stored at one of the two warehouses located at MCAS(H). This would allow inactivation and disposal of one warehouse from the housing assets at MCAS(H). Also, it is considered advantageous to retain one warehouseman at MCAS(H) to inventory and assist in the handling and moving of furniture and equipment.

e. If consolidation is made, all forms, records, reports, rules and regulations, maintenance inspections, job order systems, occupant handbooks, check-in and check-out inspections, housing surveys, housing referral services, and all other housing procedures can be standardized under one centralized office at MCB.

f. If all adequate quarters are pooled for equal assignment to both MCAS(H) and MCB eligible military personnel, the waiting period for MCAS(H) personnel can be reduced considerably from 10-12 months for officers and 15-18 months for enlisted personnel. Conversely, the waiting period for MCB personnel may increase slightly.

g. A negative morale factor would result from the trips that an incoming MCAS(H) sponsor must make from MCAS(H) to the MCB Housing Department (approximately 10 miles one way) for referral services and application and assignment purposes. This inconvenience appears to be insignificant when compared with the difficulties

encountered when military members report to duty stations in large metropolitan areas. In any event, incoming military sponsors assigned to MCAS(H) must report to MCB for their household effects as well as dependent medical care. The dispensary at MCAS(H) provides emergency treatment only for dependents.

h. Another negative factor would result because of the Marine Corps policy of segregating housing according to rank or rate, i.e. the more desirable housing is assigned to the upper rates or ranks and the less desirable housing is assigned to the lower rates or ranks. Since the 435 Capehart units at MCAS(H) are more desirable than the Wherry units at MCB, a pooling of all housing would result in upper pay grade MCD personnel being assigned to the Capehart Housing at MCAS(H) and the lower pay grade MCAS(H) personnel being assigned to the Wherry Housing at MCB.

i. Housing functions can be consolidated with or without a consolidation of maintenance functions. If maintenance functions previously addressed in this study were not consolidated, the consolidated housing office at Camp Lejeune could obtain maintenance services from MCAS(H) Public Works Department on a reimbursable basis.

j. The BOQ can be organizationally transferred from Public Works to another department at MCAS(H) without a significant increase in workload.

5. Recommendations:

a. Consolidate housing management functions at MCAS(H) New River under MCB Camp Lejeune.

COMMANDING GENERAL

ASSISTANT CHIEF OF STAFF, FACILITIES

DIRECTOR, QUARTERS AND HOUSING
1 Hsg Project Mgr, GS-13

HOUSING MANAGEMENT
1 Hsg Project Mgr, GS-11

Assignments/Termination Section

Applications and Waiting Lists
Assignments
Terminations
Cash Collections
Quarters Accounting and Reports
1 Hsg Project Mgr, GS-7
1 Clerk-Typist, GS-4
3 Clerk-Typist, GS-3
1 Fiscal Accounting Clerk, GS-4

Operations/Tenant Relations Section

Tenant Maintenance
Quarters Inspections
Work Tickets
Neighborhood Disputes
Maintenance Liaison
1 Hsg Project Mgr, GS-9
1 Hsg Project Mgr, GS-7
1 Hsg Project Mgr, GS-5
1 Asso. Supvy Inspector (PWS)
5 Inspector (PWS)
3 Toolroom Attendant
2 Clerks, GS-3
1 SSgt 0141
Mil Pers as available

Fiscal Section

Budget
Fiscal Accounting
Contract Administration
1 Budget Analyst, GS-7

ADMINISTRATIVE SERVICES
1 Supvy Hsg Mgmt Asst, GS-8

Administrative Section

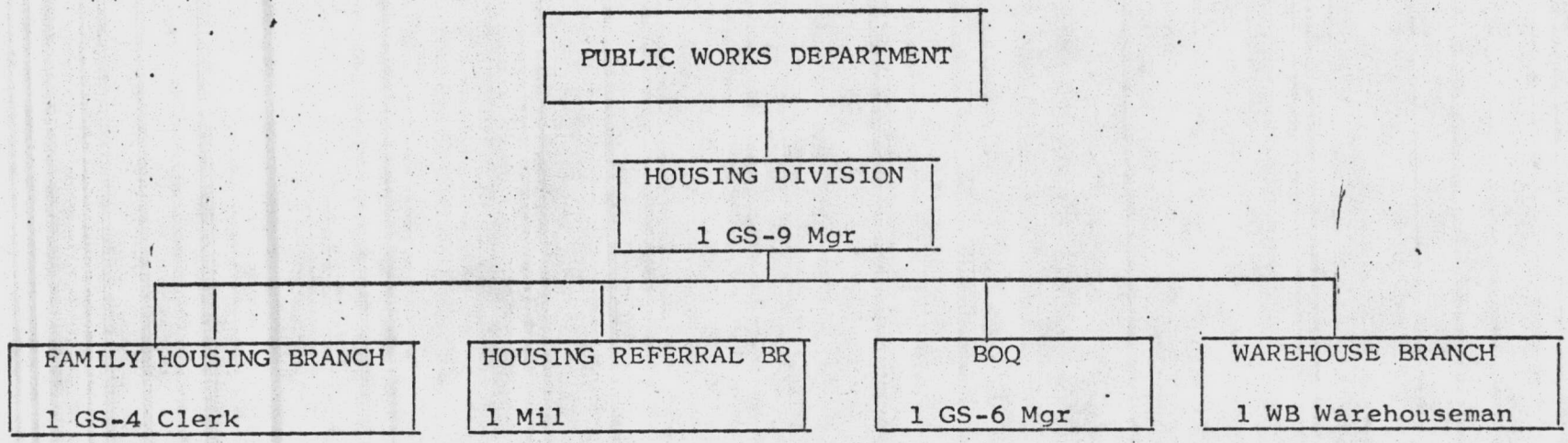
Quarters and Housing Board
Official Correspondence
Community Liaison
Employee Relations
Special Reports
1 Clerk-Steno, GS-4

Off-Base Housing Section

Off-Base Housing Referral
Equal Opportunity in Off-Base Housing
2 Hsg Referral Clerk, GS-5

Quarters Furniture Section

Control of Warehousing, Issue, and Repair of Furniture Equipment
1 Supvy Hsg Project Mgr, GS-7
1 Clerk, GS-4
1 Clerk-Typist, GS-3
1 Leader (Stockman)
6 Warehouseman
3 Laborers
1 SSgt 3051
1 Cpl 3051
Mil Pers as available


PUBLIC WORKS DEPARTMENT
HOUSING DIVISION
1 GS-9 Mgr
FAMILY HOUSING BRANCH
1 GS-4 Clerk
HOUSING REFERRAL BR
1 Mil
BOQ
1 GS-6 Mgr
WAREHOUSE BRANCH
1 WB Warehouseman

CURRENT		PROPOSED				
PWD MCAS(H) NEW RIVER -	ON BOARD COST TO GOV'T ($)	UNDER CO MCAS(H) LOCATED AT NEW RIVER	UNDER COM. GEN. CAMLEJ LOCATED ON-SITE: NEW RIVER	UNDER COM. GEN. CAMLEJ LOCATED ON-SITE: MCB CAMLEJ	COST RED. FROM CONSOL. ($)	REMARKS
PWO OFFICE NEW RIVER						
1-LCDR (CEC)	16,427	1-LT (CEC) SCE			2,592	Abolish LCDR billet, establish LT billet SCE-Reduced responsibility
1-LTJG (CEC)	10,831				10,831	Abolish billet-No requirement under SCE organization
1-GS-5 Sec'y	7,613	1-GS-5 Sec'y SCE				SCE Secretarial & Clerical req't
ADMIN. PWD						
1-GS-7 Supvy Adm Ass't	10,004				10,004	Abolish-Remaining workload to be incl. under GS-11 Eng Tech [illegible].
1-GS-5 Budget Clk	vacant	1-GS-5 Bud. Clk SCE			(8,325)	SCE Resource Mgt. req't
1-GS-5 Supply Clk	8,325			1-GS-5 Sup.Clk		Functional Transfer
1-GS-4 Clk Typist	6,805			1-GS-4 Clk Typist		Functional Transfer
1-GS-4 Clk Typist	6,592	1-GS-4 Clk Typist SCE				SCE work reception, work control & clerical requirement
1-GS-5 Records Clk	7,613	1-GS-5 Records Clk				Plant Prop. Funct. Cl II,III,IV
1-GS-4 Prop. Clk	7,017	1-GS-4 Prop. Clk				Plant Prop. Funct. Cl II,III,IV
1-GS-3 Clk Typist	5,871	1-GS-3 Clk Typist				Plant Prop. Funct. Cl II,III,IV
1-Labor/Cleaner	5,037					PWD Custod. Funct. Consolidated under BOQ contract
ENGINEERING PWD						
1-GS-12 Gen. Eng.	18,563	1-GS-12 Gen. Eng. SCE				Acty Planning-Eng.Funct.retained
1-GS-9 Eng.Tech.Draft.	12,205	1-GS-9 Eng.Tech.Dr.SCE				Acty Planning-Eng.Funct.retained
		1-GS-11 Eng.Tech.SCE			(15,573)	Acty Plan-Eng. & Work Cont. "
MAINT. CONTROL DIV.						
1-GS-11 Eng.Tech.	15,573				15,573	Dir.Funct.absorbed by MCB CAMLEJ counterpart
4-P&E Inspectors	48,025			4-P&E Insp.		Function Transferred
1-GS-3 Clk Typist	5,681			1-GS-3 Clk Typist		Function Transferred
MAINT. UTIL. DIV. INDIRECT						
1-Gen. For. II	14,576					Abolish-Current Span of Cont. does not warrant position
1-Gen. For. I	13,506		1-Gen. For. I			Function Transferred
1-Maint. Scheduler	11,261				11,261	Funct.Trans.& Absorbed/CAMLEJ counterparts
1-Shop Planner	10,296			1-Shop Planner		Function Transferred
1-Shop Planner	9,419			1-Shop Planner		Function Transferred

PWD MCAS(H) NEW RIVER -	ON BOARD COST TO GOV'T ($)	UNDER CO MCAS(H) LOCATED AT NEW RIVER	UNDER COM. GEN. CAMLEJ LOCATED ON-SITE		COST RED. FROM CONSOL. ($)	REMARKS
			NEW RIVER	MCB CAMLEJ		
MAINT. UTIL. DIV. INDIRECT (CONT'D)						
			1-Maint.Staff Asst.		(9,922)	Reqd to perform E/S dispatching, workload scheduling & Shop planning functions
			1-GS-3 Clk Typist		(5,681)	Maint.Shop Admin & Clerical reqmt
MAINT. BRANCH DIRECT						
1-Foreman, Buildings	12,401		1-Foreman,Bldgs.			Administrative Transfer of Function
12-Productive,Bldgs.	107,242		7-Prod., Bldgs.	5-Prod.,Bldgs.		" " " "
1-Foreman, Gen.Serv.	12,945		1-Foreman,Gen.Serv.			" " "
6-Prod.,Gen.Serv.	36,870		4-Prod.,Gen.Serv.	2-Prod.,Gen.Serv.		" " "
14-Prod.,Emerg.Serv.	128,009		14-Prod.,E/S			" " " "
1-Foreman, Mech.	12,945		1-Foreman, Mech.			" " " "
8-Prod., Mech.	74,981		6-Prod., Mech	2-Prod., Mech.		" " " "
Sub-Total Maint./ADM/ENG/MCD					$10,760	
UTILITIES BRANCH						
1-Power Plant Foreman	13,462				13,462	(Position abolished, coverage
1-Water Plant Foreman	10,499				10,499	(by roving supervisor CAMLEJ
16-Productive			16-Productive			
Sub-Total Utilities					$23,961	
TRANSPORTATION DIVISION						
1-Capt. USMC			1-Capt.USMC(MT)			Motor T. Sub-pool
1-GS-7 Trans. Spec.	9,684	1-GS-7 Trans.Sp.SCE				Function retained
1-GS-4 Clerk Typist	6,600				6,600	Abolished
1-GS-4 Supply Clerk	7,000		1-GS-4 Sup.Clk(MT)			Function retained
MAINTENANCE BRANCH (TRANS.)						
1-Foreman Maintenance	12,942		1-Foreman Trans(MT)			Function retained
3-Mechanics	28,239		3-Mechanics (MT)			Function retained
3-Mechanics	28,239		3-Mechanics (BMO)			1 mech.elevated to leader
1-Mechanic	9,413			1-Mechanic	(1,000)	Function retained

PWD MCAS(H) NEW RIVER - ON BOARD COST TO GOV'T	UNDER CO MCAS(H) LOCATED AT NEW RIVER	UNDER COM. GEN. CAMLEJ LOCATED ON-SITE		COST RED. FROM CONSOL.	REMARKS
		NEW RIVER	MCB CAMLEJ		
OPERATIONS BRANCH (TRANS.) 21-Truck Drivers 2-Equipment Operators 22-Enlisted		21-Truck Drivers 2-Equip. Op. (BMO) 22-Enlisted			Function retained Function retained Function retained
Sub-Total Transportation				$ 5,600	
GRAND TOTAL ALTERNATIVE #1				$40,321	

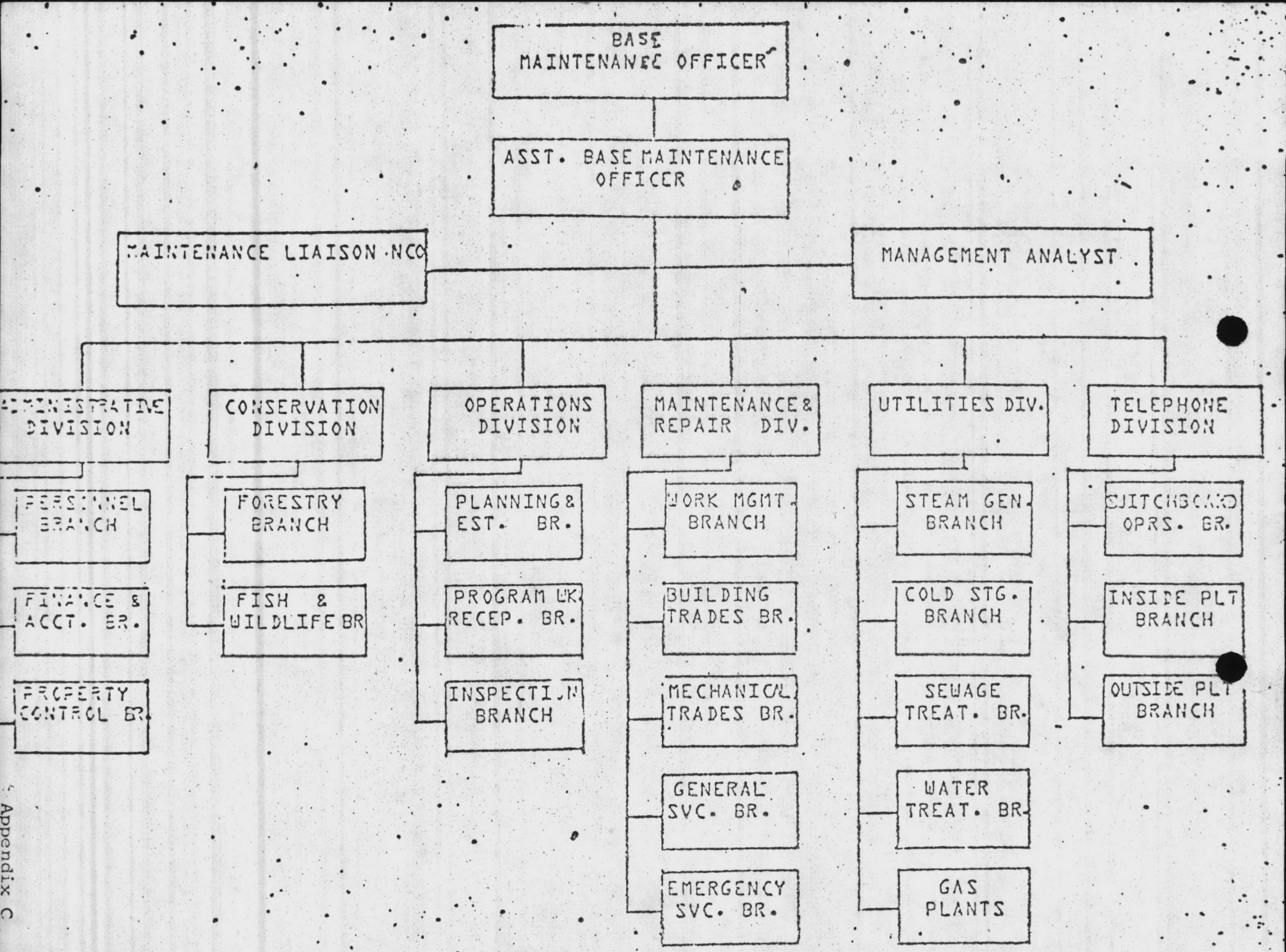
MATRIX OF ALTERNATIVE #2

CURRENT PWD MCAS(H) NEW RIVER -	ON-BOARD COST TO GOV'T ($)	PROPOSED UNDER C.O. MCAS(H)	UNDER COM. GEN. CAMLEJ LOCATED ON-SITE NEW RIVER	MCB CAMLEJ	COST RED. FROM CONSOL. ($)	REMARKS
PWO OFFICE NEW RIVER						
1-LCDR (CEC)	16,427			1-LT (CEC)	2,592	Abolish LCDR billet, establish LT billet SCE - Reduced responsibility
1-LTJG (CEC)	10,831				10,831	Abolish billet. Reduced function & responsibility
1-GS-5 Secretary	7,613				7,613	Abolish. Staff function reduced
ADMIN. PWD						
1-GS-7 Supvy Adm Asst	10,004				10,004	Function transferred. Absorbed by CLJ counterpart
1-GS-5 Budget Clerk	vacant					
1-GS-5 Supply Clerk	8,325			1-GS-5 Sup.Clk		Functional transfer.
1-GS-4 Clerk Typist	6,805			1-GS-4 Clk Typist		Functional transfer.
1-GS-4 Clerk Typist	6,592				6,592	Mgt report function. Absorbed by CLJ counterpart
1-GS-5 Records Clerk	7,613			1-GS-5 Records Clk		Plant Property Function. Transferred
1-GS-4 Prop. Clerk	7,017			1-GS-4 Prop. Clk		Plant Property Function. Transferred
1-GS-3 Clerk Typist	5,871			1-GS-3 Clk Typist		Plant Property Function. Transferred
1-Labor/Cleaner	5,037					PWD custodial Function. Consolidated under BOQ contract
Engineering PWD						
1-GS-12 General Eng.	18,563			1-GS-12 Gen. Eng.		Function transferred. Planning & Engineering
1-GS-9 Eng. Tech. Draft.	12,205			1-GS-9 Eng.Tech.Dr.		Function transferred. Planning & Engineering
MAINT. CONTROL DIV.						
1-GS-11 Eng. Tech,	15,573				15,573	Maint. Cont. Dir. Function absorbed by CLJ cntrpt
4-P&E Inspectors	48,025			4-P&E Inspectors		Function transferred.
1-GS-3 Clerk Typist	5,681			1-GS-3 Clk Typist		Function transferred.
MAINT. UTIL. DIV. INDIRECT						
1-General Foreman II	14,576					Current Span of Cont. does not warrant position
1-General Foreman I	13,506		1-Gen.Fore. I			Function transferred.
1-Maint.Scheduler	11,261				11,261	Function trans. Workload absorbed within CLJ cur.cap
1-Shop Planner	10,296			1-Shop Planner		Function transferred.
1-Shop Planner	9,419			1-Shop Planner		Function transferred.
			Maint.Staff Asst.		(9,922)	Reqd to perform E/S dispatching, work scheduling & shop planning functions
			1-GS-3 Clk Typist		(5,681)	Maint. shop admin. requirement
MAINT. BRANCH DIRECT						
1-Foreman, Bldg.	12,401		1-Fore., Bldgs.			Admin. transfer of function
12-Productive,Bldg.	107,242		7-Prod.,Bldg.	5-Prod.,Bldg.		Admin. transfer of function

B

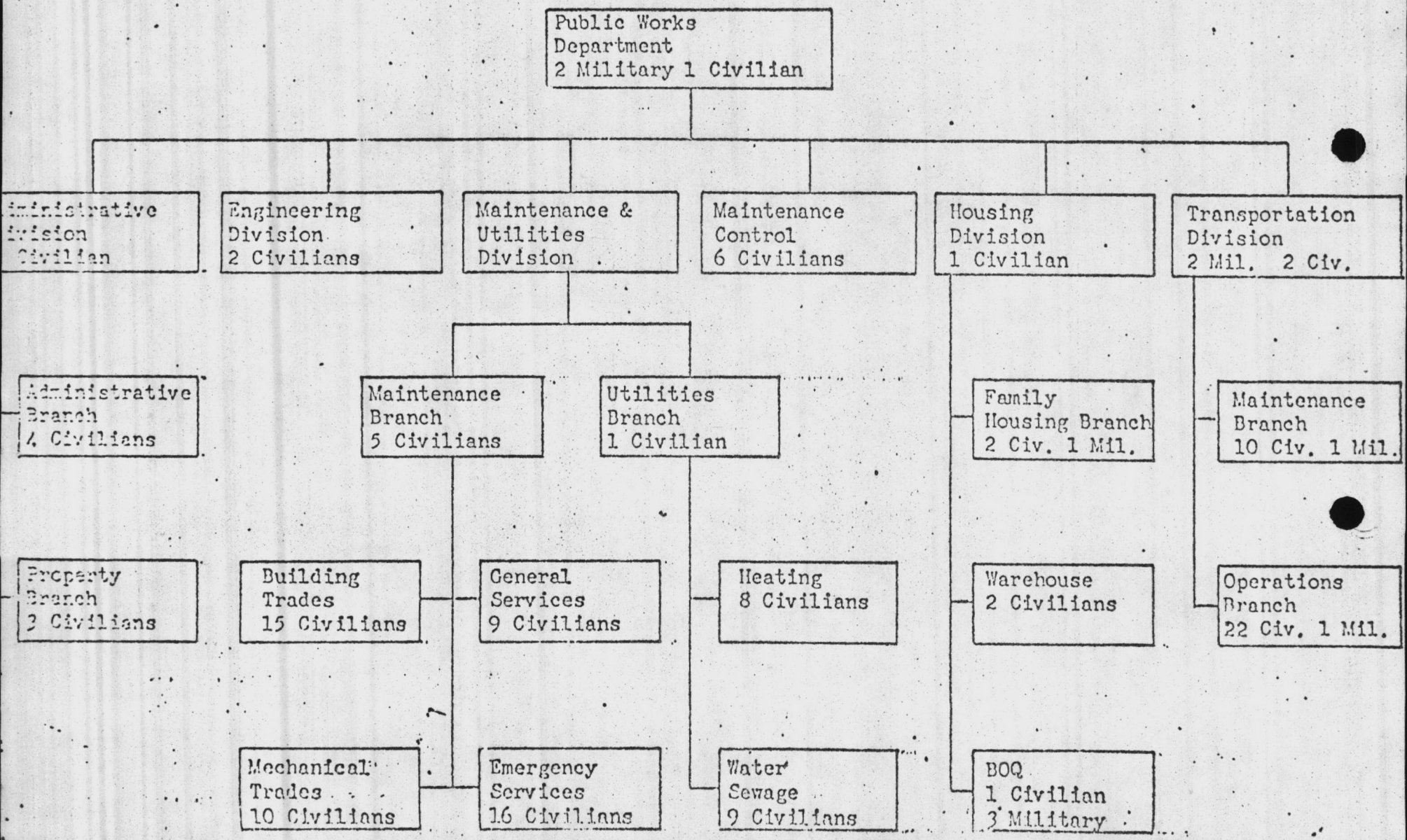
	COST TO GOV'T	C.O. MCAS (H)	UNDER COM. GEN. CAMLEJ LOCATED ON-SITE: NEW RIVER	MCB CAMLEJ	COST RED. FROM CONSOL.	REMARKS
MAINT. BRANCH DIRECT (CONT'D)						
1-Foreman, Gen.Serv.	12,945		1-Fore.Gen.Serv.			Admin. transfer of function
6-Productive,Gen.Serv.	36,870		4-Prod.,Gen.Serv.	2-Prod.,Gen.Serv.		Admin. transfer of function
14-Prod., Emerg.Serv.	128,009		14-Prod., E/S			Admin. transfer of function
1-Foreman, Mech.	12,945		1-Fore.,Mech.			Admin. transfer of function
8-Productive, Mech.	74,981		6-Prod., Mech.	2-Prod., Mech.		Admin. transfer of function
Sub-Total Maint./ADM/ENG/MCD					$48,863	
UTILITIES BRANCH						
1-Power Plant Foreman	13,462				13,462	Coverage to be provided by roving Supv. MCB CLJ
1-Water Plant Foreman	10,499				10,499	Coverage to be provided by roving Supv. MCB CLJ
16-Productive			16-Productive			
Sub-Total Utilities					$23,961	
TRANSPORTATION DIVISION						
1-Capt. USMC			1-Capt. USMC (MT)			Motor T. Sub-pool
1-GS-7 Trans. Spec.	9,684				9,684	Position abolished
1-GS-4 Clerk Typist	6,600				6,600	Position abolished
1-GS-4 Supply Clerk	7,000		1-GS-4 Sup.Clk (MT)			Function retained
Maintenance Branch						
1-Foreman Maintenance	12,942		1-Fore.Trans.(MT)			Function retained
3-Mechanics	28,239		3-Mech. (MT)			Function retained
3-Mechanics	28,239		3-Mech. (BMO)		(1,000)	1-Mechanic elevated to leader
1-Mechanic	9,413			1-Mechanic		Function retained
Operations Branch						
21-Truck Drivers			21-Truck Drivers			Function retained
2-Equipment Operators			2-Equip. Op. (BMO)			Function retained
22-Enlisted			22-Enlisted			Function retained
Sub-total Transportation					$15,284	
GRAND TOTAL ALTERNATIVE #2					$88,108	

MCAS TMR
As of 8/7/20


BASE MAINTENANCE OFFICER
ASST. BASE MAINTENANCE OFFICER
MAINTENANCE LIAISON NCO
MANAGEMENT ANALYST
ADMINISTRATIVE DIVISION
CONSERVATION DIVISION
OPERATIONS DIVISION
MAINTENANCE & REPAIR DIV.
UTILITIES DIV.
TELEPHONE DIVISION
PERSONNEL BRANCH
FINANCE & ACCT. BR.
PROPERTY CONTROL BR.
FORESTRY BRANCH
FISH & WILDLIFE BR
PLANNING & EST. BR.
PROGRAM UK RECEP. BR.
INSPECTION BRANCH
WORK MGMT. BRANCH
BUILDING TRADES BR.
MECHANICAL TRADES BR.
GENERAL SVC. BR.
EMERGENCY SVC. BR.
STEAM GEN. BRANCH
COLD STG. BRANCH
SEWAGE TREAT. BR.
WATER TREAT. BR.
GAS PLANTS
SWITCHBOARD OPRS. BR.
INSIDE PLT BRANCH
OUTSIDE PLT BRANCH

Appendix C

MARINE CORPS AIR STATION, (Helicopter), New River 7 August 1970



PLANNING - ESTIMATOR - CONTROL INSPECTION FUNCTION

FUNCTION	MCAS (H) MHRS	MCB CAMLEJ MHRS
Estimated Stdg. Job Orders	342	1,467
Specific Job Orders	1,631	12,230
Assistance to Shops	469	3,432
Total P&E Direct Manhours Required	2,116	17,129
Equivalent Staffing - Man years (MY)	1.4	9.8
Inspection Staffing - Man years (MY)	1.4	9.8
TOTAL P&E/INSPECTOR ADJUSTED REQUIREMENT[2]	2.8	19.6
On Board: P&E		8.0
P&E/Inspectors	4.0[1]	
Inspectors		5.0
TOTAL	4.0[1]	13.0

[1] Includes 1 P&E/Inspector currently providing total Housing Inspection & P&E Support.

[2] P&E Staffing is predicated on current Shop Staffing. Inspector Staffing is based on the rule of thumb which maintains P&Es and Inspectors on a 1:1 Ratio.

ESTIMATED WORKLOAD FOR TRANSPORTATION MECHANICS
AT MARINE CORPS AIR STATION (HELICOPTER),
NEW RIVER, JACKSONVILLE, NORTH CAROLINA

I. MCAS (H) NEW RIVER work, that if transferred, would be assigned to the Base Motor Transportation Department, MARCORB CAMLEJ.

TYPE	MILES FY 70	STANDARD MH/ 1,000 MILES	TOTAL MH REQD MAINT.
Sedan (4)	61,068	1.70	104
Bus (13)	75,959	5.00	380
Station Wagon (2)	43,057	1.70	80
Ambulance (3)	3,959	4.20	17
1/2-Ton Pickup (19)	258,626	2.00	517
Truck Carry-All/Panel (24)	316,293	2.50	790
1-Ton Truck (7)	73,737	3.20	235
2-Ton Truck (16)	139,842	3.40	475
5 - 7-Ton Truck (9)	46,803	6.60	522
Special Purpose Truck (33)	94,996	LS	789
Misc. Trailers (15)	-	LS	108
Sub-Total			3,717 MH
For Accident Repairs			300
Operational Maintenance			900
			4,917 MH

4,917 MH ÷ 1,555* productive MH/yr = 3.16 or 3 men.

II. MCAS (H) NEW RIVER work, that if transferred, would be assigned Base Maintenance, MARCORB CAMLEJ.

	HOURS OP FY 70	STANDARD MAINTENANCE MH REQD
Aircraft Ground Support Equip. (5) (Reimbursable)	1,761	166
Material Handling (18)	6,267	411
Construction (37)	8,391	1,366
Grounds Maintenance (10)	2,862	223
Firefighting (9)	7,853	1,619
Weight handling (1)	144	27
Misc. Uncoded (9)	-	541
Sub-Total		4,612 MH
Plus Accidents		162
Operational Maintenance		625
Total Required		5,399 MH

5,399 MH ÷ 1,555* productive MH/yr = 3.5 or 4 men.

*1,555 productive manhours/mechanic/year allows for material delays, shop cleanup and leave.

The above information is based on MCAS (H) NEW RIVER NAVCOMPT 2122 Transportation Operation and Maintenance Cost Report for FY 1970 and maintenance standards from NAVDOCKS P-300.

FEASIBILITY STUDY FOR CONSOLIDATION OF FACILITIES MAINTENANCE & OPERATIONS OF

REAL PROPERTY

TRANSPORTATION FUNCTIONS AND

LAUNDRY OPERATIONS AT

NAVAL HOSPITAL CAMP LEJEUNE

with

MARINE CORPS BASE CAMP LEJEUNE

December 1970

ENCL (2)

ATLANTIC DIVISION, NAVAL FACILITIES ENGINEERING COMMAND

PERSONNEL ON STUDY TEAM:

LCDR H.D. HALE, CEC, USN	Team Leader
MR. E.H. RICHARDSON	Maintenance
MR. W.R. TARKINGTON	Garbage/Trash
MR. T.B. YATES	Laundry/Utilities
MR. R.R. JOHNSON	Transportation

INDEX

Subj: Feasibility Study for Consolidation of Various Support Services at Naval Hospital, Camp Lejeune with those of Marine Corps Base, Camp Lejeune

Ref: (a) CMC ltr COA-2-mn of 23 Sep 1970

(b) NAVFAC ltr FAC-1051/HLH:bg of 16 Oct 1970

I BACKGROUND

Reference (a) requested that the Naval Facilities Engineering Command provide assistance to the Marine Corps Base, Camp Lejeune as the lead activity in the performance of a Consolidation Study of Common Support Services in the Camp Lejeune, North Carolina area. By reference (b), LANTDIV was tasked with the performance of the study.

II BASIC APPROACH

A. In view of the short time frame suggested by CMC (ltr COA-2-mn of 23 Sep 1970) a decision was made to accept the workload identified by LANTDIV in a Manpower Validation Survey of the Naval Hospital in January 1968. The 1968 survey identified a requirement for 32 men in the NAVHOSP Maintenance Division's Shop and Grounds Branches as opposed to an on-board count of 31 as of 20 November 1970. With no decrease in workload and a slight decrease in personnel since the 1968 survey, it is considered that a requirement exists for all personnel in the productive area at NAVHOSP. The Base Maintenance Office of the MCB has experienced a net reduction in on-board strength of 43 civilian personnel since FY 68. Additional

personnel reductions from the current level is considered imminent and even further reductions are expected to continue throughout FY 1972. In view of the magnitude of previous personnel losses and the anticipation of further reductions, it was considered unlikely that any significant savings could be identified within the current productive areas of the Maintenance and Repair Division of MCB, Camp Lejeune. It was therefore decided that the major efforts of this study would be directed toward overhead functions and associated organizational changes.

B. The various alternatives considered in the approach to this study were:

1. Reimbursable - all Maintenance/Transportation functions to be accomplished by MARCORB CAMLEJ forces on a reimbursable basis. A staff CEC organization at the Naval Hospital would be established to provide activity planning, engineering, work control and facilities resources management services. Plant account and transportation equipment inventories would remain with the Naval Hospital.

2. Full Consolidation - this alternative includes full consolidation of all real property functions at NAVHOSP with MCB Camp Lejeune, including transfer of funding responsibilities, plant account and transportation inventory to MCB.

3. Reimbursable - Select Functions - this alternative includes accomplishment of certain select Common Support Services by MARCORB CAMLEJ forces on a reimbursable basis.

4. Status Quo - no change from current method of operation.

5. Laundry - the subject of consolidation of laundries will be handled as a separate portion of this study, included as Appendix D.

III INFLUENCING FACTORS

The following data briefly summarizes data pertinent to both activities to assist the reader in determining the relative size of the activities involved.

		MARCORB CAMLEJ BMO Civilians On-Board	NAVHOSP CAMLEJ PW Civilians On-Board
Personnel	FY 68	853	40
	FY 69	844	36
	FY 70	810	38
$ M1/R1	FY 71	$4,326,000	$270,000
Plant Account CPV * (as of May 1970)		$450,000,000	$26,000,000

* includes housing.

Organization charts for Base Maintenance MCB and the Maintenance Division in NAVHOSP are attached as Appendix E and F.

IV ASSUMPTIONS

A. Although prior studies have identified personnel requirements at NAVHOSP to be greater than the current on-board strength, these

increased requirements, however valid, cannot be considered in this study. Any savings identified as a result of this study must accrue based on current conditions and must result in a reduction from the current level of staffing with a corresponding reduction of funds while continuing to maintain the government's investment at the current level.

B. The current workload at each activity is at least sufficient to justify the current on-board strength.

C. Current shop labor performance and productivity of all personnel at Camp Lejeune and Naval Hospital is within an acceptable range.

D. No savings will result from vacated shop or administrative areas unless the availability of subject space will:

1. Result in the cancellation of an existing project.

2. Result in the demolition of existing facilities of similar type and equal level of maintenance classification.

E. Personnel costs used in this study to determine possible savings have been derived as follows:

1. Military rates - as provided in Volume 3 of the NAVCOMPT Manuary (cost of government).

2. NAVHOSP - basic rates provided by NAVHOSP, 27% acceleration and a productive manyear of 1,754 manhours.

F. Grade levels used in staffing the Staff CEC organizations are based on comparable levels of effort at other activities;

however, the indicated levels must be reviewed and validated by wage and classification personnel.

G. That the mission and workload of both activities will not change significantly in the near future.

V ALTERNATIVES

A. Alternative No. 1 - Reimbursable

Under this proposal all Maintenance and Transportation functions would be consolidated at MCB CAMLEJ and accomplished by MCB shop forces on a reimbursable basis. The Naval Hospital would retain all plant account and facilities management funds. Functions and personnel would be assigned as follows (see Appendix A.) The acceptance of this proposal would result in increased costs of $9,009.

1. Functions to remain under Commanding Officer NAVHOSP located at NAVHOSP.

Since facilities management funds remain under the control of the NAVHOSP, this alternative does not change the command's responsibility for identifying its total facilities requirements, developing facilities management budgets and plans based on these requirements and for the execution of these plans. The function of the small Staff Civil Engineer Office under the Commanding Officer, NAVHOSP and located at the hospital is to carry out command responsibility in the management of funds, facilities and material provided to NAVHOSP for public works support. The approval and

programming of all work requirements and the authorization to expend funds rests with the Command through the Staff Civil Engineer who will weigh the total requirement against total resources and total mission, establish priorities and assure effective utilization of all available resources. The three SCE personnel listed in Appendix A are considered the minimum required to perform this function. The HMC would continue in his present capacity as Maintenance Division Leading Chief, Transportation Supervisor and general assistant. The HN would continue as pest control operator and part-time driver. The five drivers under the garage branch would continue to perform their same functions.

2. Functions transferred under Commanding General MCB located at NAVHOSP

a. Shops Branch and Grounds Branch

The current hospital organization is run with a minimum of overhead. Under consolidation it would be both impractical and uneconomical to relocate to MCB personnel performing Emergency Service and highly repetitive standing job order functions (preventive maintenance, grounds, etc.) due to additional travel costs and lost time costing an estimated $8,200.

The remaining work (specific, scheduled jobs over 32 manhours each) could be performed by the parent shops under Base Maintenance. Based on FY 70 information covering 58 jobs, this would involve 7.7 people (including leave). A transfer of these

productive personnel would reduce the need for three leader positions within the Shops Branch and subsequently result in a potential reduction in cost of $2,700 per annum. However, the transfer of these productive personnel would result in a loss of $3,500 per annum as a result of lost productivity through increased travel offsetting the previously identified cost reduction. Therefore, these branches should remain intact on site at the hospital if consolidation is effected.

b. Garage Branch

The one mechanic now at the hospital would remain. As shown in Appendix C, the mechanic spends approximately 1/2 of his time on non-automotive equipment maintenance and repairs of hospital plant property. Since this alternative would leave all transportation equipment under NAVHOSP custody requiring Navy reporting procedures, the mechanic could continue to perform on essentially the same basis as now. In other words, the equipment would continue to be repaired by the same mechanic on site at the hospital. If the mechanic position were dropped, an additional employee would be required at the hospital for welding, pump and generator repairs,etc. The end result would be no significant savings with a decrease in efficiency. No other changes are proposed for this branch under this alternative.

3. Functions transferred under Commanding General, Camp Lejeune, located at MCB

Inspection and Planning and Estimating services required by the Naval Hospital would be provided by MCB CAMLEJ. Since these services and associated duties equate to approximately one manyear, as reflected in Appendix G, it is indicated that the Planner-Estimator position currently at the Naval Hospital be transferred to the MCB Planner and Estimator group. Appendix G also reflects an apparent understaffing condition within the Operations Division Planning and Estimating Branch, MCB, CAMLEJ.

4. Other Factors

Another factor that could not be evaluated by this team but was commented on by both NAVHOSP and Base Maintenance Office personnel, was the advantage of having people familiar with the plant, readily available, particularly the electrical and mechanical systems. In the past, this has proven invaluable in responding to emergencies. Based on information available, these men are now productively employed and would continue to be is this alternative were chosen. Also the intangible aspects of possible cost of lives versus dollars is difficult to relate whenever hospitals are concerned.

B. Alternative No. 2 - Full Consolidation

Full consolidation of all real property and transportation functions on a non-reimbursable basis. This would require a budget base transfer as well as a plant account and transportation equipment inventories from BUMED to CMC before this alternative can be placed

into effect. Under full consolidation approximately $550,000 from their current operating budget of $2,300,000 and 35 people from their (on-board) civilian role of 265 would be transferred. Appendix B shows the current organization, organizational changes and comments based on this alternative. As shown, no savings could be realized if this proposal were accepted. Functions and personnel would be assigned as follows:

1. Functions to remain under COMNAVHOSP

The only Maintenance Division personnel remaining under NAVHOSP would be the seven listed in Appendix B, including five military and two civilian drivers. They would continue on the same function currently performed.

2. Functions transferred under Commanding General, MCB located at NAVHOSP

All shop personnel would be retained for the same reason as outlined under Alternative 1. The only change would be the addition of a GS-3 Clerk-Typist to handle E/S calls, work reception, material stub preparation and general clerical duties.

3. Functions transferred under Commanding General, MCB located at MCB

The basic difference between alternative number two and alternative one is elimination of the Staff Civil Engineer function under the Commanding Officer, Naval Hospital. The necessary planning/engineering functions formerly provided by this staff would be

accomplished by the Public Works organization, MARCORB CAMLEJ with a corresponding transfer of personnel as reflected on Appendix B.

The LTJG, CEC, would be transferred to Public Works. The Planner-Estimator would be transferred to the Operations Division, Base Maintenance for the same reasons outlined under alternative one and Appendix G.

4. Other Factors

Full consolidation would provide the hospital with greater repair flexibility with a larger shop force and greater depth in technical skills to draw from. Inter-service support agreements should be prepared if this proposal were accepted spelling out the degree and timelines of support to be furnished, budget inputs, etc.

C. Alternative No. 3

1. Select Common Support Services including Refuse and Garbage Collection, Grounds Maintenance, Sign Painting and Insect Vector Control to be accomplished by MARCORB CAMLEJ on a reimbursable basis. A review of these functions revealed exterior Vector Control, major sign painting requirements and Refuse and Garbage Collection on an exception basis is currently provided by MARCORB CAMLEJ on a reimbursable basis. No savings could be identified which would result from the total consolidation of these services at MARCORB CAMLEJ.

D. Alternative No. 4

1. Status Quo - no change from the current method of operation.

E. Potential Savings and Improved Services not related to the Consolidation Study

a. Refuse and Trash Collection

Observation of the current mode of operations at MARCORB CAMLEJ and the NAVHOSP indicate that substantial recurring annual savings may be effected through a modernization of equipment. Acquisition of new dumpmaster type equipment would generate savings approximating $20,000 per annum at MARCORB CAMLEJ and $13,000 per annum at the NAVHOSP. Additional savings of equal or greater proportions may be effected by rescheduling and reprogramming current workloads; however, the amount of savings cannot be specifically determined without a comprehensive analysis of current operations at MARCORB CAMLEJ and the NAVHOSP.

b. Leader Positions - NAVHOSP

1. The Grounds Branch at the Naval Hospital currently is staffed with one leader gardener and one leader laborer position with approximate annual salaries of $7,560 and $6,367 respectively.

2. The span of control of these partial supervisory positions covers four productive workers. A maximum of one leader position is considered necessary. The abolishment of one leader gardener position and the reinstatement of one gardener position

would effect a potential increase of 0.5 productive manyears with no change in staffing.

c. Insect Vector Control

Currently a portion of the NAVHOSP's Pest Control Program is accomplished by on-board military personnel which are not certified. Retention of certified military personnel is difficult because of frequent change of Station assignments. BUMEDINST 6250.6A of 3 August 1970 recommends against the use of military personnel to accomplish this function and suggests the procurement of this service when available at nearby Public Works Centers or Public Works Departments. A review of the current level of effort indicates an expenditure of approximately 400 manhours per annum.

VI CONCLUSION

A. No significant savings can be realized as a result of consolidation under Alternative one or two.

B. Procurement of pest control services accomplished by MARCORB CAMLEJ certified civilian personnel may result in an improved Pest Control Program at the NAVHOSP.

C. Potential savings and an increase in manhours available for productive use is possible as a result of internal management action at the NAVHOSP. This action includes:

1. Abolishment of one leader gardener position and re-establishment of one gardener position.

2. Future procurement of refuse and trash collection services from MARCORB CAMLEJ following replacement of the current refuse containers with dumpmaster containers.

D. As shown in Appendix D, negligible savings could be realized in annual operating cost through laundry consolidation. However, onetime savings would be $86,000 if one day service can be maintained.

VII RECOMMENDATIONS

A. It is recommended that:

1. No consolidation of Real Property Functions be accomplished at this time.

2. The Naval Hospital procure Pest Control services from MARCORB CAMLEJ.

3. The Naval Hospital abolish one leader gardener position and re-establish one gardener position.

4. The Naval Hospital replace existing refuse containers with dumpmaster type containers and collection and disposal service be procured from MARCORB CAMLEJ.

5. The Marine Corps Base, Camp Lejeune and the Naval Hospital review the current method of scheduling and programming Refuse Collection and Disposal Equipment to determine if potential savings can be realized through improved scheduling of equipment and manpower.

6. The Marine Corps Base, Camp Lejeune undertake a program for modernizing its Refuse and Trash Collection System replacing existing Dempster Dumpster type equipment with dumpmaster type equipment.

7. That the NAVHOSP Laundry be secured and consolidated with the MCB laundry based on onetime savings and elimination of maintaining duplicate facilities.

CONSOLIDATION OF REAL PROPERTY FUNCTIONS IN THE
JACKSONVILLE, NORTH CAROLINA AREA

MATRIX OF ALTERNATIVE #1

CURRENT		PROPOSED				
[illegible] HOSPITAL -	ON BOARD COST TO GOV'T	UNDER CO NAVHOSP LOCATED AT THE NAVHOSP	UNDER COM GEN MCB CAMLEJ LOCATED ON-SITE NAVHOSP	CAMLEJ	COST RED. FROM CONSOL.	REMARKS
PWO MAINT. DIV.	($)				($)	
1-LTJG (CEC)	10,831	1-LTJG (CEC) SCE				Planning & Engineering Function Retained
1-HMC Maint Supv	11,057	1-HMC Maint Supv				Function Retained - Ldg. Chief Transportation
1-AN Maint Supv Ass't	3,262	1-HN Maint Supv Ass't				Military Function Retained - Pest Contro
1-GS-3, Clk-Typ	5,681	1-Clk-Typ SCE				Work Reception Function, Gen Clerical
1-P&E	12,050			1-P&E Insp		Function Transferred
1-Foreman	11,576		1-Foreman			Function Transferred
		1-GS-5 Work Cont. Tech.			(9009)	Budget & Work Control Function
SHOPS BRANCH						
1-Ldr Carp.	9,261		1-Ldr Carp			Function Transferred
4-Productive			4-Productive			Function Transferred
1-Ldr Plumber	10,208		1-Ldr Plumber			Function Transferred
5-Productive			5-Productive			
1-Ldr Painter	9,647		1-Ldr Painter			Function Transferred
7-Productive			7-Productive			Function Transferred
1-Ldr Electrician	10,208		1-Ldr Elect.			Function Transferred
5-Productive			5-Productive			Function Transferred
GROUNDS BRANCH						
1-Ldr Gardner	7,560		1-Ldr Gardner			Function Transferred
1-Ldr Laborer	6,367		1-Ldr Laborer			Function Transferred
2-Laborers	10,629		2-Laborers			Function Transferred
2-Truck Drivers	10,506		2-Tr. Drivers			Function Transferred
GARAGE BRANCH						
1-Mechanic	9,261		1-Mechanic			Function Transferred
2-Tr Drivers (Lt)	14,524	2-Tr Drvrs (Lt)				Function Transferred
1-HM2 Dispatcher	6,636	1-HM2 Dispatcher				Function Transferred
1-HM3 Driver	5,292	1-HM3 Driver				Function Transferred
1-EN3 Driver	5,292	1-EN3 Dri[illegible]				Function Transferred
	TOTAL				$ (9009)	

JACKSONVILLE, NORTH CAROLINA AREA

MATRIX OF ALTERNATIVE #2

CURRENT		PROPOSED			
NAVAL HOSPITAL - ON BOARD	COST TO GOV'T	UNDER CO NAVHOSP LOCATED AT THE NAVHOSP	UNDER COM GEN MCB CAMLEJ LOCATED ON-SITE NAVHOSP	CAMLEJ	COST RED. FROM CONSOL.	REMARKS
PWO MAINT DIV	($)				($)	
1-LTJG (CEC)	10,831			1-LTJG		P&E Function Transferred
1-HMC Maint Supv	11,057	1-HMC Maint Supv				
1-HN Maint Supv Ass't	3,262	1-HN Maint Supv Ass't				
1-GS-3 Clk Typist	5,681		1-GS-3 Clk Typ			Work Reception Function Transferred
1-P&E	12,050					Function Transferred
1-Foreman	11,576		1-Foreman			Function Transferred
SHOPS BRANCH						
1-Ldr Carpenter	9,261		1-Ldr Carpenter			Function Transferred
4-Productive			4-Productive			Function Transferred
1-Ldr Plumber	10,208		1-Ldr Plumber			Function Transferred
5-Productive			5-Productive			Function Transferred
1-Ldr Painter	9,647		1-Ldr Painter			Function Transferred
7-Productive			7-Productive			Function Transferred
1-Ldr Electrician	10,208		5-Productive			Function Transferred
GROUNDS BRANCH						
1-Ldr Gardner	7,560		1-Ldr Gardner			Function Transferred
1-Ldr Laborer	6,367		1-Ldr Laborer			Function Transferred
2-Laborers	10,629		2-Laborers			Function Transferred
2-Truck Drivers	15,506		2-Drivers			Function Transferred
GARAGE BRANCH						
1-Mechanic	9,261		1-Mechanic			Function Transferred
2-Truck Drivers(Lt)	14,524	2-Drivers (Lt)				Function Transferred
1-HM2 Dispatcher	6,636	1-Dispatcher HM2				Function Transferred
1-HM3 Driver	5,292	1-Driver HM3				Function Transferred
1-EN3 Driver	5,292	1-Driver EN3				Function Transferred

Appendix B

Total $0

APPENDIX C

ESTIMATED WORKLOAD OF TRANSPORTATION MECHANIC
NAVHOSP

I Work, that if transfered, would fall under the Base Motor Transport Department, MCB.

Types	Miles FY 70		Maintenance Manhours/1000 mi.	Average Manhours/ year required
Sedan	6675	x	1.70	12
Bus	5760	x	5.00	29
Sta Wgn (2)	21,804	x	1.70	37
1/2 T Pickup (4)	22,425	x	2.00	45
Ambulances	16,834	x	4.20	71
1 T Truck	5845	x	2.50	15
2 T Truck	16,546	x	3.20	53
			Total	262 manhours

II Work, that if transfered, would fall under Base Maintenance Officer, MCB (Heavy Equipment Section)

Const Equip	2681	x	.170	456
Grounds Maint	1484	x	.079	118
			Total	574 manhours

III Work, that if transferred, would fall under the Base Maintenance Officer, Mech and Emerg Service Branch.

Misc Equip (pumps, generators, etc.)	LS	180 m/h
Welding & maint of misc hosp equip and real property	LS	638 m/h
	Sub-Total	718 manhours

IV Reporting and misc overhead functions 100 manhours

Grand Total 1754 manhours

The information in Sections I and II above is based on the NAVHOSP NAVCOMPT 2122 Transportation Operation and Maintenance Cost Report for FY 1970, and NAVDOCKS P-300, Appx, Data in Section III and IV was based in part on the NAVCOMPT 2122 and the remainder on estimates.

NOTE: Under alternatives one and two, the mechanic will report to Foreman (Leadingman) at the hospital. He will actually be charging his time against functions normally encountered in Motor Transportation, BMO (heavy equipment) and maintenance of real property.

LAUNDRY CONSOLIDATION

Discussion

1. The Marine Corps Base Laundry has adequate capacity to process the laundry for the Naval Hospital. In order to handle the workload six of the eleven people presently employed at the Naval Hospital Laundry would be transfered to the MCB Laundry leaving five employees to be relocated in other positions. A night shift would be required at MCB during peak hours.

2. Sanitation requirements can be met by using plastic throwaway liners in the laundry hampers and water soluble contaminated laundry bags for any potentially contageous disease laundry. These water soluble bags are not opened after they leave the wards. They are placed in the washing machine and the bags disolve on contact with the hot water. Sterilization of the liners is accomplished by maintaining the wash water at a temperature of 210° for a minimum of 10 minutes and using chlorine bleach in the wash water.

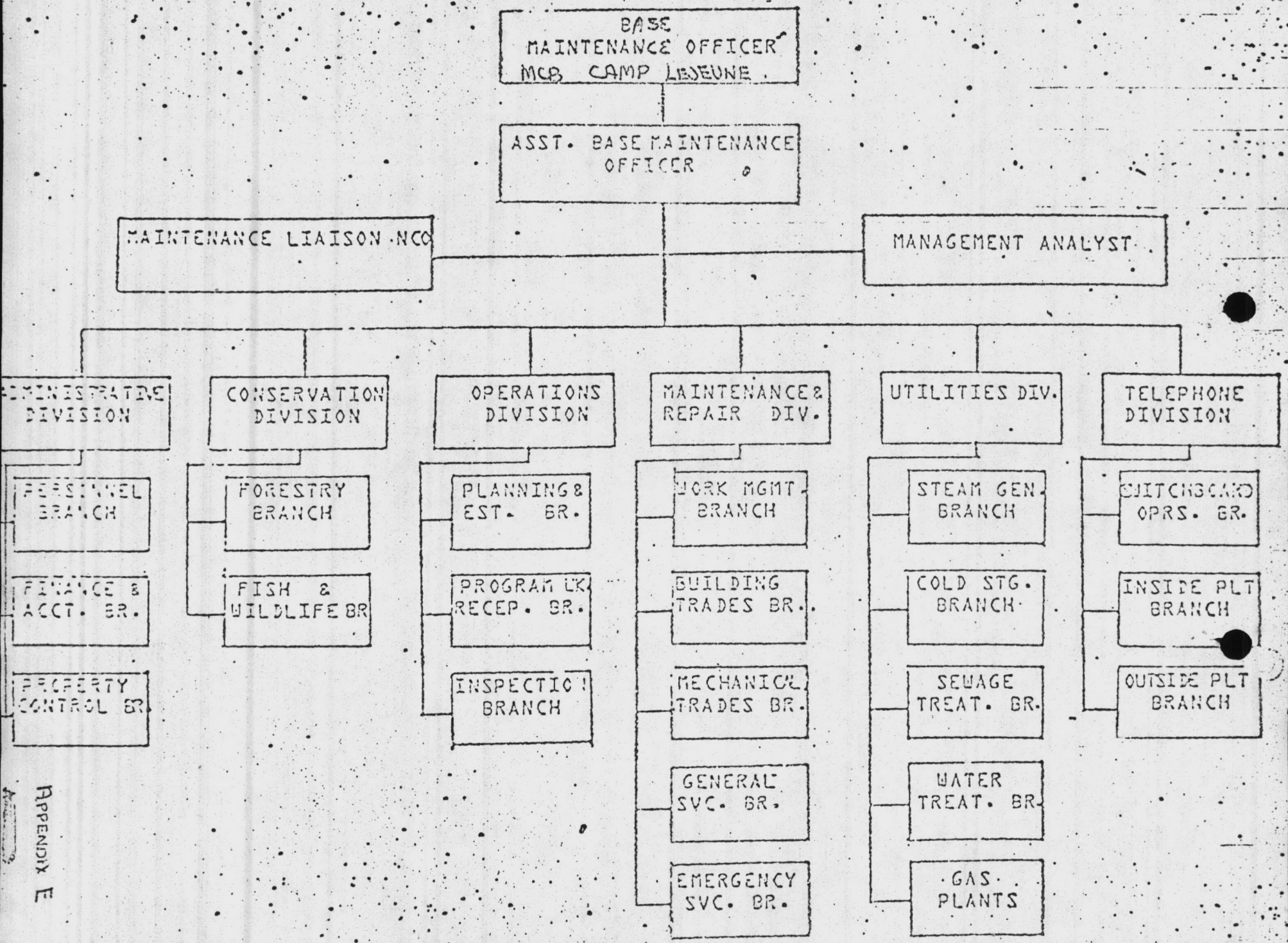
3. Annual savings from consolidation:

a. Transportation of laundry workload to and from MCB

Bags and Hamper Liners	$2,000.00
Five-Ton Van	$2,510.00
Driver	$4,869.00

b. Night differential Pay

Ten employees, 4 months/year	$ 693.00


BASE MAINTENANCE OFFICER MCB CAMP LEJEUNE
ASST. BASE MAINTENANCE OFFICER
MAINTENANCE LIAISON NCO
MANAGEMENT ANALYST
ADMINISTRATIVE DIVISION
PERSONNEL BRANCH
FINANCE & ACCT. BR.
PROPERTY CONTROL BR.
CONSERVATION DIVISION
FORESTRY BRANCH
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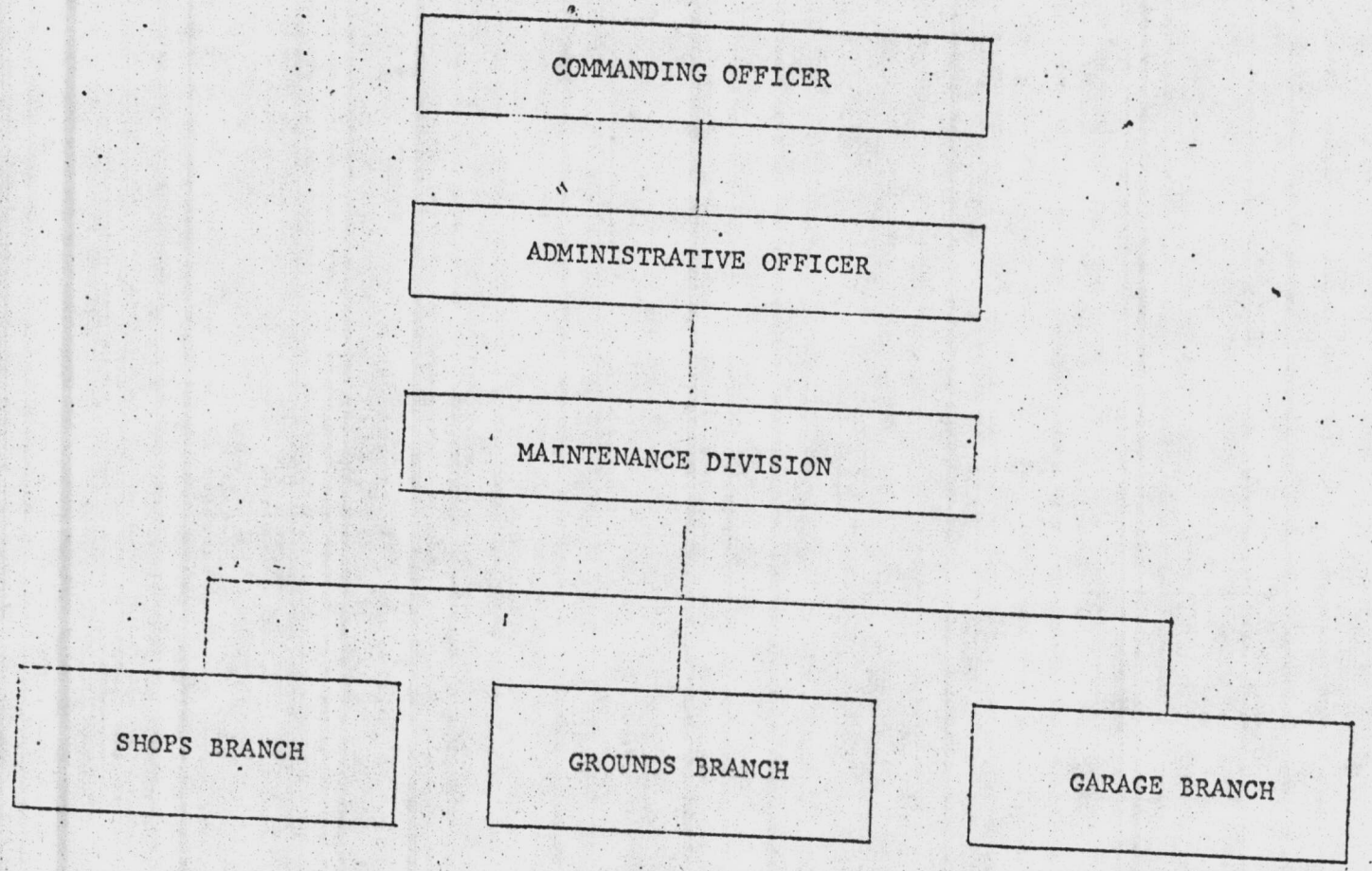
PLANNING & EST. BR.
PROGRAM LK RECEP. BR.
INSPECTION BRANCH
MAINTENANCE & REPAIR DIV.
WORK MGMT BRANCH
BUILDING TRADES BR.
MECHANICAL TRADES BR.
GENERAL SVC. BR.
EMERGENCY SVC. BR.
UTILITIES DIV.
STEAM GEN. BRANCH
COLD STG. BRANCH
SEWAGE TREAT. BR.
WATER TREAT. BR.
GAS PLANTS
TELEPHONE DIVISION
SWITCHBOARD OPRS. BR.
INSIDE PLT BRANCH
OUTSIDE PLT BRANCH

APPENDIX E



Date: 12/31/63 U.S. NAVAL HOSPITAL
CAMP LEJEUNE, N.C.

Approved: F.T. Horris
F.T. HORRIS, CAPTAIN MC USN
Commanding Officer

PLANNING - ESTIMATOR - CONTROL INSPECTION FUNCTION

FUNCTION	NAVHOSP MHRS	MCB CAMLEJ MHRS
Estimated Stdg. Job Orders	105	1,467
Specific Job Orders	542	12,230
Assistance to Shops	192	3,432
Total P&E Direct Manhours Required	839	17,129
Equivalent Staffing - Man Years (MY)	0.5	9.8
Inspection Staffing - Man Years (MY)	0.5	9.8
TOTAL P&E/INSPECTOR ADJUSTED REQUIREMENT[1] MY	1.0	8.0
On Board: P&E	1.0	8.0
P&E/Inspectors		
Inspectors		5.0
TOTAL	1.0	13.0

[1] P&E Staffing is predicated on current Shop Staffing. Inspector Staffing is based on the rule of thumb which maintains P&Es and Inspectors on a 1:1 Ratio.

Material Labor Ratio For Shops Based on Extimate + Performance Analysis – Maintenance Management Report #1

			Jul-Aug	Sep	Oct	Nov	Dec		M/L Ratio	Percent M/L
	31	M	28	231	39	280	34	602	.14	11.4%
		L	406	1198	394	1765	544	4307	1.00	88.6%
								4909		
	41	M	2131	7210	6414	9520	3492	28767	.29	22.5%
		L	11449	24573	17343	26444	16289	96098	1.00	77.5%
								124865		
	43	M	2159	5114	2855	5779	4193	20098	.12	10.7%
		L	27282	50943	16472	44440	27725	166862	1.00	89.3%
								186960		
	44	M	115	3833	786	418	583	5733	.25	20.0%
		L	1955	8505	2048	4011	6534	23053	1.00	80.0%
								28786		
	45	M	58	11	54	29	81	233	.02	2.0%
		L	2516	2824	1016	1166	3852	11374	1.00	98.0%
								11577		
	51	M	1001	2215	1272	4505	1061	10054	.76	43.2%
		L	2127	3814	1648	3586	2114	13289	1.00	56.8%
								23343		
	52	M	669	5933	15	1392	995	9004	1.00	50.0%
		L	225	4643	208	3356	596	9028	1.00	50.0%
								18032		
Ref	53	M	5	5149	—	430	6	5590	4.16	80.6%
		L	192	607	—	409	136	1344	1.00	19.4%
								6934		
	61	M	842	1831	1391	6744	751	11549	.88	46.8%
		L	1438	2644	3159	3004	2935	13180	1.00	53.2%
								24729		
	62	M	96	311	283	4076	6365	11131	.81	44.8%
		L	1311	2461	1028	4928	4016	13744	1.00	55.2%
								24875		

		①	②	③	④	⑤	⑥	⑦	⑧
63	M	143	1025	323	1448	2168	5107	.20	16.7%
	L	1143	6077	3035	7122	8296	25673	1.00	83.3%
							30780		
71	M	1357	782	1653	2722	3773	10287	.37	27.1%
	L	3538	5484	3674	6225	8585	27506	1.00	72.9%
72	M	1615	930	1712	2378	516	7151	.47	28.1%
	L	2328	2152	2960	1687	8368	17495	1.00	70.9%
							37763		
75	M		60	—	—	—	60	.53	34.6%
	L		113	—	—	—	113	1.00	65.4%
							173		
76	M	571	450	—	45	—	1066	.08	7.4%
	L	2371	3699	1452	601	4787	12910	1.00	92.6%
							13976		
78	M			16	190	38	244	.15	13.0%
	L			291	1158	174	1623	1.00	87.0%
							1867		
Based									
		Military	Civilian						
Total M-1	M						442345	.25	20.0%
	L	61639	1711504				1,773143	1.00	80.0%
	M						442345	.26	20.6%
	L		1711504				1711504	1.00	79.4%

IW
RITUZYUW RUEOFIA6147 0521526-UUUU--RUCLBRA.
ZNR UUUUU
R 211526Z FEB 73
FM CMC WASH DC
TO RUEOAIA/COMCABEAST CHERPT. NC
RUCLBRA/CG MARCORB CAMP LEJEUNE NC
INFO RUEBNMA/MCAS H NEW RIVER JACKSONVILLE NC
BT
UNCLAS//N11019//

//CORR COPY//
COMM NOTE UNDERLINED
PORT CORR BY ORIG
DESTROY ALL OTHER COPIES

Action
FAC

MEETING HQMC; COMCABEAST; MARCORB, CAMP LEJEUNE; MCAS (H), NEW RIVER REPS, 22-23 FEB 1973
A. CMC LTR COA-2-JAP OF 7 FEB 1973
B. CMC 141635ZFEB73
C. TELECON CLNC (COL MADER) AND HQMC (MR. WHEATON)
D. TELECON COMCABEAST (COL. BATES) AND HQMC (MR. WHEATON)
1. REF A AS MODIFIED BY REF B, PROPOSED A MEETING 22-23 FEB 1973 AT HQMC TO DISCUSS CONSOLIDATION OF REAL PROPERTY MAINTENANCE FUNCTIONS CLNC AND MCAS (H), NEW RIVER, NC.
2. THIS CONFIRMS REQUEST REF C THAT CLNC HOST THE MEETING FOR 20 REPS FROM COMCABEAST AND 8 FR HQMC W/DATE CH TO 28FEB-1MAR 1973.
3. RESPONSE TO REF D, DISCUSSION AT MEETING EXPECTED TO DISCUSS ALL FUNCTIONS OF PUBLIC WORKS DEPARTMENT AT MCAS (H), NEW RIVER LESS

PAGE 2 RUEOFIA6147 UNCLAS
FUNCTIONS OF TRANSPORTATION DIVISION AND HOUSING DIVISION.
BT
6147

1300

22 Feb 73

2392/IN TOR 21/2015Z/CB1/SL3 211526Z FEB 73

NNNNCZCRBA182
RITUZYUW RUEOFIA6147 0521526-UUUU--RUCLBRA.
ZNR UUUUU
R 211526Z FEB 73
FM CMC WASH DC
TO RUEOAIA/COMCABEAST CHERPT NC
RUCLBRA/CG MARCORB CAMP LEJEUNE NC
INFO RUEBNMA/MCAS H NEW RIVER JACKSONVILLE NC
BT
UNCLAS//N11019//
MEETING HQMC; COMCABEAST; MARCORB, CAMP LEJEUNE; MCAS (H), NEW RIVER REPS, 22-23 FEB 1973
A. CMC LTR COA-2-JAP OF 7 FEB 1973.
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PAGE 2 RUEOFIA6147 UNCLAS
BT
#6147

2.2 F(2)3

2392/IR TOR 21/2015Z/OB1/SL3 211526Z FEB 73

2-22-72

Other than Housing

Cost to Government	165,834,615
Replacement Cost	572,387,248

Housing

Cost to Government	36,493,113
Replacement Cost	84,166,645

Other Than Housing	165,834,615
Housing	36,493,113
Cost to Government	202,327,728

Other than Housing	572,387,248
Housing	84 166 645
Replacement Cost	656,553,893

2/21/73

Other than Housing

Numbered Buildings	1,534
Numbered Structures	749
Numbered Ranges	78
Unnumbered Facilities	149
	2,510

Housing

T.T.	1846	Quarters	593	Buildings
L.C.H	700	"	523	"
Capehart	800	"	800	"
P.P. R.R + B.B	400	"	400	"
Hosp.	24	"	24	"
Trailers	277	"	277	"
Trailer Spaces	225	"	225	"
	4272		2842	

Other than Housing	2510
Housing	2842
	5352

MARCORPS AIR STATION JACKSONVILLE NC (CLAIMANT..MARCORPS)

NEAREST CITY..JACKSONVILLE NC, S-3 MILES CLASS...NON-IND PERMANENT FUNCTION/PRODUCT..HELICOPTER BASE
COUNTIES..... STATUS..ACTIVE INITIALLY OCCUPIED..1942 OPERATOR..

LA[illegible]REAGE)

3,749.37	OWNED	955.36	LEASED			4,704.73	TOTAL
287.10	IMPROVED	105.53	SEMI-IMPROVED	3,902.51	UNIMPROVED	409.59	OTHER

UTILITIES/STRUCTURES CATEGORIZED

111	RUNWAYS	586,693.31	SY	32,200.00	LF	452	OPEN STOR/INST	61,002.00	SY		
112	TAXIWAYS	280,626.00	SY	30,260.00	LF	690	ADM STRUC/OTHER				EA
113	APRONS	787,546.00	SY			725	TRHSG/EMERGENCY		SF		MN
116	OTHER AFLD PVMT	15,818.00	SY			730	PERS SUPP/SVC		SF		MN
121	FUEL DISP/ACFT		SF	6.00	OL	750	COMMUNITY/EXTER				EA
123	FUEL DISP/LAND		SF	2.00	OL	811	ELECTRIC ENERGY		SF		KV
124	OPER FUEL STOR			541,000.00	GA	812	ELEC/DISTR TMSN		SF	88,089.00	LF
125	FUELG/POL LINES			2.00	MI	821	HEAT/BTU/HR/BH		SF	28,123.00	BH
126	FUELG DISP/OTR		SF	47.00	GM	822	HEAT/STM/TMSN			33,845.00	LF
132	COMMS/OTHER				EA	831	SAN SWGE TG		SF	30,000.00	GA
134	NAVTR AID/OTHER				EA	832	SEWAGE/COLLECT			12,900.00	LF
135	COMMS LINES			3.62	MI	841	POTABLE WATER		SF	300,000.00	GA
136	AFLD PVMT LTING			42,417.00	FT	842	WATER/DISTRIBTN			61,822.00	LF
154	WTRFR OP/SEAWAL			250.00	LF	851	ROADS	318,446.00	SY	30.05	MI
159	WTRFR OP/OTHER			120.00	EA	852	WALKS PARKING	158,514.11	SY		
164	HARBR CST/MARIN			365.00	LF	860	RAILROADS			.21	MI
179	TRAINING/OTHER				EA	871	GROUND/DRAINAGE			169,500.00	LF
211	MNT/AIRCRAFT				EA	872	GROUND/FENCING			12,540.00	LF
214	MNT/TANK AUTMV		SF			880	ALARM SYSTEMS			150.00	BX
219	MNT/INS REP OPN		SF			890	UTIL/MISC			500.00	LF
422	AMMO STOR/INST	700.00	SF	4,900.00	CF						

BUILDINGS CATEGORIZED

121	FUEL DISP/ACFT	194.00	SF		OL	1BG	550	DISPENSARIES	10,235.00	SF	5.00	BD	1BG
123	FUEL DISP/LAND	255.00	SF		OL	1BG	610	ADMINISTR OFFIC	68,912.00	SF			13BG
125	FUELG/POL LINES	594.00	SF		GM	2BG	711	FAM HSG/DWELLG	552,261.00	SF	435.00	FA	415BG
131	COMMS BUILDINGS	2,059.00	SF			2BG	722	TRHSG/EM/WO MES	180,277.00	SF	1,513.00	MN	8BG
133	NAV TR AID/BLDG	1,509.00	SF			3BG	723	TRHSG/DET FAC	41,144.00	SF	828.00	MN	1BG
141	LD OP/BLDG STRC	15,849.00	SF			2BG	724	TRHSG/BOQ	70,868.00	SF	175.00	MN	3BG
171	TRAINING/BLDGS	42,898.00	SF	595.00	MN	5BG	730	PERS SUPP/SVC	752.00	SF			2BG
179	TRAINING/OTHER				EA		740	COMMUNITY/INTER	140,406.00	SF			29BG
211	MNT/AIRCRAFT	203,291.00	SF			12BG	811	ELECTRIC ENERGY	1,831.00	SF		KV	3BG
214	MNT/TANK AUTMV	20,489.00	SF			8BG	821	HEAT/BTU/HR/BH	6,424.00	SF		BH	4BG
217	MNT/ELECNX/COMS	3,304.00	SF			3BG	831	SAN SWGE TG	425.00	SF		TG	1BG
218	MNT/MISC/PROC	960.00	SF			2BG	832	SEWAGE/COLLECT		SF		GM	1BG
219	MNT/INS REP OPN	18,692.00	SF			4BG	833	REFUSE & GARBAG	216.00	SF			2BG
310	R D TEST BLDGS	360.00	SF			1BG	841	POTABLE WATER	6,213.00	SF		TG	1BG
[illegible]	COV STOR/DEPOT	320.00	SF				842	WATER/DISTRIBTN	288.00	SF		GM	2BG
[illegible]	COV STOR/INST	103,562.00	SF			35BG	890	UTIL/MISC	1,185.00	SF			5BG
[illegible]	DENTAL CLINICS	1,440.00	SF				899	MISC USES	1,190.00	SF			

BUILDING TOTALS	NUMBER	SQUARE FEET	VACANT	UNUSABLE
PERMANENT	511	1,556,217		
SEMIPERMANENT	29	100,951		
TEMPORARY	55	55,941	2	
TOTAL	595	1,713,109	2	

USERS (U)

MARINE AIRCRAFT GROUP 26 09167(U)

SPECIAL/REMOTE AREAS (A)

HOLLY RIDGE	AD(A)
OAK GROVE	AE(A)
NEW RIVER HOUSING	AF(A)

HOUSING TOTALS: COST TO GOVERNMENT 7,545,345
REPLACEMENT COST 12,986,478

COST TO GOVERNMENT: LAND (CLASS 1) 107,798 IMPROVEMENTS (CLASS 2) 45,983,159
REPLACEMENT COST (CLASS 2) 88,298,426

4589
225

C.L.N.C.
Housing Units 4354
Housing Buildings 2919
Trailer Spaces 225

Buildings & Structures 2270
Other than Housing

2919
2270
225
Total 5414

CROSS REFERENCE INDEX

BLDG NO	CCN	BLDG NO	CCN	BLDG NO	CCN	BLDG NO	CCN	BLDG NO	CCN	BLDG NO	CCN	BLDG NO	CCN
12	442-30	414	740-01	841	812-12	1098	711-25	1202	711-25	1306	711-25	2080	711-27
92	841-55		740-23	842	690-15	1099	711-25	1203	711-25	1307	711-25	2081	711-26
97	831-30	416	740-23	843	141-40	1100	711-25	1204	711-25	1308	711-25	2082	711-26
99	841-55	418	851-90	845	821-22	1101	711-25	1205	711-25	1309	711-25	2083	711-26
101	812-12	419	124-65	846	159-60	1102	711-25	1206	711-25	1310	711-25	2084	711-27
102	730-25	420	821-22	847	159-90	1103	711-25	1207	711-25	1311	711-25	2085	711-26
103	812-12	421	821-22	849	217-10	1104	711-25	1208	711-25	1312	711-25	2086	711-26
106	841-55	422	821-22	850	832-30	1105	711-25	1209	711-25	1313	711-25	2087	711-26
107	841-40	423	442-10	852	831-30	1106	711-25	1210	711-25	1314	711-25	2088	711-27
108	841-40	424	442-10	862	812-12	1107	711-25	1211	711-25	1315	711-25	2089	711-26
109	214-30		610-10	870	750-52	1108	711-25	1212	711-25	1316	711-25	2090	711-26
110	841-10	500	730-90	873	442-10	1109	711-25	1213	711-25	1317	711-25	2091	711-26
112	171-10	501	214-55	899	442-10	1110	711-25	1214	711-25	1318	711-25	2092	711-26
	171-20	502	141-25	1000	750-90	1111	711-25	1215	711-25	1319	711-25	2093	711-26
113	442-10	504	211-10	1001	832-30	1112	711-25	1216	711-25	1320	711-25	2094	711-27
114	214-10		218-10	1002	841-55	1113	711-25	1217	711-25	1321	711-25	2095	711-26
115	831-30		610-10	1003	832-30	1114	711-25	1218	711-25	1322	711-25	2096	711-26
116	214-10		899-90	1011	711-25	1115	711-25	1219	711-25	1323	711-25	2097	711-26
117	214-10	506	890-90	1012	711-25	1116	711-25	1220	711-25	1324	711-25	2098	711-26
118	214-20	510	211-90	1013	711-25	1117	711-25	1221	711-25	1325	711-25	2099	711-26
119	214-20	512	211-90	1014	711-25	1118	711-25	1222	711-25	1326	711-25	2100	711-26
120	442-30	513	116-10	1015	711-25	1119	711-25	1223	711-25	1327	711-25	2101	711-26
122	219-10	514	890-90	1016	711-25	1120	711-25	1224	711-25	1328	711-25	2102	711-26
124	219-10	515	211-10	101[illegible]	711-25	1121	711-25	1225	711-25	1329	711-25	2103	711-26
	442-30	519	211-45	1018	711-25	1122	711-25	1226	711-25	1330	711-25	2104	711-26
125	219-25	520	131-22	1019	711-25	1123	711-25	1227	711-25	1331	711-25	2105	711-26
127	852-90	522	811-60	1020	711-25	1124	711-25	1228	711-25	1332	711-25	2106	711-27
128	442-30	523	132-10	1021	711-25	1125	711-25	1229	711-25	1333	711-25	2107	711-26
129	833-90	524	132-10	1022	711-25	1126	711-25	1230	711-25	1334	711-25	2108	711-26
130	442-10	525	132-10	1023	711-25	1127	711-25	1231	711-25	1335	711-[illegible]	2109	711-26
	610-10	563	690-30	1024	711-25	1128	711-25	1232	711-25	2000	750-[illegible]	2110	711-27
131	841-55	564	690-30	1025	711-25	1129	711-25	1233	711-25	2001	832-30	2111	711-26
135	442-10	565	812-12	1026	711-25	1130	711-25	1234	711-25	2002	841-40	2112	711-27
136	124-30	567	812-12	1027	711-25	1131	711-25	1235	711-25	2003	842-15	2113	711-26
137	124-30	570	116-40	1028	711-25	1132	711-25	1236	711-25	2005	871-50	2114	711-26
138	124-30	578	211-85	1029	711-25	1133	711-25	1237	711-25	2011	711-26	2115	711-26
140	124-30	579	218-60	1030	711-25	1134	711-25	1238	711-25	2012	711-26	2116	711-27
141	124-30	580	310-90	1031	711-25	1135	711-25	1239	711-25	2013	711-26	2117	711-26
142	124-50	581	442-10	1032	711-25	1136	711-25	1240	711-25	2014	711-26	2118	711-25
143	123-10	582	442-10	1033	711-25	1137	711-25	1241	711-25	2015	711-26	2119	711-26
144	125-15	583	141-30	1034	711-25	1138	711-25	1242	711-25	2016	711-26	2120	711-27
145	121-20		740-01	1035	711-25	1139	711-25	1243	711-25	2017	711-26	2750	750-57
146	125-15	584	442-10	1036	711-25	1140	711-25	1244	711-25	2018	711-26	2800	740-54
147	126-90	585	211-85	1037	711-25	1141	711-25	1245	711-25	2019	711-26		740-87
149	831-30	586	610-10	1038	711-25	1142	711-25	1246	711-25	2020	711-26	2801	831-30
150	124-30	587	217-30	1039	711-25	1143	711-25	1247	711-25	2021	711-26	2802	154-10
151	124-30	588	442-30	1040	711-25	1144	711-25	1248	711-25	2022	711-26	2803	750-60
153	214-55	589	219-90	1041	711-25	1145	711-25	1249	711-25	2023	711-26	2804	750-90
155	442-10	590	211-85	1042	711-25	1146	711-25	1250	711-25	2024	711-26	2805	750-60
156	214-40	591	610-10	1043	711-25	1147	711-25	1251	711-25	2025	711-26	2806	750-60
175	442-10	593	442-10	1044	711-25	1148	711-25	1252	711-25	2026	711-26	2850	750-57
179	219-90	594	610-10	1045	711-25	1149	711-25	1253	711-25	2027	711-26	2860	730-75
180	214-90	595	610-10	1046	711-25	1150	711-25	1254	711-25	2028	711-26	2861	831-30
181	214-90	597	171-20	1047	711-25	1151	711-25	1255	711-25	2029	711-26	3000	133-25
202	179-55	604	740-74	1048	711-25	1152	711-25	1256	711-25	2030	711-26	3002	134-62
	740-43	606	832-30	1049	711-25	1153	711-25	1257	711-25	2031	711-26	3500	134-90
	740-76	608	740-90	1050	711-25	1154	711-25	1258	711-25	2032	711-26	3501	831-30
203	841-55	609	831-30	1051	711-25	1155	711-25	1259	711-25	2033	711-26	3502	610-10
205	740-01	619	832-30	1052	711-25	1156	711-25	1260	711-25	2034	711-26	3503	132-10
	740-40	620	831-10	1053	711-25	1157	711-25	1261	711-25	2035	711-26	3504	214-10
206	832-30	622	831-10	1054	711-25	1158	711-25	1262	711-25	2036	711-26	3505	123-10
208	610-10	624	831-10	1055	711-25	1159	711-25	1263	711-25	2037	711-26	3506	841-50
	740-63	625	831-10	1056	711-25	1160	711-25	1264	711-25	2038	711-26	3507	812-12
209	833-40	626	831-10	1057	711-25	1161	711-25	1265	711-25	2039	711-27	3508	831-30
210	841-55	627	831-10	1058	711-25	1162	711-25	1266	711-25	2040	711-26	3509	214-90
211	722-10	628	831-10	1059	711-25	1163	711-25	1267	711-25	2041	711-27	3510	871-90
212	722-10	701	821-22	1060	711-25	1164	711-25	1268	711-25	2042	711-26	3511	124-50
213	722-10	702	724-15	1061	711-25	1165	711-25	1269	711-25	2043	711-27	3512	124-50
214	722-10	703	821-22	1062	711-25	1166	711-25	1270	711-25	2044	711-26	3513	811-90
215	722-10	704	724-15	1063	711-25	1167	711-25	1271	711-25	2045	711-26	3514	811-90
216	722-10	705	724-10	1064	711-25	1168	711-25	1272	711-25	2046	711-26	3515	811-10
217	722-10	708	740-89	1065	711-25	1169	711-25	1273	711-25	2047	711-27	3602	134-90
221	890-90	709	750-31	1066	711-25	1170	711-25	1274	711-25	2048	711-26	3604	134-90
222	171-20	710	740-60	1067	711-25	1171	711-25	1275	711-25	2049	711-28	3605	812-12
	610-10	711	133-35	1068	711-25	1172	711-25	1276	711-25	2050	711-26	3606	134-90
223	811-90	714	422-48	1069	711-25	1173	711-25	1277	711-25	2051	711-28	3608	134-90
224	131-40	715	134-10	1070	711-25	1174	711-25	1278	711-25	2052	711-26	3616	442-10
226	723-10	716	134-10	1071	711-25	1175	711-25	1279	711-25	2053	711-28	3617	179-90
227	812-12	720	164-20	1072	711-25	1176	711-25	1280	711-25	2054	711-26	3618	179-90
230	832-30	726	871-90	1073	711-25	1177	711-25	1281	711-25	2055	711-27	3619	812-12
232	740-01	804	610-10	1074	711-25	1178	711-25	1282	711-25	2056	711-26	3620	133-90
234	740-33	808	610-10	1075	711-25	1179	711-25	1283	711-25	2057	711-27	3621	812-12
236	740-10	810	442-10	1076	711-25	1180	711-25	1284	711-25	2058	711-26	4102	890-90
240	740-56	812	442-10	1077	711-25	1181	711-25	1285	711-25	2059	711-27	4104	116-10
245	750-20	813	442-10	1078	711-25	1182	711-25	1286	711-25	2060	711-26	4105	890-90
246	750-20	814	217-10	1079	711-25	1183	711-25	1287	711-25	2061	711-27	4110	442-10
247	750-20	815	442-10	1080	711-25	1184	711-25	1288	711-25	2062	711-26		610-10
248	750-20	816	740-34	1081	711-25	1185	711-25	1289	711-25	2063	711-26	4122	610-10
249	750-20	817	441-90	1082	711-25	1186	711-25	1290	711-25	2064	711-26	5001	841-55
250	750-10		442-10	1083	711-25	1187	711-25	1291	711-25	2065	711-26	5009	841-55
252	750-10	818	610-10	1084	711-25	1188	711-25	1292	711-25	2066	711-26	5010	740-90
254	750-10	819	812-12	1085	711-25	1189	711-25	1293	711-25	2067	711-26	5011	442-10
297	750-20	820	610-10	1086	711-25	1190	711-25	1294	711-25	2068	711-27	6001	725-10
298	750-20	821	690-10	1087	711-25	1191	711-25	1295	711-25	2069	711-26	6002	725-10
299	740-12	822	610-10	1088	711-25	1192	711-25	1296	711-25	2070	711-26	6003	725-10
302	540-10	824	740-66	1089	711-25	1193	711-25	1297	711-25	2071	711-26	6004	725-10
	550-10	827	740-36	1090	711-25	1194	711-25	1298	711-25	2072	711-27	6005	725-10
303	111-20	828	740-38	1091	711-25	1195	711-25	1299	711-25	2073	711-26	6006	725-10
310	841-30	829	690-10	1092	711-25	1196	711-25	1300	711-25	2074	711-27	6007	725-10
311	812-12	830	442-10	1093	711-25	1197	711-25	1301	711-25	2075	711-26	6008	725-10
312	171-10	832	730-75	1094	711-25	1198	711-25	1302	711-25	2076	711-27	6009	725-10
403	750-90		740-90	1095	711-25	1199	711-25	1303	711-25	2077	711-27	6010	725-10
410	740-30	833	821-22	1096	711-25	1200	711-25	1304	711-25	2078	711-26	6011	725-10
413	740-09	840	211-10	1097	711-25	1201	711-25	1305	711-25	2079	711-26	6012	725-10

(CONTINUED ON NEXT PAGE)

15C/ELH/ai

FEB 8 1973

Base Maintenance Officer

Assistant Chief of Staff, Facilities

Type A Annual Inspection Summary, validation of

1. Mr. O. B. CRUMPLER, Headquarters Marine Corps, Code COA-2, visited Base Maintenance on 29 through 31 January 1973 for the purpose of validating the Type A Annual Inspection Summary.

2. Mr. CRUMPLER visited the site of all deficiency code 1 items (repairs with an estimated cost over $10,000 per facility) including all previously validated facilities and spot checked items in deficiency codes 2, 3 and 5. He validated all items reported on the summary as follows:

Deficiency Code 1	$1,652,700.00
Deficiency Code 2	1,394,200.00
Deficiency Code 3	69,300.00
Deficiency Code 5	20,000.00
	$3,136,200.00

3. Line Item No. 3 of the supplement was validated, but no estimate is shown. Estimate will be forwarded at a later date.

E. A. VOM ORDE, JR.

	1	2	3	Total
FY '71	809.3	1,173.5	64.2 (5) 200	2,047.0
FY '72	935.5	1,531.7	64.5	2,551.7
FY '73	1,652.7 (1,703.7)	1394.2 (1,006.3)	69.3 (40.9) (5) 20.0	3,136.2 (2,825.9)

	1.1	2	3	Total
FY '71	809.3	1,173.5	64.2	2,047.0
FY '72	935.5	1,531.7	64.5 (5) 20.0	2,551.7
FY '73	1,703.7 1,652.7	1,006.3 1394.2	40.9 69.3 (5) 20.0	2,825.9 3,136.2

	1	2	3	Total
FY '71	809.3	1,173.5	64.2	2,047.0
FY '72	935.5	1,531.7	64.5 (5) 200	2,551.7
	1,703.7	1,006.3	40.9 (5) 200	2,820.9
FY '73	1,652.7	1394.2	69.3	3,136.2

18%

11/9/73

Col. Motor 15%

22
x 10,000

66% $220,000 - labor
33 110,000 - mtrl
$330,000

22.6
1,463 | 330.0
2926
3740
2926
8140

4.43
330 | 1463
1320
1430
1320
1100

22.6%

28

27

4A/MDD/mkc
P-11010/1
8 Feb 1973

BACKGROUND

1. Studies

a. In-house update of 1965-66 Consolidation Study during 1970-71.

b. Parallel detailed analysis requested/conducted by LantDiv, NavFac.

2. Scope Studies

a. MCAS functions re-studied:

(1) Facility Maintenance

(2) Quarters and Housing

(3) Motor Transport

(4) Civilian Personnel Management (Consolidation already implemented).

b. NavHosp functions also studied:

(1) Facility Maintenance

(2) Motor Transport

(3) Laundry

3. Recommendations

a. MCAS(H), New River

(1) Consolidate Facility Maintenance functions, contingent upon shifting mission/fiscal responsibility from COMCABEAST.

(2) Consolidate Quarters/Housing functions, contingent upon consolidation of maintenance/fiscal responsibility.

(3) Consolidate Motor Transport functions, also contingent upon mission/fiscal responsibility shift.

(4) Consolidate Civilian Personnel management function (Already accomplished).

b. NavHosp, CLNC - No further consolidation; i.e., no significant advantages from a management and economic standpoint.

4. Scope HQMC Conference

a. Facility Maintenance - Primary area of interest.

b. Engineering (MCON Planning/Programming) - Fallout area for discussion; i.e., MCAS PWO already works for ROICC(JAX)/Base PWO.

c. Quarters/Housing - Probable area; i.e., cannot divorce maintenance from Quarters/Housing operations and vice-versa.

d. Motor Transport - Possible area; i.e., only MCAS Public Works Department function remaining.

TYPE A AN AL INSPECTION SUMMARY - TRANSMITTAL SHEET

NAVFAC 9-1101 ZA (10-67)
Supersedes DOCK 2729
S/N-0105-00 220

REPORT NAVFAC 11014-1

Instructions for completing form are contained in NAVFAC P-322

1. FROM: COMMANDING OFFICER
MCAS(H) NEW RIVER

All facil ies inspected are in satisfactory condition cept those listed on Form NAVFAC 9-11014/ having essential deficiencies which can t be accomplished during the current cal year due to lack of resources.

W. S. SMYTH
BY DIRECTION

DATE 4 n 1973

2. E.F.D.

CODE

3. ACTIVITY CODE

4. ACTIVITY
MCAS(H) NEW RIVER
JACKSONVILLE, N. C. 28540

A [ ] YEARLY
B [ ] HALF-YEARLY

8. FOR PERIOD ENDING
31 DECEMBER 1972

FISCAL YEAR 73

5. TO
CMC (CODE COA-2)

6. VIA
COMCABEAST

7. COPIES TO

9. INSPECTED BY

[ ] ACTIVITY
[X] CONTINUOUS
[ ] FLEET
[ ] ONE-TIME COMPREHENSIVE
[ ] OTHER

10 FACILITIES NOT INSPECTED	11 REASON	12 DATE OF PREVIOUS INSPECTION	13 APPROXIMATE DATE OF NEXT INSPECTION
NONE			

14. FIRST E RSEMENT

FROM:

DATE:

Comment

BY DIRECTION

TYPE A ANNUA INSPECTION SUMMARY
NAVFAC 9-11014/6 (10-67)
Supersedes NAV KS 2730
S/N-0105-004-0 0

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC

Instructions for completing form are contained in NAVFAC P 322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE
2. ACTIVITY: MARINE CORPS AIR STATION (H), NEW RIVER, JACKSONVILLE, N. C. 28540
A [X] LESS HOUSING
B [ ] HOUSING
3. D.I.
4. FOR PERIOD ENDING: 31 DEC 1972
FISCAL YEAR: 1973
5. SHEET: 1 OF 5

	6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION ON EFD ON-SITE REVIEW	15 ITEM NO.
Resurface	R/W & T/W at MCOLF, Oak Grove		111		1	354.18		HQMC	4	1
Cathodic	rotection for Fuel Farm		121		1	12.72		HQMC	2	2
Repairs t	BLDG. 202, 204 & 204A		179		1	47.70		HQMC	2	3
Repairs &	Paint Hangar #504		211		1	137.50		HQMC	2 Funded	
Repair &	aint Hangar #515		211		1	52.00		HQMC	2 Funded	
Repair &	aint Hangar #840		211		1	45.00		HQMC	2 Funded	
Struct. E	ect. & Mech. Repairs Hangar 518		211		1	12.00		HQMC	2	7
Repairs t	Warehouse #424		442		1	52.03		HQMC	2 Funded	
Struct. E	ect. Repairs & Paoint Brks 211		722		1	16.28		HQMC	2	9
Repairs t	Messhall #226		723		1	106.00		HQMC	2 Funded	10
Repairs &	Painting Chapel #234		740		1	29.85		HQMC	2	11
Replace A	r/Cond Unit A C.O.M. Open #710		740		1	10.40		HQMC	2	12
Repairs t	Service Club #208		740		1	29.86		HQMC	2	13
Repair El	ct. Overhead Distr System		812		~~Recondition~~ 1	56.07		HQMC	2 Funded	

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-11014/62 (0-67)
Supersedes NAVFAC KS 2730
S/N-0105-004-02

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 1

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE | 2. ACTIVITY | A LESS HOUSING | B HOUSING | 3. U.I.C. | 4. FOR PERIOD ENDING | FISCAL YEAR | 5. SHEET 2 OF 5

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO
Repairs to Aircraft Parking Apron		813		1	207.14		HQMC	2	15
Replace Emg. Generator At Steam Plant $422		821		1	18.00		HQMC	1	16
Replace Steam Condensate Return Lines		822 Re-evaluate		1	73.69		HQMC	8	17
Repairs to Water Supply & Treatment Facilities		841		1	35.55		HQMC	2	18
Exterior Painting Elevated Water Tanks		841		1	13.06		HQMC	2	19
Repair Unpaved Roads		851		1	25.44		HQMC	2	20
Resurface Paved Roads		851		1	92.46		HQMC	4	21
SUBTOTAL					1,426.93				
				-	448.60				
				-	978.33				
Struct. Mech., Elect. Repairs & Paoint Admin Bldgs. 425 818, 820, 822 & 3502		610		2	11.49		LOCAL	2	1
Struct., Plumb., Elect. Mech. Repairs & Paint Troop Housing Bldgs. 215, 216, 217, 702, 704, 4010		722		2	37.96		HQMC	3	2
Struct., Elect. Repairs & Paint Community Facilities Bldgs. 232 234, 240, 299, 410, 604, 608, 814, 816 & 824		740		2	11.26		LOCAL	2	3

TYPE A ANN L INSPECTION SUMMARY
NAVFAC 9-11010 (10-67)
Supersedes NAVDOCKS 2730
S/N-0105-004-5200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 11010-1

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CO	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
		A LESS HOUSING B HOUSING			FISCAL YEAR	3

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF LAST VALIDATION ON-SITE REVIEW
Mech. El ct. Repairs & Paint. Lift Stations 206, 230 426, 517, 606, 619, 850 & 1003		832		2	11.31		LOCAL	2
SUBTOTAL					72.02			
Mech. Re airs & Paint Fuel Storage Tanks 136, 137, 138 140, 141, 150, 151, 419, 420, 421, 701 & 703		124		3	6.32		LOCAL	
Repair C thodic Protection System at Fuel Far		124		3	6.50		LOCAL	
Struct. epairs & Paoint Fuel Dispensing Faciliti s 144, 145 & 147		125		3	1.69		LOCAL	
Elect. R pairs & Paint Land Operation Bldgs. 502 & 58		141		3	7.94		LOCAL	
Struct., Mech. Repairs & Paint Training ldgs 22 , 312 & 5010		171		3	1.49		LOCAL	
Struct., Elect. & Mech. Repairs & Paint Aircraft Maint. Bldgs. 569, 574, 575, 576 578, 589 590, 4106 & 4108		211		3	6.67		LOCAL	
Struct., Roof, Elect. Repairs & Paint Vehicle Maint. S ops 116, 117, 118, 119 & 3504		214		3	7.21		LOCAL	
Replace arge Vehicle Door in Ground Electronics Shop Blc 849		217		3	1.80		LOCAL	

TYPE A AN AL. INSPECTION SUMMARY
NAVFAC 9-11G 2 (10-67)
Supersedes VDOCKS 2730
S/N-0105-0 0200

UNFUNDED FACILITIES DEFICIENCIES

Instructions for completing form are contained in NAVFAC P-322
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

REPORT NAVFAC

1. ACTIVITY C	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5.
		A LESS HOUSING B HOUSING			FISCAL YEAR	4

	6	7	8	9	10	11	12	13	14	
	DESCRIPTION	PROJECT NUMBER	CATEGORY CODE	P-99 LINE ITEM	DEFICIENCY CODE	UNFUNDED $ COST OF LINE ITEM DEFICIENCY	FUNDED	RESPONSIBLE FUNDING SOURCE CODE	DATE OF LEFD VALIDATION OR LEFD ON-SITE REVIEW	
	Struc., ech & Elect. Repairs & Paint Ground Support Equ ot. Bldgs. 577 & 579		218		3	3.87		LOCAL		9
	Mech. Re airs & Paint P. W. Office & Shops Bldg 122 & 124		219		3	1.90		LOCAL		10
	Struct., Elect. & Mech. Repairs & Paint Storage ldgs. 130, 135, 423, & 817		441		3	5.57		LOCAL		11
	Struct., Roof, elect. Repairs & Paint Organizational Storage ldgs 113, 120, 583, 585, 593, 594 & 863		442		3	2.24		LOCAL		12
	Struct., Plump. Repair & Paint Dispensary Bldg. 30		550		3	3.04		LOCAL		13
	Struct., Elect. & Mech. Repairs & Paint Messhall Bldg. 40 2		723		3	3.00		LOCAL		14
	Struct. epairs & Paint Community Recreation Faciliti s Bldgs. 2800, 2860, 207 & 870		740		3	2.10		LOCAL		15
	Struct., Elect. & Mech. Repairs to Steam Plant dg. 42		821		3	5.55		LOCAL		16
	Struct., Plumb, Mech. Repairs & Paint Water Supply & Treatm nt Facilities Bldg. 106, 110, 131, 203, & 210		841		3	5.52		LOCAL		17
	Repairs o Station Storm Drainage Ditches		871		3	7.70		LOCAL		18
	SUBTOTAL					80.11				

TYPE A A UAL INSPECTION SUMMARY
NAVFAC 9 1 /62 (10-67)
Supersede AVDOCKS 2730
S/N-0105- -0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 1101

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY E | 2. ACTIVITY | A LESS HOUSING | B HOUSING | 3. U.I.C. | 4. FOR PERIOD ENDING | FISCAL YEAR | 5. SHEET 5 OF 5

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	LINE NO.
Elect. epair & Paint. Communication Bldgs. 224 & 00		131		4	.61		LOCAL		1
Mech. Elect. Repairs BOQ 705		724		4	.54		LOCAL		2
Struct. Repairs & Paint Bldg. 100 & 102		730		4	.88		LOCAL		3
Struct . Elect. Repairs to Transformer Vault 9		812		4	.20		LOCAL		4
Paint t. & Ext. Office & Lab Bldg 628		831		4	.25		LOCAL		5
Paint rbage Can Cleaner Bldg. 209		833		4	.21		LOCAL		6
SUBTOTAL					2.69				
GRAND TOTAL					1,581.75				

TYPE A ANNU[illegible] INSPECTION SUMMARY
NAVFAC 9-11014/[illegible] (10-67)
Supersedes NA[illegible]OCKS 2730
S/N-0105-004-[illegible]00

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC [illegible]

Instructions for completing form are contained in NAVFAC P-322
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
	MCAS(H), New River Jacksonville, N. C. 28540	A [X] LESS HOUSING B [ ] HOUSING		31 Dec. 1971	FISCAL YEAR 1973	1 OF 5

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO
Resurfac[illegible] R/W and T/W at M.C.OLF Oak Grove	R4-68	111		1	322,000		1804		1
Resurfac[illegible] Taxiways at MCAS(H)	R1-63	112		1	124,500	CMC	1804		2
Structura[illegible], Electrical, and Mechanical Repairs. Interior and Exterior Painting - Bldg. 51[illegible]	R3-72	211		1	17,844		1804		3
Structura[illegible], Electrical, Plumbing, and Mechanic[illegible]l Repairs. Interior and Exterior [illegible]ainting - Bldg. 504	R4-72	211		1	18,146		1804		4
Replace [illegible]oof and replace exhaust hoods and fans in G[illegible]lley - Bldg. 226		723		1	24,155		1804		5
Structura[illegible] and Mechanical Repairs. [illegible]nterior [illegible]nd Exterior Painting - Bldg. 236	R12-72	740		1	11,171		1804		6
Replace [illegible]nderground electrical cable to 800 Area and M.O.Q.	R7-72	812		1	~~47,074~~ 22901	CMC	1804		7
Replace [illegible]ondensate lines	R2-64	822		1	37,200		1804		8
Resurfac[illegible] paved roads	R3-68	851		1	72,800		1804		9
SUB [illegible]OTAL					674,890				

TYPE A ANN AL INSPECTION SUMMARY
NAVFAC 9-1101 62 (10-67)
Supersedes VDOCKS 2730
S/N-0105-00 0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC

Instructions for completing form are contained in NAVFAC P-322
If continuation sheets are required, use this Form. Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CO	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING	FISCAL YEAR	5. SHEET
	MCAS(H), New River Jacksonville, N. C. 28540	A [X] LESS HOUSING B [ ] HOUSING		31 Dec. 1971	1973	2 OF 5

6. DESCRIPTION	7. PROJECT NUMBER	8. CATEGORY CODE	9. P-99 LINE ITEM	10. DEFICIENCY CODE	11. UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12. FUNDED	13. RESPONSIBLE FUNDING SOURCE CODE	14. DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15. LINE NO.
Structur l, Electrical, and Mechanical Repairs Interior and Exterior Painting - Bldgs. [3] 4106 4108 and 840		211		2	11,459		1804		10
Structur l, Electrical, Mechanical, and Roof Repairs. Interior and Exterior Painting - Bldgs. [09], 114 116, 117, 118 and 119		214		2	10,362		1804		11
Structur l Repairs. Interior and Exterior Painting - Bldgs. 113, 120, 128, 130 135, 424, 808, 810 812 813, and 815		442		2	11,610		1804		12
Structur l, Mechanical, and Electrical Repairs Interior and Exterior Painting - Bldgs. 1 01, 202, 204, 204A, 208, 234 240, 410, 413, 414 416 and 827		740		2	33,250		1804		13
SUB TOTAL					66,681				
Repair C athodic Protection System at Fuel Fa m	R1-72	124		3	7,500		1804		14
Structur l, Mechanical Repairs. Interior and Exte rior Painting - Bldg. 502		141		3	7,530		1804		15
Structur l, Electrical, Mechanical, and Roof Repairs Interior and Exterior Painting - Bldgs. [2] 222 and 312		171		3	2,732		1804		16

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-1014/62 (10-67)
Supersedes NAVDOCKS 2730
S/N-0101-004-0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC

Instructions for completing form are contained in NAVFAC P-322
If continuation sheets are required use this form. Fill out Blocks 2, 5, and 6 thru 15 only

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING	FISCAL YEAR	5. SHEET
	MCAS(H), New River Jacksonville, N. C. 28540	A [X] LESS HOUSING B [ ] HOUSING		31 Dec. 1971	1973	3 OF

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15
Structural and Electrical Repairs - Bldgs. 569 and 574		211		3	1,130		1804		1
Structural Repairs and Painting Bldg. 849		217		3	2,390		1804		1
Structural, Mechanical, and Roof Repairs. Interior and Exterior Painting - Bldgs. 122 and 12[illegible]		219		3	5,223		1804		19
Structural and Mechanical Repairs. Exterior Painting Fuel Storage Tanks - Bldgs. 419, 420 and 421		411		3	1,461		1804		20
Structural, Mechanical, and Electrical Repairs. Interior and Exterior Painting - Bldg. 102		550		3	4,433		1804		21
Structural, Mechanical, and Electrical Repairs. Interior and Exterior Painting - Bldgs. 211 and 4010		722		3	4,886		1804		22
Structural Repairs, Exterior Painting, and Grade, Fertilize, and Seed Baseball Field - Bldgs. 204, 207, 246		750		3	3,872		1804		23
Repair to Electrical Distribution		812		3	4,783		1804		24
Repair to Steam Distribution		822		3	3,465		1804		25

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-110[illegible]/82 (10-67)
Supersedes NAVDOCKS 2730
S/N-0105-0[illegible]-0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 1[illegible]019-1

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5 and 6 thru 15 only.

1. ACTIVITY CODE:
2. ACTIVITY: MCAS(H), New River, Jacksonville, N. C. 28540 — A [X] LESS HOUSING, B [ ] HOUSING
3. U.I.C.:
4. FOR PERIOD ENDING: 31 Dec. 1971 — FISCAL YEAR: 1973
5. SHEET: 4 OF 5

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
Replac Septic Tank with Sewer Line - Bldg. 9	CONSTRUCTION	831		3	6,000		1804		2
Paint E evated Water Tank - Bldg. 310 4130	added after R5-72	843		3 2	~~11,2~~ ~~6,500~~ 6,500	27.0	1804		27
Mainte ance to Drainage ditches		871		3	4,719		1804		28
SUB TOTAL					~~53,124~~ ~~56,624~~ 60,124				
Paint I erior and Exterior - Bldg. 143		123		4	159		1804		29
Replac Door and Paint Interior and Exterior Bldgs. 144, 146		125		4	666		1804		30
Structu al Repairs - Bldg. 105		610		4	263		1804		31
Structu al Repairs and Painting - Bldg. 102		730		4	825		1804		32
Structu al, Electrical, and Mechanical Repair Interior and Exterior Painting - Bldg. 4 2		821		4	954		1804		33
Structu al and Mechanical Repairs. Interio and Exterior Painting - Bldg. 209		833		4	138		1804		34
Roof R airs and Painting - Bldg. 106 and 110		841		4	466		1804		35

TYPE 2 ANNUAL INSPECTION SUMMARY
NAVFAC 9[illegible]110[illegible] 62 (10-67)
Supersedes [illegible] VDOCKS 2330
S/N-0105-00[illegible] 0200

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC

Instructions for completing form are contained in NAVFAC P-322
If continuation sheets are required, use this form. Fill out Blocks 2, 5, and 6 thru 15 only

1. ACTIVITY CODE	2. ACTIVITY	LESS HOUSING	3. U.I.C.	4. FOR PERIOD ENDING	FISCAL YEAR	5. SHEET
	MCAS(H), New River Jacksonville, N. C. 28540	A [X] B [ ] HOUSING		31 Dec. 1971	1973	5 OF 5

6. DESCRIPTION	7. PROJECT NUMBER	8. CATEGORY CODE	9. P-99 LINE ITEM	10. DEFICIENCY CODE	11. UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12. FUNDED	13. RESPONSIBLE FUNDING SOURCE CODE	14. DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15. LINE NO.
Paint F[illegible]ncing at Officer's Pool - Bldg. 709		872		4	405	LOCAL FUND	1804		36
Paint F[illegible]re Alarm Stations and Boxes		880		4	517		1804		37
SUB TOTAL					4,393				
[ ] BLDGS. INCLUDED IN ABBREVIATED REPAIR PROJECTS CONTRACT NO. N62470-72-B-1[illegible]08 ($162,815) ADDITIONAL O&MN FUND PROVIDED BY CMC									

Total for Def Code 3

C-1200

REPORT NAVFAC [illegible]

TYPE A [illegible]UAL [illegible]NSPECTION SUMMARY - TRANSMITTAL SHEET

NAVFAC 9-[illegible]/62A [illegible]-67)
Supersedes NAVD[illegible] [illegible]2729
S/N-0105-004-02[illegible]

Instructions for completing form are contained in NAVFAC P-322

1. FROM Comm[illegible]ding Officer
MCAS [illegible]) New River

All facilitie[illegible] inspected are in satisfactory condition exc[illegible] those listed on Form NAVFAC 9-11014/62, [illegible]ing essential deficiencies which cannot [illegible] accomplished during the current fisc[illegible] year due to lack of resources.

DATE 15 [illegible] 71 BY DIRECTION

2. E.F.D. LANTDIV

CODE 05

3. ACTIVITY CODE 8112-510

4. ACTIVITY MARINE CORPS AIR STATION (HELICOPTER)
New River, Jacksonville, N.C. 28540

8. FOR PERIOD ENDING 31 December 1970

FISCAL YEAR 19[illegible]

5. TO CMC (Code COM)

6. VIA COMCABEAST

7. COPIES TO

9. INSPECTED BY

[X] CONTINUOUS

[ ] ONE-TIME COMPREHENSIVE

10 FACILITIES NOT INSPECTED										11 REASON	12 DATE OF PREVIOUS INSPECTION	13 APPROXIMATE DATE OF NEXT INSPECTION
230	422	[illegible]5	622	628	726	820	1001	4104		The acceptance of the newly constructed training group facilities at this activity has caused a tremendous workload for the Maint. Control Div. Many manhours have been used to plan & estimate for the installation of support equipment and the inspection of the facilities for design & construction deficiencies. With our limited number of personnel it is impossible to accomplish station inspection and the added workload as described above.	1969	
234	423	[illegible]4	624	714	804	822	1002	4110				
299	424	[illegible]5	625	715	806	824	1003	4120				
302	425	[illegible]1	626	716	816	828	2803	4122				
416	518	[illegible]0	627	718	818	830	2860	4125				
				719	819	895	3000	4130				
						899	3002	4140				
							3502	4150				
							3504					
							4012					

14. FIRST END[illegible]EMENT

DATE:

FROM:

Comments

BY DIRECTION

TYPE A ANNU/ INSPECTION SUMMARY
NAVFAC 9-7014/6 (10-67)
Supersedes NAVFACS 2730
S/N-0105-004-0

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 11014-1

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING	FISCAL YEAR	5. SHEET
8112-51C	MCAS(H), NEW RIVER JACKSONVILLE, N. C. 28540	A [X] LESS HOUSING B [ ] HOUSING	62573	31 DECEMBER 1970	1972	1 OF 4

	6	7	8	9	10	11	12	13	14	15
	DESCRIPTION	PROJECT NUMBER	CATEGORY CODE	P-99 LINE ITEM	DEFICIENCY CODE	UNFUNDED $ COST OF LINE ITEM DEFICIENCY	FUNDED	RESPONSIBLE FUNDING SOURCE CODE	DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	LINE NO
RESURFAC	R/W AND T/W AT M.C.OLF OAK GROVE	R4-68	11111	1032	1	322,000.		1804		1
RESURFAC	TAXIWAYS AT M.C.A.S. (H)	R1-63	11211	1032	1	124,500.		1804		2
REPAIR H	IGAR ROOF - BLDG. 504	R2-70	21110	1002	1	11,456.		1804		3
REPLACE 800 AREA	NDERGROUND ELECTRICAL CABLE TO AND M.O.Q.		81230	1071	1	47,074.		1804		4
REPLACE	NDENSATE LINES E.S.R.	R2-64	82210	1072B	1	37,200.		1804		5
RESURFAC	PAVED ROADS	R3-68	85111	1031	1	72,800.		1804		6
STRUCTUR REPAIRS	, MECHANICAL, ELECTRICAL, PLUMBING - BLDG. 504 - AND EXTERIOR PAINT		21110	1002	2	19,000.		1804		7
STRUCTUR REPAIRS	, MECHANICAL, ELECTRICAL, PLUMBING D PAINTING - BLDG. 226		72310	1007	2	46,290.		1804		8
STRUCTUR REPAIRS	, MECHANICAL, ELECTRICAL, PLUMBING D PAINTING - BLDG. 515,840,&4108		21110	1002	3	10,111.		1804		9
INSULATE	/C DUCTING - BLDG. 222		17120	1001	4	3,640.		1804		10
STRUCTURA BLDG. 116	, ELECTRICAL REPAIRS AND PAINTING -		21410	1002	4	400.		1804		11
STRUCTURA REPAIRS A	, MECHANICAL, PLUMBING, ELECTRICAL D PAINTING - BLDGS. 114,119,&118		21420	1002	4	5,665.		1804		12

YPE A ANNUAL SPECTION SUMMARY

UNFUNDED FACILITIES DEFICIENCIES

AVFAC 9-11014/62 (1 7)
upersedes NAVDOCK 2730
/N-0105-004-0200

Instructions for completing form are contained in NAVFAC P-322
If continuation sheets are required, use this form - Fill out Blocks 2, 5, and 6 thru 15 only.

ACTIVITY CODE	ACTIVITY	LESS HOUSING	3. U.I. CODE	4. FOR PERIOD ENDING	FISCAL YEAR	SHEET
8112-510	MCAS(H), NEW RIVER JACKSONVILLE, N. C. 28540	A X B	62573	31 DECEMBER 1970	1972	2 OF 4

	6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
PAINT EXT	IOR OF REFUELER MAINT. SHOP - BLDG. 109		21430	1002	4	208		1804		13
STRUCTURA	REPAIRS - BLDG. 849		21710	1053H	4	2,390		1804		14
STRUCTURA PAINTING	, MECHANICAL REPAIRS AND EXTERIOR BLDGS. 122 AND 124		21910	1002	4	8,892		1804		15
REPLACE G BLDG. 112	TTERS - MABS-26 UTILITIES SHOP -		21990	1002	4	175		1804		16
REPLACE D BLDG. 13	ORS (2) OVERHEAD (1) ENTRANCE -		44110	1004	4	1,400		1804		17
PAINT EXT	RIOR - BLDG. 113		44135	1004	4	163		1804		18
STRUCTURA 810, 812,	REPAIRS AND PAINTING - BLDGS. 813, 814, 815, AND 817		44210	1004	4	5,443		1804		19
REPLACE S BLDG. 11	PTIC TANK WITH SEWER LINE -		44718	1066	4	4,000		1804		20
STRUCTURA BLDGS. 1	AND ELECTRICAL REPAIRS - AND 595		61010	1006	4	679		1804		21
STRUCTUR REPAIRS	, MECHANICAL, ELECTRICAL, PLUMBING D PAINTING - BLDGS. 702,704,4010		72210	1007B	4	2,600		1804		22
STRUCTUR BLDG. 50	REPAIRS AND EXTERIOR PAINTING -		73010	1009	4	3,506		1804		23

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-11014/62 (9-67)
Supersedes NAVDOCKS 2730
S/N-0105-004-020

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC 11014-51

Instructions for completing form are contained in NAVFAC P-322
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING	FISCAL YEAR	5. SHEET
8112-510	MCAS(H), NEW RIVER JACKSONVILLE, N. C. 28540	A [X] LESS HOUSING B [ ] HOUSING	62573	31 DECEMBER 1970	1972	3 OF 4

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
INTERIOR AND EXTERIOR REPAIRS TO GATE HOUSE - BLDG. 102		73025	1009	4	192		1804		24
REPAIRS TO ROOF - BLDG. 232		74001	1009	4	1,050		1804		25
STRUCTURAL AND MECHANICAL REPAIRS - BLDG. 236		74010	1009	4	365		1804		26
REPLACE CEILING - BLDG. 414		74023	1009	4	3,669		1804		27
STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL REPAIRS AND PAINTING - BLDG. 208		74040	1009	4	5,042		1804		28
STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL REPAIRS AND PAINTING - BLDG. 202		74043	1009	4	9,371		1804		29
STRUCTURAL, MECHANICAL, ELECTRICAL REPAIRS AND EXTERIOR PAINTING - BLDG. 240		74056	1009	4	1,200		1804		30
REPLACE ROOF - BLDG. 604		74074	1009	4	1,044		1804		31
STRUCTURAL REPAIRS AND PAINTING - BLDG. 708		74089	1009	4	790		1804		32
STRUCTURAL, PLUMBING REPAIRS AND PAINTING - BLDG. 204		75030	10530	4	1,570		1804		33
REPAIRS TO TRANSFORMER BANK		81212	1071	4	3,110		1804		34
TREAT 330 POWER POLES		81230	1071	4	1,675		1804		35

TYPE A ANNUAL INSPECTION SUMMARY
NAVFAC 9-11014/62 (0-67)
Supersedes NAVFAC KS 2730
S/N-0105-004-0

UNFUNDED FACILITIES DEFICIENCIES

REPORT NAVFAC [illegible]

Instructions for completing form are contained in NAVFAC P-322.
If continuation sheets are required, use this Form - Fill out Blocks 2, 5, and 6 thru 15 only.

1. ACTIVITY CODE	2. ACTIVITY		3. U.I.C.	4. FOR PERIOD ENDING		5. SHEET
8112-510	MCAS(H), NEW RIVER JACKSONVILLE, N. C. 28540	A [X] LESS HOUSING B [ ] HOUSING	62573	31 DECEMBER 1970	FISCAL YEAR 1972	4 OF [illegible]

6 DESCRIPTION	7 PROJECT NUMBER	8 CATEGORY CODE	9 P-99 LINE ITEM	10 DEFICIENCY CODE	11 UNFUNDED $ COST OF LINE ITEM DEFICIENCY	12 FUNDED	13 RESPONSIBLE FUNDING SOURCE CODE	14 DATE OF EFD VALIDATION OR EFD ON-SITE REVIEW	15 LINE NO.
PAINT EXTERIOR OF WATER TREATMENT PLANT - BLDG. 11		84110	1063A	4	225		1804		36
PAINT ELEVATED WATER TANK		84130	1063A	4	4,000		1804		37
MAINTENANCE TO DRAINAGE DITCHES		87120	1044	4	4,719		1804		38

FACILITIES PROJECTS REQUEST
NAVMC 10549-SD (REV. 3-66)
Previous editions are obsolete and will not be used

DATE: 1-12-71

MCAS(H), NEW RIVER, JACKSONVILLE, N. C. 28540
TITLE OF PROJECT

REPLACE UNDERGROUND ELECTRICAL CABLE

ESTIMATED PROJECT COST $44,410

CONSTRUCTION

- [ ] NEW FACILITY
- [ ] REPLACEMENT
- [ ] ADDITION
- [ ] REPAIR
- [ ] EQUIPMENT INSTALLATION
- [ ] CONVERSION
- [ ] ALTERATION
- [ ] INSTALLATION FIRE PROTECTION
- [ ] MAINTENANCE

ESTIMATED FUNDED COST $47,074 | REQUESTED FUNDS $47,074

FACILITY REPLACEMENT COST

1. Check, fill in or modify as appropriate

a. Is the project to be performed on facilities now in use for fulfilling assigned mission? [X] YES [ ] NO*

b. Is the project to be accomplished on Marine Corps-owned land? [X] YES [ ] NO*

c. Is the project to be accomplished in conjunction with any other project submitted in this program? [ ] YES** [X] NO

d. It is recommended that project be accomplished by [X] CONTRACT [ ] ~~STATION~~ Activity FORCES

* If the answer is "NO" explain under "Brief Description"

** If the answer is "YES" explain under "Brief Description" and identify the project

2. Brief Description *(Add continuation sheet when required)*

REMOVE EXISTING LEAD COVERED CABLE APPROXIMATELY 7600 LF AND REPLACE WITH SINGLE CONDUCTOR SHIELDED CROSS-LINKED POLYETHYLENE. SPLICE IN EXISTING MANHOLES.

3. Purpose *(Add continuation sheet when required)*

TO PROVIDE TROUBLE FREE ELECTRICAL SERVICE TO OPERATIONS BLDG. AND M.O.Q.

4. Justification *(Add continuation sheet when required)*

5. Certification *(Add continuation sheet when required)*

(Signature Activity Commander)

6. Accompanying Data

- [ ] a. CERTIFICATE OF URGENCY
- [ ] b. ENGINEERING ESTIMATE (NAVDOCKS 2417)
- [ ] c. LOCATION ~~PLANS~~ Site Maps
- [ ] d. DRAWINGS
- [ ] e. PICTURES
- [ ] f. ECONOMICS EVALUATION (NAVDOCKS ~~7000~~ 2764)

Figure IIA-1

1. Lead Activity Concept

A Do work on

1 Common Support Service without reimbursement

2. Cross Service Support with reimbursement

1. Lead Activity

A Do work on

1 Common Support Service without reimbursement

2. Cross Service Support With reimbursement

Lead - Act Work on Reimb Basis

Support

Common Service

Fac.

Financed by

Common Support — C.P.O
Without Reimb

Cross Service
Reimb

Maint

DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, D. C. 20380

MCBul 11013
COA-1-skg
27 Dec 1972

Opns
M&R

MARINE CORPS BULLETIN 11013

From: Commandant of the Marine Corps
To: Distribution List

Subj: Fiscal Year 1973 Military Construction Program

Ref: (a) Pub. Law 92-545, Military Construction Authorization (NOTAL)
(b) Pub. Law 92-547, Military Construction Appropriation (NOTAL)

Encl: (1) Fiscal Year 1973 Military Construction Projects Approved by Congress

1. Purpose. To provide information concerning the current status of the Fiscal Year 1973 Military Construction Program, following final congressional action.

2. Information. Enclosure (1) lists the respective authorization and appropriations for projects contained in the Fiscal Year 1973 Military Construction Program as reflected in references (a) and (b).

3. Reserve Applicability. This Bulletin is not applicable to the Marine Corps Reserve.

4. Self-Cancellation. 31 May 1973.

J. R. Jones
J. R. JONES
By direction

DISTRIBUTION: CC less 7000162
plus 7000162 (100)

FOR OFFICIAL USE ONLY

Designation is canceled upon removal of FOUO enclosure.

PCN 102 113827 00

FISCAL YEAR 1973 MILITARY CONSTRUCTION PROJECTS
APPROVED BY CONGRESS

Activity	P-Number	Project	Authorization Pub. Law 92-545 ($000)	Appropriation Pub. Law 92-547 ($000)
MCSC, Albany	019	Dining Facility Modernization	$ 236	$ 236
MCSC, Barstow	070	Sewage Treatment Facility	3,854	3,854
MCAS, Beaufort	190	Bachelor Enlisted Quarters Modernization (1,344 men)	2,272	2,272
	194	Bachelor Officers Quarters Modernization (80 men)	485	485
MCB, Camp Lejeune	058	Administration Building, Force Troops Complex	1,122	1,122
	061	Bachelor Enlisted Quarters (1,500 men), Force Troops Complex	5,654	5,654
	062	Dining Facility, Force Troops Complex	998	998
	094	Armory, Infantry Training Regiment	475	475
	113	Utilities, Force Troops Complex	1,360	1,360
	136	Laundry Addition	63	63
	408	Bachelor Enlisted Quarters (216 men)	319 1/	319
MCB, Camp Pendleton	104	Dispensary, Chappo	1,260	1,260
	152	Dining Facility, Headquarters Area	842	842
	153	Bachelor Enlisted Quarters (828 men), Headquarters Area	4,108	4,108
	176	Liquified Petroleum Gas System	425	425
	188	AMTRAC Maintenance Facility	2,848	2,848
	193	Ammunition Storage Facility	1,218	1,218
	441	Bachelor Enlisted Quarters (576 men), San Mateo	2,724	2,724
	458	Bachelor Enlisted Quarters (216 men), Chappo	1,122	1,122

ENCLOSURE (1)

Activity	P-Number	Project	Authorization Pub. Law 92-545 ($000)	Appropriation Pub. Law 92-547 ($000)
MCB, Camp Pendleton (con.)	562	Sewage Treatment, Las Flores	$ 384	$ 384
	572	Telephone System Improvements	425	425
MCAS, Cherry Point	671	Bachelor Enlisted Quarters (504 men)	2,143	2,143
	705	Wash/Backwash Treatment Facility	310	310
MCALF, Camp Pendleton	007	Airfield Lighting	336	336
	205	Maintenance Hangar/Shop Complex	2,660	2,660
MCAS, El Toro	125	Refueler Vehicle Maintenance Facility	212	212
	163	Ground Support Equipment Facility	311	311
MCAS, Orange County	212	Land Acquisition and Easements	40,379 2/	0
FMFLant, Norfolk	602	Bachelor Enlisted Quarters (468 men)	2,046	2,046
	674	Utilities	556	556
MCRDep, Parris Island	076	Woman Marine Complex (423 women)	4,612	4,612
MCAS(H), New River	158	Marine Observation Squadron (VMO) Hangar	2,001	2,001
	179	Bachelor Enlisted Quarters (426 men)	1,747	1,747
MCAS, Kaneohe Bay	017	Electrical Distribution Feeder	296	296
	018	Aircraft Corrosion Control Facility	256	256
	105	Aircraft Power Check Facility	498	498
	146	Connection of Sewage Treatment to City Outfall	936	936
MCDEC, Quantico	044	Armory	526	526

Activity	P-Number	Project	Authorization Pub. Law 92-545 ($000)	Appropriation Pub. Law 92-547 ($000)
MCDEC, Quantico (con.)	070	Bachelor Enlisted Quarters Modernization (820 men) 3/	$ 3,300	$ 3,300
	074	Bachelor Officers Quarters Modernization (444 men)	1,882	1,882
	096	Bachelor Enlisted Quarters Enlisted Women (144 women)	784	784
MCB, 29 Palms	023	Motor Transport Maintenance Facility	1,175	1,175
	045	Gymnasium	842	842
MB, Washington, D.C.	004	Bachelor Enlisted Quarters and Personnel Support Facility (212 men)	5,233	5,233
MCAS, Yuma	087	Warehouse, LAAM Battalion	560	560
	094	Petroleum, Oil, and Lubricants Systems Improvements	223	223
	130	Combat Vehicle Maintenance Shop	505	505
	142	Electric Power to Air Start Pits	742	742
			$107,265	$66,886

1/ Amendment to Pub. Law 91-511 (fiscal year 1971).

2/ Authorization only. Applies only to MCAS, El Toro and MCAS(H), Santa Ana.

3/ Project added in support of project volunteer.

ENCLOSURE (1)

3 July 1972

Public Works Officer

Commanding Officer, MCAS (H), New River

Contracts awarded with Fiscal Year 1972 Year End Funds, Station O&MN and Housing

1. The following contracts were awarded prior to 30 June with year end O&MN funds:

a. Repair Underground Power Cable to MOQ - Low Bid, $22,901 - Government Cost Estimate, $47,000 - Contractor, Webb Electric Company, Florida. (Station)

b. Repairs to Mess Hall Cold Storage - Low Bid, $80,450 - Government Cost Estimate, $55,600 - Contractor, Sneeden Electric Company, Wilmington, N.C. (Station)

c. Miscellaneous Repairs to Station Buildings - Low Bid, $162,815 - Government Cost Estimate, $109,500 - Contractor, Mt. Lebanon Construction Company, Pennsylvania. (Station)

d. Repair Ninety Furnaces in Housing - Low Bid, $36,573 - Government Cost Estimate, $45,500 - Contractor, Hammond Electric Company, New Bern, N.C. (Housing)

e. Exterior Painting of 110 Houses - Low Bid, $20,880 - Government Cost Estimate, $22,000 - Contractor, West Florida Coating Company, Florida. (Housing)

f. Repairs to Pavement in Housing Streets - Low Bid, $5,400 - Government Cost Estimate, $6,000 - Contractor, Barrus Construction Company, Kinston, N.C. (Housing)

2. The following contracts were not awarded:

a. Repairs and Painting to Hangar 504 - Low Bid, $250,000 - Government Cost Estimate, $120,770.

b. Repairs and Painting to Hangar 515 - Low Bid, $119,090 - Government Cost Estimate, $51,270.

c. Repairs and Painting to Hangar 840 - Low Bid, $89,792 - Government Cost Estimate, $54,630.

d. Repairs to MAG-26 Group Warehouse, Building 424 - Low Bid, $128,700 - Government Cost Estimate, $38,820.

1. DATE	2. FISCAL YEAR	MILITARY CONSTRUCTION PROJECT DATA	3. DEPARTMENT	4. INSTALLATION
	1974		NAVY	MARINE CORPS AIR ST

5. PROPOSED AUTHORIZATION	6. PRIOR AUTHORIZATION	7. CATEGORY CODE NUMBER	8. PROGRAM ELEMENT NUMBER	9. STATE/COUNTRY
2,775,000 $ 1,500,000	P.L. ---	800	---	NEW RIVER, JACKSON

10. PROPOSED APPROPRIATION	11. BUDGET ACCOUNT NUMBER	12. PROJECT NUMBER	13. PROJECT TITLE
$ 1,500,000	---	P-180	UTILITIES EXPANSION

SECTION A - DESCRIPTION OF PROJECT

14. TYPE OF CONSTRUCTION	
a. PERMANENT	X
b. SEMI-PERMANENT	
c. TEMPORARY	

15. TYPE OF WORK	
a. NEW FACILITY	
b. ADDITION	X
c. ALTERATION	X
d. CONVERSION	
e. OTHER (Specify)	
16. REPLACEMENT	
17. TYPE OF DESIGN	
a. STANDARD DESIGN	
b. SPECIAL DESIGN	X
c. DRAWING NO.	

18. PHYSICAL CHARACTERISTICS OF PRIMARY FACILITY

a. NO. OF BLDGS N/A b. NO. OF STORIES N/A c. LENGTH N/A d. WIDTH N/A

e. DESIGN CAPACITY Various f. GROSS AREA N/A

g. COOLING --- CAP. --- COST ($ ---)

19. DESCRIPTION OF WORK TO BE DONE

Expand sewage treatment plant and add tertiary treatment; expand water treatment plant add four new water wells with elect and control lines; complete replace- of central heating plant; extend water and sewer system to new area; revamp primary electrical distribution system and add loop feed.

SECTION B - CO

20. PRIMARY FACILITY

a. Sewage Treatment
b. Water Treatment Plant
c. Electrical Dist System
d. Heating Plant

21. SUPPORTING FACILITIES

a. Water Wells
b. Elect & Control Lines - Wells
c. Site Work - Wells
d. Water Dist System
e. Sewer Force Main
f. Sewage Lift Station
g.
h.
i.
j.

22. TOTAL PROJECT COST

SECTION C - BASIS OF REQUIREMENT

23. QUANTITATIVE DATA (U/M VARIOUS)

a. TOTAL REQUIREMENT	Various	
b. EXISTING SUBSTANDARD	(")	
c. EXISTING ADEQUATE	"	
d. FUNDED, NOT IN INVENTORY	"	
e. ADEQUATE ASSETS (c + d)	"	
	AUTHORIZED	FUNDED
f. UNFUNDED PRIOR AUTHORIZATION		
g. INCLUDED IN FY ____ PROGRAM		
h. DEFICIENCY (a - e - f - g)		

24. RELATED PROJECTS

25. REQUIREMENT FOR PROJECT

All existing utility systems at New River are operating at thei
further expansion of Station facilities and/or additional person
project will result in the insufficient heat in winter with all boi
water, dangerously overloaded electric lines, and stream pollu
sewage system. In addition to the present facilities, there is a
Bachelor Enlisted Quarters and a Staff NCO Club, and the Fisc
includes a 426 Man Bachelor Enlisted Quarters and a 37,000 S
construction to support MAG-29 will require six new buildings
totalling almost 175,000 SF. Projected base loading calls for
men. An additional 225,000 SF of new building space is includ

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NCO

DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
WASHINGTON, D. C. 20380

MARINE CORPS BULLETIN 11013

From: Commandant of the Marine Corps
To: Distribution List

Subj: Fiscal Year 1974 Military Construction (MCON) Program

Ref: (a) MCO 11010.12A

Encl: (1) List of Line Items Comprising the Fiscal Year (FY) 1974 Military Construction (MCON) Program

1. Purpose. To provide information concerning the current status of the FY 1974 MCON Program, following review by the Secretary of the Navy.

2. Information. Enclosure (1) reflects those projects approved by the Secretary of the Navy for submittal to the Secretary of Defense in the FY 1974 MCON, Navy, Program. Upon conclusion of the review, information concerning action by the Secretary of Defense will be disseminated.

3. Action. Addressees are requested to update their FY 1974 MCON Program records, based on the information provided in enclosure (1). Visitor briefing regarding military construction requirements should be conducted in accordance with reference (a).

4. Reserve Applicability. This Bulletin is not applicable to the Marine Corps Reserve.

5. Self-Cancellation. 31 May 1973.

HARRY C. OLSON
By direction

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Designation is canceled upon removal of FOUO enclosure.

PCN 102 113826 00

LIST OF LINE ITEMS COMPRISING THE FISCAL YEAR 1974 MCON PROGRAM FOR THE MARINE CORPS

Activity	P-No.	Project	Amount ($000)
MCSC, Albany	061	Industrial Waste System Modification	449
MCSC, Barstow	074	Heating Plant and Distribution System	2,826
	116	Automotive Vehicle Shop	976
MCAS, Beaufort	223	Aircraft Corrosion Control Facility	126
MCB, Camp Lejeune	210	Bachelor Enlisted Quarters (1116 men) Hadnot Point	6,766
	160	Central Heating Plant Expansion	1,100
	162	Parachute/Survival Equipment Shop	555
MCB, Camp Pendleton	491	Combat Ranges	544
	132	Bachelor Enlisted Quarters-Chappo (1110 men)	6,481
	436	Dining Facility Modernization--Chappo	704
	194	Gymnasium	1,106
	628	Area Lighting-Basewide	425
	570	Telephone Cable	99
	627	Sewage Treatment Facility	542
	461	Bachelor Enlisted Quarters-Horno (288 men)	1,649 1/

ENCLOSURE (1)

Activity	P-No.	Project	Amount ($000)
MCAS, Cherry Point	716	Utilities Expansion	1,788
	717	Sewage Treatment Facilities	426
MCALF, Camp Pendleton	231	Approach Lighting	108
MCAS, El Toro	164	Cold Storage Warehouse/ Ready Issue	702
	040	Conversion to Natural Gas	1,560
FMFLant, Norfolk	611	Road Improvements	312
	603	Dining Facility	374
MCRDep, Parris Island	037	Bachelor Enlisted Quarters (576 men)	2,564
	146	Pollution Abatement	116
MCAS(H), New River	180	Utilities Expansion	2,775
	200	Avionics Shop	470
MCAS, Kaneohe Bay	056	Bachelor Enlisted Quarters (756 men)	4,851
	100	Hangar Modifications	485
	048	Connecting Road to Defense Highway	373
MCDEC, Quantico	076	Bachelor Enlisted Quarters Modernization	2,623
	059	Dining Facility	1,541
	101	Sewage Treatment Facility	2,088
MCAS, Quantico	119	Hangar Addition	831
MCRDep, San Diego	034	Dispensary (Medical Improvements)	3,718 2/

ENCLOSURE (1)

Activity	P-No.	Project	Amount ($000)
MCAS(H), Santa Ana	114	Conversion to Natural Gas	318
MCB, 29 Palms	104	Applied Instruction Buildings	4,654
MCAS, Yuma	178	Land Acquisition	635
	022	Commissary	1,543
		TOTAL	59,203
	187	Air Installation Compatible Use Zone (AICUZ) (Land Exchange)	3,248

NOTE: This project has been tentatively included in the FY74 MCON budget for authorization only. A study is presently being conducted regarding statistical information pertaining to acquisition of AICUZ lands. The Commandant of the Marine Corps letter COA-1-apm of 17 Oct 1972, Subj: Revised Request for Program Cost Estimate (PCE) for Military Construction Project P-187 "Acquisition of Land" Marine Corps Air Station, Yuma, Arizona, provides further information

1/ Project reduced to one building at HQMC level.

2/ To be funded by Bureau of Medicine and Surgery monies added to military construction.

Air Facility 2-13-73

Backlog of Essential Maintenance

As of	Def Code 1	Def Code 2	Def Code 3	Def Code 4	Total
31 Dec 1970	615,030 -	65,290 -	10,111 -	77,183 -	767,614
31 Dec 1971	674,890 -	66,681 -	80,000 -	4,393 -	825,964
31 Dec 1972	1,426,930 -	72,020 -	80,110 -	2,690 -	1,581,750

Increase '71 over '70 $58,350

Increase '72 over '71 755,786

Increase '72 over '70 814,136

Air Facility 2-13-73

Backlog of Essential Maintenance

As of	Def Code 1	Def Code 2	Def Code 3	Def Code 4	Total
31 Dec 1970	615,030 -	65,290 -	10,111 -	77,183 -	767,614
31 Dec 1971	674,890 -	66,681 -	80,000 -	4,393 -	825,964
31 Dec 1972	1,426,930 -	72,020 -	80,110 -	2,690 -	1,581,750

Increase '71 over '70 $58,350

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Air Facility 2-13-73

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31 Dec 1972	1,426,930 -	72,020 -	80,110 -	2,690 -	1,581,750

Increase '71 over '70 $58,350

Increase '72 over '71 755,786

Increase '72 over '70 814,136

Air Facility 2-13-73

Backlog of Essential Maintenance

As OF	Def Code 1 & 2	3	4	Total
31 Dec. 1970	680,320	10,111	77,183	767,614
31 Dec. 1971	741,571	80,000	43,393	825,964
31 Dec. 1972	1,498,950	80,110	2,690	1,581,750

	Total
Increase 71 over 70	58,350
Increase 72 over 71	755,786
Increase 72 over 70	814,136

GUIDELINES FOR THE IMPLEMENTATION
OF THE REAL PROPERTY MAINTENANCE LEAD ACTIVITY
CONSOLIDATION BETWEEN MCB, CAMP LEJEUNE AND MCAS(H), NEW RIVER

1. Funding

a. Real Property Maintenance funding (Functional Category Codes M - Maintenance of Real Property,

N - Utility Operations,

P - General Engineering Support,

R - Minor Construction) will be through Commander, Marine Corps Air Bases, Eastern Area (COMCABEAST) MCAS(H), New River.

b. All Functional Category Code M, N, P, R services will be provided to MCAS(H), New River by MCB, Camp Lejeune on a reimbursable basis. Marine Corps Air Station (H), New River will submit an annual plan to MCB, Camp Lejeune and reimburse MCB, Camp Lejeune for work performed.

c. Facilities projects required by Marine Corps Order P11000.5B will be submitted directly by MCAS(H), New River via COMCABEAST to Headquarters Marine Corps with a copy to MCB, Camp Lejeune.

d. Class I and II property will remain on the rolls of MCAS(H), New River. Class III and IV real property maintenance property will be transferred to MCB, Camp Lejeune as appropriate.

e. Station facilities planning for MCAS(H), New River will be performed by MCB, Camp Lejeune as requested by MCAS(H), New River.

2. Personnel

Ref: (a) MCAS(H), New River T/O #8461 of 15 Nov 1972

a. Civil Engineer Corps officers (T/O line #s 379 and 380) on the rolls of MCAS(H), New River will be transferred to MCB, Camp Lejeune. Headquarters Marine Corps will initiate action to accomplish this transfer.

b. The present MCAS(H), New River S-4 staff (T/O line #s 304 and 305) will remain the same except that the Maintenance Control Director billet of the Public Works Department (T/O line #397) will be assigned to the present S-4 staff with the T/O title of Facilities Maintenance Manager.

c. All remaining civilian personnel ceiling points in the MCAS(H), New River Public Works Department (T/O line #s 378-396, 398-448) (less the Family Housing Division and Transportation Division) will be transferred to MCB, Camp Lejeune.

3. Public Works Shop Facilities

a. An "area shop" will be set up to serve MCAS(H) New River, for emergency/service work only.

b. MCAS(H), New River, in conjunction with MCB, Camp Lejeune's requirements, will divert the unused Public Works space to other use as appropriate.

4. Other Considerations

a. The final organizational placement and attendant equipment of the MCAS(H), New River Transportation Division, Public Works Department, (T/O line #s 463-481) will awaitthe outcome of the

recommendations of the"Task Group to Study the Feasibility of Transferring Civil Engineer Equipment (CESE) and Materials Handling Equipment(MHE) from the Navy to the Marine Corps."

b. The MCAS(H), New River Family Housing Division, Public Works Department, (T/O line #s 449-461) will remain at MCAS(H), New River.

c. Material & Supply support will be obtained through the supply officer, Camp Lejeune, North Carolina. Storage space not essential to support the contingent of personnel at New River will be diverted to other uses.

Enclosure (1)

CONSOLIDATION CONFERENCE ATTENDEES AT MCB, CAMP LEJEUNE ON 28 FEB - 1 MAR 1973

NAME/RANK/GRADE	ACTIVITY	BILLET
	HQMC	
AZZARANO, R.	HQMC, Fiscal Div	Budget Br
BONSIGNORE, J.	HQMC, Fiscal Div	Budget Br
CASSEDY, Logan LtCol	HQMC, Facilities Div	Head, COA-2
LYONS, E.T. GS-14	HQMC, Facilities Div	Head, MaintOp
MARUTOLLO, Frank	HQMC, Facilities Div	Mgt Analyst
TARDIF, D.W. Col	HQMC, Facilities Div	Director, Fac Div
TRUEBLOOD, J.P.	HQMC, Air Div	Civil Engr
	MCB, CLNC	
CHAMBERS, P.W. GS-8	MCB, SupServ	BPropCon
CHANCE, J.M. Maj	MCB, Comptroller	BudgetO
DAGGETT, R.E. Capt USN	MCB, Facilities	Public Works O
DRUMMOND, M.D. LtCol	MCB, Facilities	Asst FacO
DEZER, C.N. LtCol	MCB, Manpower	Asst Manpwr O
FARRAR, T.K. Capt	MCB, SupServ	BMatBn
FEIN, L.I. LtCol	MCB, Facilities	Base MTO
FIEL, M.A. Maj	MCB, SupServ	OIC DSSC BMatBn
HERNDON, J.E.	MCB, Facilities	Dir, Utilities Div
MADER, J.F. Col	MCB, Facilities	ACofS, Fac
MAREADY, A.K.	MCB, Comptroller	Asst Compt
MILLER, W.F.	MCB, Facilities	Asst MaintO
OLMSTEAD, A.P. GS-13	MCB, Facilities	Dir, Qtr/Hsg
PAGE, A.I. GS-13	MCB, Manpower	CivPersO
PLOWDEN, Hugh	MCB, Facilities	Dir, MaintOprDiv

NAME/RANK/GRADE	ACTIVITY	BILLET
	MCB, CLNC	
SMITH, J.B.	MCB, Facilities	Dir, Maint M&R
VOM ORDE, E.A. Col	MCB, Facilities	Base MaintO
	MCABE	
BATES, W.G. Col	MCABE, Facilities	BaseDevO
BUMPAS, H.R. Col	MCABE, Management	MAO
KILLINGSWORTH, J.T. GS-12	MCABE, Comptroller	Budget
LANDES, W.G. Cdr	MCABE, Facilities	Asst PWO
LENTZ, J.R.	MCABE, Management	Deputy MAO
STAFFORD, G.P.	MCABE, Management	Mgt Analyst
STEWART, G.S. Col	MCABE, Logistics	G-4
STUART, T.R. Col	MCABE, Comptroller	Comptroller
	MCAS(H), New River	
DOSTER, G.C. Col	MCAS(H) NR	CO
SMYTH, W.S. LCdr	MCAS(H) NR	PWO
WALKER, J.G. LtCol	MCAS(H) NR	Comptroller

MANPOWER	MCB	MCAS (1:10)	Consolidated Savings	Annual Savings
• Maintenance	810(760*)	73	6	$75K#
• Engineering	31(23*)	2	0	0
• Quarters/Housing	43(50*)	6	4	$35K
• Transportation	370(?*)	60	4	$40K##
• Administration	XXX	11	?	?
TOTAL	1254	152	14(+)	$150K(+)

* Currently authorized

\# Only $25K on reimbursable basis

\#\# Plus $75K one-time savings

UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO
4A/MDD/sac
P-11010/1
26 Jan 1973

MEMORANDUM FOR BASE MAINTENANCE OFFICER

Subj: Consolidation of Support Services in Camp Lejeune Area; MCAS(H), New River with Marine Corps Base, Camp Lejeune

Ref: (a) CG CLNC ltr 15/EJH/awk P-11010/1 of 1 Mar 1971

1. Advanced information has been received from Headquarters, Marine Corps concerning the conduct of a joint conference, during February 1973, relative primarily to the proposed consolidation of the maintenance/utilities functions of MCAS(H), New River with those of Marine Corps Base, Camp Lejeune. Also to be addressed is the probable consolidation of the functions of the Engineering Division of the MCAS Public Works Department, and the possible inclusion of those functions of the other divisions of that department (i.e., Transportation Division and Housing Division).

2. Accordingly, it is requested that the Base Maintenance Department and the "Copy to" addressees review reference (a) and be prepared to discuss its contents at an "in-house" meeting to be conducted prior to this joint conference.

J. F. MADER
Colonel, USMC
Assistant Chief of Staff, Facilities

Copy to:
ACofS, Compt
Base PWO
Base MTO
Dir, Qtrs & Hsg

MAJOR REPAIR SUMMARY

PROJECT	COST	VALIDATION	COMMAND PRIORITY
R6-72 Mess Hall	$ 106,000	54	1 Funded
R5-72 Water Tower	13,000	54	2
R11-72 Power Poles	56,000	72	3 Funded
R2-64 Steam Lines	74,000	54 Re-evaluate	4
R3-68 Road Repairs	92,000	54	5
R4-73 Hangar 518	12,000	48	6
	353,000		
R2-73 BEQ 211	16,000	24	7
R12-72 Chapel	30,000	27	8
R8-72 Service Club	30,000	18	9
R16-72 GYM-Pool	48,000	18	10
R1-73 COM OPEN	10,000	4.5	11
R2-72 A/C Parking Apron	207,000	12	12
R13-72 Unpaved Roads	25,000	18	13
R15-72 Water Supply	35,000	6	14
R4-68 Oak Gr. Paving	354,000	12	15
R3-72 Steam Plant Gen.	18,000	2.25	16
	1,126,000		

		①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
			ACC 1-3			ACC 1-5		1970		1971		1972	
7830													
Emergency	M		150162	.51	33.7%	—		251084	.43	30.1%	280898	.45	30.9%	210443	.37	27.0%
+ Service Work	L		294904	1.00	66.3%	—		583346	1.00	69.9%	627980	1.00	69.1%	568088	1.00	73.0%
			445066					834430			908878			778531		
			890132													
7810													
Preventive	M		—			37196	.34	25.4%					
Maint	L					109609	1.00	74.6%					
7760													
Sewage + Ind.	M		929	.06	5.7%	976	.06	5.7%					
Waste Collect/Fac	L		12503	1.00	94.3%	16260	1.00	94.3%					
7730													
Potable Water	M		12414	.24	19.4%	3240	.20	16.7%					
Facilities	L		10207	1.00	80.6%	16002	1.00	83.3%					
7720													
Steam + Hot	M		194	.07	6.5%	6129	.12	10.7%					
Water Fac	L		2810	1.00	93.5%	50952	1.00	89.3%					
7670													
Sewage + Ind	M		6247	.58	36.7%	7022	.63	38.7%					
waste Disp/Fac	L		10717	1.00	63.3%	11180	1.00	61.3%					

	1	2	3	4	5	6	7	8	9	10	11	12
1650 Water supply		6665	.76	43.2	7226	.49	32.9%					
Treatment Fac		8745	1.00	56.8	14810	1.00	67.1%					
1630 Heating 750,000 M		2045	.41	29.1%	—							
To 3,500,000 L		4953	1.00	70.9%	—							
1630 Heating, over		17797	.55	35.5%	23176	.41	29.1%					
3,500,000 BTU		32430	1.00	64.5%	57210	1.00	70.9%					

7V MH	LC	Material	Cont	other	Total	
102,954	583,346	251,084	770	25,719	860,321	~~860,271~~
120675	627,980	280,898	923	25,155	934957	
119,968	568,088	310,443	517	20,269		~~799~~