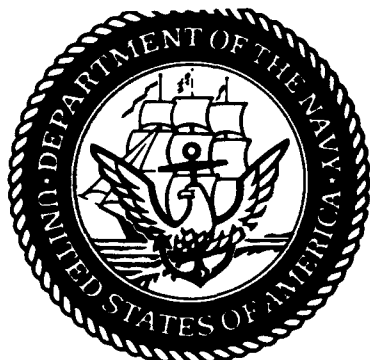


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Department of the Navy

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**FY 1992/FY 1993
BIENNIAL
BUDGET ESTIMATES**

**MILITARY CONSTRUCTION
AND FAMILY HOUSING PROGRAM**

FY 1993

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MAR 11 1991
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DISTRIBUTION STATEMENT A

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**JUSTIFICATION DATA
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FEBRUARY 1991

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DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM

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Statement "A" per telecon G. Barker.
Office of the Navy Comptroller/Code (NCBG
-2). The Pentagon. Room 4C640. Washington
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DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
SUMMARY OF LOCATIONS

<u>STATE/COUNTRY</u>	<u>AUTH. REQUEST</u> <u>(\$000)</u>	<u>APPRO. REQUEST</u> <u>(\$000)</u>
<u>INSIDE THE UNITED STATES</u>		
CALIFORNIA	27,700	27,700
GEORGIA	4,100	4,100
HAWAII	1,400	1,400
RHODE ISLAND	2,000	2,000
TENNESSEE	9,060	9,060
TEXAS	8,500	8,500
VIRGINIA	4,100	4,100
WASHINGTON	<u>25,940</u>	<u>25,940</u>
SUBTOTAL	82,800	82,800
<u>OUTSIDE THE UNITED STATES</u>		
ICELAND	<u>2,000</u>	<u>2,000</u>
SUBTOTAL	2,000	2,000
VARIOUS LOCATIONS	<u>668,500</u>	<u>668,500</u>
TOTAL - FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM	753,300	753,300
LESS FAMILY HOUSING	<u>8,200</u>	<u>8,200</u>
TOTAL - FY 1993 MILITARY CONSTRUCTION PROGRAM	745,100	745,100

DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF LOCATIONS

<u>STATE/ COUNTRY</u>	<u>PROJ. NO.</u>	<u>INSTALLATION/LOCATION PROJECT TITLE</u>	<u>AUTH. REQUEST (\$000)</u>	<u>APPROP. REQUEST (\$000)</u>	<u>% DESIGN AS OF JAN 92</u>	<u>PAGE NO.</u>
<u>INSIDE THE UNITED STATES</u>						
CALIFORNIA		<u>MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA</u>				1
	932	ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	3,360	3,360	100	3
	527	SEWAGE TREATMENT PLANT MODIFICATIONS	19,740	19,740	100	52
		SUBTOTAL	23,100	23,100		
		<u>MARINE CORPS AIR-GROUND COMBAT CENTER, TWENTYNINE PALMS, CALIFORNIA</u>				5
	455	NON-POTABLE WATER SYSTEM IMPROVEMENTS	4,600	4,600	80	7
		SUBTOTAL	4,600	4,600		
		TOTAL - CALIFORNIA	27,700	27,700		
GEORGIA		<u>MARINE CORPS LOGISTICS BASE, ALBANY, GEORGIA</u>				9
	305	ABRASIVE BLAST FACILITY	4,100	4,100	90	52
		SUBTOTAL	4,100	4,100		
		TOTAL - GEORGIA	4,100	4,100		
HAWAII		<u>NAVAL COMM AREA MASTER STATION EASTPAC, HONOLULU, HAWAII</u>				11
	127	ANTENNA SAFETY IMPROVEMENTS	1,400	1,400	100	13
		SUBTOTAL	1,400	1,400		
		TOTAL - HAWAII	1,400	1,400		
RHODE ISLAND		<u>NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND</u>				15
	368	FUEL OIL STORAGE	2,000	2,000	100	17
		SUBTOTAL	2,000	2,000		
		TOTAL - RHODE ISLAND	2,000	2,000		
TENNESSEE		<u>NAVAL AIR STATION, MEMPHIS, TENNESSEE</u>				19
	170	FIRE FIGHTING TRAINING FACILITY	9,060	9,060	70	21
		SUBTOTAL	9,060	9,060		
		TOTAL - TENNESSEE	9,060	9,060		
TEXAS		<u>NAVAL AIR STATION, KINGSVILLE, TEXAS</u>				23
	236	CORROSION CONTROL HANGAR	8,500	8,500	80	25
		SUBTOTAL	8,500	8,500		
		TOTAL - TEXAS	8,500	8,500		

DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF LOCATIONS

STATE/ COUNTRY	PROJ. NO.	INSTALLATION/LOCATION PROJECT TITLE	AUTH. REQUEST (\$000)	APPROP. REQUEST (\$000)	% DESIGN AS OF JAN 92	PAGE NO.
<u>INSIDE THE UNITED STATES</u>						
VIRGINIA		<u>NAVAL STATION, NORFOLK, VIRGINIA</u>				27
	030	DREDGING	500	500	100	60
		SUBTOTAL	500	500		
		<u>NAVAL AIR STATION, OCEANA, VIRGINIA</u>				29
	176	WEAPON SYSTEM TRAINER	3,600	3,600	80	31
		BUILDING ADDITION				
		SUBTOTAL	3,600	3,600		
		TOTAL - VIRGINIA	4,100	4,100		
WASHINGTON		<u>STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON</u>				33
	810	MISSILE MOTOR MAGAZINES	16,600	16,600	90	35
	955	UTILITIES AND SITE	9,340	9,340	90	37
		IMPROVEMENTS				
		SUBTOTAL	25,940	25,940		
		TOTAL - WASHINGTON	25,940	25,940		
		SUBTOTAL - MILITARY CONSTRUCTION	82,800	82,800		
		SUBTOTAL - MILITARY CONSTRUCTION FOR FAMILY HOUSING	0	0		
		TOTAL - INSIDE THE UNITED STATES	82,800	82,800		
<u>OUTSIDE THE UNITED STATES</u>						
ICELAND		<u>NAVAL AIR STATION, KEFLAVIK, ICELAND</u>				39
	469	FUEL FACILITIES (PHASE VIII)	2,000	2,000	70	41
		SUBTOTAL	2,000	2,000		
		TOTAL - ICELAND	2,000	2,000		
		SUBTOTAL - MILITARY CONSTRUCTION	2,000	2,000		
		SUBTOTAL - MILITARY CONSTRUCTION FOR FAMILY HOUSING	0	0		
		TOTAL - OUTSIDE THE UNITED STATES	2,000	2,000		
<u>VARIOUS LOCATIONS</u>						
VARIOUS	VAR	A&E SERVICES & CONSTRUCTION DESIGN (FAMILY HOUSING)	6,200	6,200	N/A	81
	093	POST ACQUISITION CONSTRUCTION (IMPROVEMENTS)	2,000	2,000	N/A	73
	093	MAJOR REPAIR CONSTRUCTION	435,400	435,400	N/A	56a
	293	MINOR CONSTRUCTION	137,000	137,000	N/A	56c

DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF LOCATIONS

<u>STATE/ COUNTRY</u>	<u>PROJ. NO.</u>	<u>INSTALLATION/LOCATION PROJECT TITLE</u>	<u>AUTH. REQUEST (\$000)</u>	<u>APPROP. REQUEST (\$000)</u>	<u>% DESIGN AS OF JAN 92</u>	<u>PAGE NO.</u>
VARIOUS		<u>VARIOUS LOCATIONS</u>				
	O93	UNSPECIFIED MINOR CONSTRUCTION	5,000	5,000	N/A	55
	VAR	ARCHITECTURAL AND ENGINEERING SERVICES & CONSTRUCTION DESGN	79,900	79,900	N/A	57
	O93	HOST NATION INFRASTRUCTURE SUPPORT	3,000	3,000	N/A	47
		SUBTOTAL - MILITARY CONSTRUCTION	660,300	660,300		
		SUBTOTAL - MILITARY CONSTRUCTION FOR FAMILY HOUSING	8,200	8,200		
		TOTAL - VARIOUS LOCATIONS	668,500	668,500		
		TOTAL - FY 1993 MILITARY CONSTRUCTION PROGRAM	745,100	745,100		
		TOTAL - FY 1993 MILITARY CONSTRUCTION FAMILY HOUSING PROGRAM	8,200	8,200		
		GRAND TOTAL	753,300	753,300		

DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
MISSION STATUS INDEX

<u>INSTALLATION/ LOCATION</u>	<u>PROJ. NO.</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>	<u>MISSION STATUS</u>
<u>INSIDE THE UNITED STATES</u>				
CAMP PENDLETON CA MCB	932	ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	3,360	N
	527	SEWAGE TREATMENT PLANT MODIFICATIONS	19,740	C
TWENTYNINE PALMS CA MAGCC	455	NON-POTABLE WATER SYSTEM IMPROVEMENTS	4,600	C
ALBANY GA MCLB	305	ABRASIVE BLAST FACILITY	4,100	C
HONOLULU HI NAVCAMS EPAC	127	ANTENNA SAFETY IMPROVEMENTS	1,400	C
NEWPORT RI NETC	368	FUEL OIL STORAGE	2,000	C
MEMPHIS TN NAS	170	FIRE FIGHTING TRAINING FACILITY	9,060	C
KINGSVILLE TX NAS	236	CORROSION CONTROL HANGAR	8,500	C
NORFOLK VA NS	030	DREDGING	500	N
OCEANA VA NAS	176	WEAPON SYSTEM TRAINER BUILDING ADDITION	3,600	C
SILVERDALE WA STRATWEPFAC	810	MISSILE MOTOR MAGAZINES	16,600	C
	955	UTILITIES AND SITE IMPROVEMENTS	9,340	N
<u>OUTSIDE THE UNITED STATES</u>				
KEFLAVIK ICELAND NAS	469	FUEL FACILITIES (PHASE VIII)	2,000	C
VARIOUS LOCATIONS	VAR	A&E SERVICES & CONSTRUCTION DESIGN (FAMILY HOUSING)	6,200	N/A
	093	POST ACQUISITION CONSTRUCTION (IMPROVEMENTS)	2,000	N/A
	093	MAJOR REPAIR CONSTRUCTION	435,400	N/A
	293	MINOR CONSTRUCTION	137,000	N/A
	093	UNSPECIFIED MINOR CONSTRUCTION	5,000	N/A
	VAR	ARCHITECTURAL AND ENGINEERING SERVICES & CONSTRUCTION DESGN	79,900	N/A
	093	HOST NATION INFRASTRUCTURE SUPPORT	3,000	N/A
TOTAL - VARIOUS LOCATIONS			668,500	
TOTAL - CURRENT MISSION			71,600	
TOTAL - NEW MISSION			<u>13,200</u>	
TOTAL - FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM			753,300	

DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION PROGRAM

INSTALLATIONS INDEX

INSTALLATION	LOCATION	1390 PAGE NUMBER
<u>A</u>		
MARINE CORPS LOGISTICS BASE.	ALBANY, GEORGIA	9
<u>C</u>		
MARINE CORPS BASE.	CAMP PENDLETON, CALIFORNIA	1
<u>H</u>		
NAVAL COMM AREA MASTER STATION EASTPAC.	HONOLULU, HAWAII	11
<u>K</u>		
NAVAL AIR STATION.	KEFLAVIK, ICELAND	39
NAVAL AIR STATION.	KINGSVILLE, TEXAS	23
<u>M</u>		
NAVAL AIR STATION.	MEMPHIS, TENNESSEE	19
<u>N</u>		
NAVAL EDUCATION AND TRAINING CENTER.	NEWPORT, RHODE ISLAND	15
NAVAL STATION.	NORFOLK, VIRGINIA	27
<u>O</u>		
NAVAL AIR STATION.	OCEANA, VIRGINIA	29
<u>S</u>		
STRATEGIC WEAPONS FACILITY PACIFIC.	SILVERDALE, WASHINGTON	33
<u>T</u>		
MARINE CORPS AIR-GROUND COMBAT CENTER.	TWENTYNINE PALMS, CALIFORNIA	5

MILITARY CONSTRUCTION, NAVY

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [\$657,800,000] \$745,100,000, to remain available until September 30, [1996] 1997: Provided, that of this amount, not to exceed [\$77,200,000] \$79,900,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

Military Construction, Navy
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	17-1205-0-1-051	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)			
		1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Major construction	1,043,060	1,040,827	567,200	87,800
00.0201	Minor construction	14,000	13,311	12,400	577,400
00.0301	Planning	90,000	74,451	77,200	79,900
00.0401	Supporting activities	5,810	4,017	1,000	
00.9101	Total direct program	1,152,870	1,132,606	657,800	745,100
01.0101	Reimbursable program	212,288	300,000	310,800	321,056
10.0001	Total	1,365,158	1,432,606	968,600	1,066,156
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-186,631	-204,800	-215,600	-225,856
14.0001	Non-federal sources(-)	-25,657	-95,200	-95,200	-95,200
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans	-10,000	-6,200		
21.4009	Reprogramming from/to prior year budget plans	-11,114			
22.4001	Unobligated balance transferred to other accounts	-12,780			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	6,200			
24.4003	Available to finance subsequent year budget plans	874			
25.0001	Unobligated balance lapsing				
39.0001	Budget authority	1,126,050	1,126,406	657,800	745,100
Budget authority:					
40.0001	Appropriation	1,139,250	1,132,606	657,800	745,100
40.3501	Appropriation rescinded (-)	-10,650			
40.3601	Appropriation rescinded (unob bal)	-10,000	-6,200		
41.0001	Transferred to other accounts (-)	-1,500			
42.0001	Transferred from other accounts	8,950			
43.0001	Appropriation (adjusted)	1,126,050	1,126,406	657,800	745,100
Relation of obligations to outlays:					
71.0001	Obligations incurred, net				
72.4001	Obligated balance, start of year				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
78.0001	Adjustments in unexpired accounts				
90.0001	Outlays				

Military Construction, Navy
Program and Financing (in Thousands of dollars) SUMMARY

Obligations

Identification code	17-1205-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Major construction	553,502	791,529	1,330,973	307,865
00.0201	Minor construction	11,750	14,280	12,225	520,996
00.0301	Planning	98,318	73,371	78,103	79,966
00.0401	Supporting activities	4,971	5,249	1,371	230
00.9101	Total direct program	668,541	884,429	1,422,672	909,057
01.0101	Reimbursable program	244,426	300,000	310,800	321,056
10.0001	Total	912,967	1,184,429	1,733,472	1,230,113
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-211,849	-204,800	-215,600	-225,856
14.0001	Non-Federal sources(-)	-18,193	-95,200	-95,200	-95,200
17.0001	Recovery of prior year obligations	-9,996			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans	-430,374	-899,201	-1,147,378	-382,506
21.4009	Available to finance new budget plans	-10,000	-6,200		
22.4001	Reprogramming from/to prior year budget plans	-12,780			
24.4002	Unobligated balance transferred to other accounts				
24.4003	Unobligated balance available, end of year:				
25.0001	For completion of prior year budget plans	899,201	1,147,378	382,506	218,549
	Available to finance subsequent year budget plans	6,200			
	Unobligated balance lapsing	874			
39.0001	Budget authority	1,126,050	1,126,406	657,800	745,100
Budget authority:					
40.0001	Appropriation	1,139,250	1,132,606	657,800	745,100
40.3501	Appropriation rescinded (-)	-10,650			
40.3601	Appropriation rescinded (unob bal)	-10,000	-6,200		
41.0001	Transferred to other accounts (-)	-1,500			
42.0001	Transferred from other accounts	8,950			
43.0001	Appropriation (adjusted)	1,126,050	1,126,406	657,800	745,100
Relation of obligations to outlays:					
71.0001	Obligations incurred, net	682,925	884,429	1,422,672	909,057
72.4001	Obligated balance, start of year	1,553,719	847,041	591,819	928,132
74.0001	Obligated balance, end of year	-847,041	-591,819	-928,132	-987,149
77.0001	Adjustments in expired accounts (net)	-3,414			
78.0001	Adjustments in unexpired accounts	-9,996			
90.0001	Outlays	1,376,193	1,139,651	1,086,359	850,040

Military Construction, Navy
Object Classification (in Thousands of dollars) SUMMARY

Identification code	17-1205-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Direct obligations:					
Personnel compensation:					
111.101	Full-time permanent	88,377	82,966	78,589	76,575
111.301	Other than full-time permanent	3,267	2,407	2,257	2,185
111.501	Other personnel compensation	3,009	3,024	2,763	2,635
111.901	Total personnel compensation	94,653	88,397	83,609	81,395
Personnel Benefits: Civilian personnel					
112.101	Benefits for former personnel	19,116	17,436	16,469	16,858
121.001	Travel and transportation of persons	4,388	4,471	4,245	4,178
122.001	Transportation of things	1,186	2,277	2,049	1,844
123.201	Rental payments to others	5,757	5,256	5,260	5,275
124.001	Printing and reproduction	2,832	1,238	1,114	1,003
Other services:					
125.001	Payments to foreign national indirect hire personnel	2,002	2,024	2,103	2,182
125.003	Contracts	36,140	24,524	22,072	19,864
126.001	Supplies and materials	2,803	1,955	1,760	1,584
131.001	Equipment	3,826	1,536	1,382	1,244
132.001	Land and structures	490,670	730,066	1,281,238	772,500
199.001	Total Direct obligations	663,571	879,180	1,421,301	907,927
Reimbursable obligations:					
Personnel Compensation:					
211.101	Full-time permanent	27,048	26,573	23,847	22,841
211.301	Other than full-time permanent	936	785	736	707
211.501	Other personnel compensation	947	1,157	1,084	1,045
211.901	Total personnel compensation	28,931	28,515	25,667	24,593
Personnel Benefits: Civilian Personnel					
212.101	Travel and transportation of persons	6,033	9,285	10,071	10,092
221.001	Transportation of things	2,202	2,522	2,367	2,298
222.001	Rental payments to others	24	28	27	27
223.201	Printing and reproduction	554	116	117	118
224.001	Other services:	809	2,800	2,520	2,268
225.003	Contracts	1,417	1,020	1,020	1,020
226.001	Supplies and materials	211	60	60	60
231.001	Equipment	611	100	100	100
232.001	Land and structures	203,634	255,554	68,951	280,480
299.001	Total Reimbursable obligations	244,426	300,000	310,800	321,056
Allocation Accounts					
Personnel compensation:					
311.101	Full-time permanent	24	26	26	26
311.301	Other than full-time permanent	11	11	11	11
311.501	Other personnel compensation	5	5	5	5
311.901	Total personnel compensation	40	42	42	42

Military Construction, Navy
Object Classification (in Thousands of dollars) SUMMARY

Identification code	17-1205-O-1-051	1990 actual	1991 est.	1992 est.	1993 est.
312.101 Personnel benefits: Civilian personnel		4	4	4	4
321.001 Travel and transportation of persons		24	24	24	24
322.001 Transportation of things		12	12	12	12
Other services:					
325.004 Other		125	125	125	125
326.001 Supplies and materials		4	4	4	4
332.001 Land and structures		4,761	5,038	1,160	919
399.001 Total Allocation Accounts		4,970	5,249	1,371	1,130
999.901 Total obligations		912,967	1,184,429	1,733,472	1,230,113
Obligations are distributed as follows:					
Defense-Military:Navy		907,997	1,179,180	1,732,101	1,228,983
Department of Transportation		4,970	5,249	1,371	1,130
Total Obligations		912,967	1,184,429	1,733,472	1,230,113

Military Construction, Navy (Rescission Proposal)			
Program and Financing (in Thousands of dollars) SUMMARY			

Budget Plan (amounts for MILITARY CONSTRUCTION actions programmed)			

Identification code	17-1205-5-1-051	1990 actual	1991 est. 1992 est. 1993 est.

Program by activities:			
10.0001	Total		-37,000

Financing:			
Unobligated balance available, start of year:			
21.4002	For completion of prior year budget plans		
Unobligated balance available, end of year:			
24.4002	For completion of prior year budget plans		

40.3001	Budget authority (Appropriation rescission p		-37,000

Relation of obligations to outlays:			
71.0001	Obligations incurred, net		
72.4001	Obligated balance, start of year		
74.4001	Obligated balance, end of year		

90.0001	Outlays		

DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION PROGRAM

SPECIAL PROGRAM CONSIDERATIONS

POLLUTION ABATEMENT

The military construction projects in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at Naval and Marine Corps installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION

The military construction projects proposed in this program will be designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION

Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the commission's annual review of the Future Years Defense Program (FYDP). Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a primary economic analysis was prepared and the results indicated on the DD Form 1391.

CONSTRUCTION CRITERIA MANUAL

Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

NON-MILCON CONSTRUCTION

The following is in response to the requirement on page 24 of the FY 1988 Senate Appropriations Committee Report 100-200 and page 1006 of the FY 1988 Committee of Conference, House and Senate Appropriations Committee Report 100-498:

- a. Operation and Maintenance, Navy
Minor Construction, \$0 1/
- b. Operation and Maintenance, Marine Corps
Minor Construction, \$0 1/
- c. Aircraft Procurement, Navy, \$17,200,000

1/ Budgeted in MILCON appropriations.

DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION PROGRAM

SPECIAL PROGRAM CONSIDERATIONS

RESOLUTION TRUST CORPORATION

Following guidance provided in the Senate Armed Services Committee Report No. 101-384 on the National Defense Authorization Act for FY 1991, a review was accomplished with the results that the requirements of the projects contained in this budget request could not be more economically met through the purchase of assets of the Resolution Trust Corporation or any similar entity.

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM							2. DATE		
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA						4. COMMAND COMMANDANT OF THE MARINE CORPS		5. AREA CONSTR. COST INDEX 1.18		
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	192	1365	1413	0	149	0	0	0	0	
	225	1719	1413	0	118	0	0	0	0	3475

7. INVENTORY DATA (\$000)	
a. TOTAL ACREAGE	(186,061)
b. INVENTORY TOTAL AS OF 30 SEP 90	625,150
c. AUTHORIZATION NOT YET IN INVENTORY	143,316
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	23,100
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	1,471
f. PLANNED IN NEXT THREE PROGRAM YEARS	76,975
g. REMAINING DEFICIENCY	91,030
h. GRAND TOTAL	961,042

8. PROJECTS REQUESTED IN THIS PROGRAM:						
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	STATUS COMPLETE	
813.20	ELEC DISTR SYS UPGRADE	LS	3,360	05/90	01/92	
831.10	SEWAGE TREATMNT PLANT MODS	LS	19,740	01/91	09/91	
	TOTAL		23,100			

9. FUTURE PROJECTS:						
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):						
179.40	AUTOMATED FLD FIRING RANGE	LS	1,471	-	-	
	TOTAL		1,471			
B. MAJOR PLANNED NEXT THREE YEARS:						
421.48	AMMO SEG HOLD FAC	1.400 SF	1,190			
143.41	AMPHIBIOUS OPS COMPLEX	LS	1,500			
179.40	AUTOMATED FLD FIRING RANGE	LS	5,285			
218.20	GME FAC (CHAPPO)	33,920 SF	3,400			

10. MISSION OR MAJOR FUNCTIONS:	
Provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed. Organize and train replacement units for deployment overseas as directed. Provide logistical support for other Marine Corps activities as directed.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)	
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA			4. PROJECT TITLE ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	
5. PROGRAM ELEMENT 0206496M	6. CATEGORY CODE 813.20	7. PROJECT NUMBER P-932	8. PROJECT COST (\$000) 3,360	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	LS	-	-	2,620
SUPPORTING FACILITIES	-	-	-	400
PAVING AND SITE IMPROVEMENT	LS	-	-	(400)
SUBTOTAL	-	-	-	3,020
CONTINGENCY (5.0%)	-	-	-	150
TOTAL CONTRACT COST	-	-	-	3,170
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	190
TOTAL REQUEST	-	-	-	3,360
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION One 15 KV 3,000-ampere, dual-ended, distribution switching station; underground and monitoring connections; upgrade, repair and replace overhead circuit lines and sections; replace substation transformers; provide overhead feeder line and switching to serve Camp Margarita substation.				
11. REQUIREMENT: <u>AS REQUIRED</u> <u>PROJECT:</u> Increase the capacity, reliability, flexibility, and safety of the Haybarn Canyon Distribution System, to provide expansion capabilities to meet increasing demands in the southern areas of the base. (New mission.) <u>REQUIREMENT:</u> The Haybarn Canyon Electrical Distribution System supplies approximately 50 percent of the base's power. Current demand exceeds capacity by more than 25 percent. Capacity must be increased to ensure adequate power is available to serve both existing and future power demands to be imposed on the system. <u>CURRENT SITUATION:</u> The electrical system consists of a main feeder and two transformers owned by the San Diego Gas and Electric Company (SDG&E), and switchgear and feeder circuits owned by the Marine Corps. The current demand on this system is 23.49 MVA with an expected increase to 31.95 MVA by 1995. Because the existing capacity is already short of the current demand, sporadic load shedding and outages occur during times when peak demands are imposed. Additional capacity will soon be required and overloading will get worse. <u>IMPACT IF NOT PROVIDED:</u> Load shedding requirements and outages currently experienced will become more frequent. Increased demands of future construction expansion cannot be fully satisfied and the potential for total system failure will be increased.				

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE																		
NAVY																				
3. INSTALLATION AND LOCATION																				
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA																				
4. PROJECT TITLE		5. PROJECT NUMBER																		
ELECTRICAL DISTRIBUTION SYSTEM UPGRADE		P-932																		
12. SUPPLEMENTAL DATA:																				
A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: <table style="width: 100%;"> <tr> <td>(A) DATE DESIGN STARTED</td> <td style="text-align: right;">05-90</td> </tr> <tr> <td>(B) PERCENT COMPLETE AS OF JANUARY 1992</td> <td style="text-align: right;">100</td> </tr> <tr> <td>(C) DATE DESIGN 35% COMPLETE</td> <td style="text-align: right;">12-90</td> </tr> <tr> <td>(D) DATE DESIGN COMPLETE</td> <td style="text-align: right;">01-92</td> </tr> </table> (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) <table style="width: 100%;"> <tr> <td>(A) PRODUCTION OF PLANS AND SPECIFICATIONS</td> <td style="text-align: right;">(234)</td> </tr> <tr> <td>(B) ALL OTHER DESIGN COSTS</td> <td style="text-align: right;">(181)</td> </tr> <tr> <td>(C) TOTAL</td> <td style="text-align: right;">415</td> </tr> <tr> <td>(D) CONTRACT</td> <td style="text-align: right;">(330)</td> </tr> <tr> <td>(E) IN-HOUSE</td> <td style="text-align: right;">(85)</td> </tr> </table> (4) CONSTRUCTION START 10-92 (MONTH AND YEAR) B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE			(A) DATE DESIGN STARTED	05-90	(B) PERCENT COMPLETE AS OF JANUARY 1992	100	(C) DATE DESIGN 35% COMPLETE	12-90	(D) DATE DESIGN COMPLETE	01-92	(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(234)	(B) ALL OTHER DESIGN COSTS	(181)	(C) TOTAL	415	(D) CONTRACT	(330)	(E) IN-HOUSE	(85)
(A) DATE DESIGN STARTED	05-90																			
(B) PERCENT COMPLETE AS OF JANUARY 1992	100																			
(C) DATE DESIGN 35% COMPLETE	12-90																			
(D) DATE DESIGN COMPLETE	01-92																			
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(234)																			
(B) ALL OTHER DESIGN COSTS	(181)																			
(C) TOTAL	415																			
(D) CONTRACT	(330)																			
(E) IN-HOUSE	(85)																			

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM							2. DATE		
3. INSTALLATION AND LOCATION MARINE CORPS AIR-GROUND COMBAT CENTER, TWENTYNINE PALMS, CALIFORNIA							4. COMMAND COMMANDANT OF THE MARINE CORPS		5. AREA CONSTR. COST INDEX 1.38	
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	116	1505	1329	30	1700	0	444	6078	41	
	241	1323	1312	30	1885	0	562	7409	164	11243
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (595,599)										
b. INVENTORY TOTAL AS OF 30 SEP 90 303,560										
c. AUTHORIZATION NOT YET IN INVENTORY 43,965										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 4,600										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 6,826										
f. PLANNED IN NEXT THREE PROGRAM YEARS 22,100										
g. REMAINING DEFICIENCY 84,650										
h. GRAND TOTAL 465,701										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	STATUS COMPLETE					
844.40	NON-POTABLE WTR SYS IMPVS	LS	4,600	01/91	03/92					
	TOTAL		4,600							
9. FUTURE PROJECTS:										
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):										
179.30	ANTI-ARMOR AIR TRCKING RGE	LS	2,126	-	-					
217.10	COMM/ELEC MAINT FAC	40,000 SF	3,200	-	-					
179.40	MULTI-PURP MECH GUN RANGE	LS	1,500	-	-					
	TOTAL		6,826							
B. MAJOR PLANNED NEXT THREE YEARS:										
740.74	CHILD DEVELOPMENT CENTER	25,550 SF	4,100							
721.11	BACHELOR ENLISTED QUARTERS	LS	18,000							
10. MISSION OR MAJOR FUNCTIONS:										
Provide housing, training facilities, logistical, and administrative support for Fleet Marine Force units and other units assigned. Operate the Communication-Electronics School, and administer and conduct the air-ground training program for combined training of Fleet Marine Force units, both active and reserve.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)										
A: POLLUTION ABATEMENT 0										
B: INSTALLATION RESTORATION 0										
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): 0										

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS AIR-GROUND COMBAT CENTER, TWENTYNINE PALMS, CALIFORNIA			4. PROJECT TITLE NON-POTABLE WATER SYSTEM IMPROVEMENTS	
5. PROGRAM ELEMENT 0206496M	6. CATEGORY CODE 844.40	7. PROJECT NUMBER P-455	8. PROJECT COST (\$000) 4,600	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
NON-POTABLE WATER SYSTEM IMPROVEMENTS.	LS	-	-	800
SUPPORTING FACILITIES.	-	-	-	3,330
SPECIAL CONSTRUCTION FEATURES.	LS	-	-	(110)
UTILITIES.	LS	-	-	(2,000)
PAVING AND SITE IMPROVEMENT.	LS	-	-	(1,220)
SUBTOTAL	-	-	-	4,130
CONTINGENCY (5.0%).	-	-	-	210
TOTAL CONTRACT COST.	-	-	-	4,340
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	260
TOTAL REQUEST.	-	-	-	4,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION 760,000-gallon non-potable equalizing tank; conversion of 500,000-gallon domestic water reservoir to non-potable equalizing tank; pumps and piping; conversion of domestic irrigation to non-potable; expand existing non-potable irrigation and distribution system; engineered fill; windbreak tree lines and turf for recreational areas.				
11. REQUIREMENT: <u>AS REQUIRED</u> PROJECT: Provides for disposal of excess waste water effluent in a beneficial manner by expanding the non-potable water reclamation system. (Current mission.) REQUIREMENT: Increase the size of the present non-potable water system to provide for disposal of excess waste water effluent in a beneficial manner. CURRENT SITUATION: Waste water from the sewage treatment plant is disposed of by evaporation and irrigation. The recycled water used for irrigation must be increased by 273,750,000 gallons per year to prevent evaporation pond overflow. If the ponds are allowed to overflow, the waste water will flood the low lying private property to the north and west of the base boundaries. This would be in violation of California Waste Discharge Requirements Order 77-14. Violation of this order would lead to a cease and desist order, assessment of fines, and damage suits initiated by the property owners. IMPACT IF NOT PROVIDED: Since the current waste water discharge system is overloaded, the potential exists for the storage ponds to overflow or the reuse areas to be over-irrigated, thereby causing surface flows. Both of these conditions will violate the Waste Discharge Requirements Order 77-14 issued by the State of California to this center for its waste water treatment and disposal system. Violations of this order and Federal and State pollution abatement statutes could occur, leading to notice of				

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS AIR-GROUND COMBAT CENTER, TWENTYNINE PALMS, CALIFORNIA		
4. PROJECT TITLE NON-POTABLE WATER SYSTEM IMPROVEMENTS		5. PROJECT NUMBER P-455
11. REQUIREMENT: (CONTINUED) <u>IMPACT IF NOT PROVIDED:</u> (CONTINUED) violations, court action, and the assessment of fines.		
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: (A) DATE DESIGN STARTED. 01-91 (B) PERCENT COMPLETE AS OF JANUARY 1992. 80 (C) DATE DESIGN 35% COMPLETE 07-91 (D) DATE DESIGN COMPLETE 03-92 (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) (A) PRODUCTION OF PLANS AND SPECIFICATIONS (220) (B) ALL OTHER DESIGN COSTS (217) (C) TOTAL 437 (D) CONTRACT (387) (E) IN-HOUSE (50) (4) CONSTRUCTION START. 12-92 (MONTH AND YEAR)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION MARINE CORPS LOGISTICS BASE, ALBANY, GEORGIA						4. COMMAND COMMANDANT OF THE MARINE CORPS		5. AREA CONSTR. COST INDEX 0.80		
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	136	793	2666	0	158	0	15	65	344	
	523	844	2961	0	61	0	14	62	248	4713
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (3,673)										
b. INVENTORY TOTAL AS OF 30 SEP 90 100,570										
c. AUTHORIZATION NOT YET IN INVENTORY. 11,725										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 4,100										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 5,950										
f. PLANNED IN NEXT THREE PROGRAM YEARS 0										
g. REMAINING DEFICIENCY. 4,850										
h. GRAND TOTAL 127,195										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)	DESIGN START	STATUS COMPLETE		
213.59	ABRASIVE BLAST FACILITY				19,600 SF	4,100	01/91	03/92		
	TOTAL					4,100				
9. FUTURE PROJECTS:										
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):										
225.10	AUTOMATIC TEST SPT CTR				LS	5,120	-	-		
740.74	CHILD DEVELOPMENT CENTER				LS	830	-	-		
	TOTAL					5,950				
B. MAJOR PLANNED NEXT THREE YEARS: NONE										
10. MISSION OR MAJOR FUNCTIONS:										
Perform the full range of inventory management functions for secondary items to which assigned integrated materiel management responsibility; perform, subsequent to acquisition phase, full range of inventory management functions for principal end items; oversee fielded Marine Corps weapons systems readiness and logistic support; perform cataloging and delegated standardization functions for the Marine Corps; perform all required storage functions in support of on-hand stores materiel; provide fifth echelon depot level maintenance capability for support of nonconsumable items rebuild requirements; provide overflow fourth echelon maintenance capability in support of operating forces nonconsumable item repair requirements; provide a central logistics quality assurance program; conduct formal schools and training, as directed; and perform such other tasks and functions as may be directed by the Commandant of the Marine Corps.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)										
A: POLLUTION ABATEMENT						4,080				
B: INSTALLATION RESTORATION						0				
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):						0				



1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION NAVAL COMM AREA MASTER STATION EASTPAC, HONOLULU, HAWAII					4. COMMAND NAVAL COMPUTER & TELE- COMMUNICATIONS COMM		5. AREA CNSTR COST INDEX 1.36			
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	a. AS OF 09/30/90	47	1085	141	0	0	0	0	3	0
b. END FY 1996	49	1120	141	0	0	0	0	3	0	1313
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (2,422)										
b. INVENTORY TOTAL AS OF 30 SEP 90 52,440										
c. AUTHORIZATION NOT YET IN INVENTORY. 8,000										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 1,400										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 3,570										
f. PLANNED IN NEXT THREE PROGRAM YEARS 17,250										
g. REMAINING DEFICIENCY. 7,700										
h. GRAND TOTAL 90,360										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)	DESIGN STATUS START COMPLETE			
132.10	ANTENNA SAFETY IMPRVS				LS	1,400	06/85	06/86		
	TOTAL					1,400				
9. FUTURE PROJECTS:										
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):										
131.15	COMMUNICATION CENTER				18,900 SF	1,620	-	-		
812.30	ELECTRICAL UPGRADE				LS	1,950	-	-		
	TOTAL					3,570				
B. MAJOR PLANNED NEXT THREE YEARS:										
131.15	COMMS CTR IMPROVS				LS	3,100				
730.10	FIRE STATION				3,390 SF	1,250				
740.43	GYMNASIUM				11,000 SF	1,500				
10. MISSION OR MAJOR FUNCTIONS:										
This activity, as a part of the Naval telecommunications system, manages, operates, and maintains those facilities, systems, equipment, and devices necessary to provide requisite communications for the command, operational control, and administration of the Naval establishment. Manages, operates, and maintains those facilities and equipment of the Defense telecommunications system and the Coast Guard as assigned, and performs such other functions as may be directed by the Chief of Naval Operations.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)										
A: POLLUTION ABATEMENT 0										
B: INSTALLATION RESTORATION 0										
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): 0										

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL COMM AREA MASTER STATION EASTPAC, HONOLULU, HAWAII			4. PROJECT TITLE ANTENNA SAFETY IMPROVEMENTS	
5. PROGRAM ELEMENT 0303196N	6. CATEGORY CODE 132.10	7. PROJECT NUMBER P-127	8. PROJECT COST (\$000) 1,400	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ANTENNA SAFETY IMPROVEMENTS.	LS	-	-	1,250
HOIST-WAY ENCLOSURE AND DOOR	LS	-	-	(800)
GUARDRAILS AND PLATFORM MODIFICATIONS.	LS	-	-	(450)
SUBTOTAL	-	-	-	1,250
CONTINGENCY (5.0%).	-	-	-	60
TOTAL CONTRACT COST.	-	-	-	1,310
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	90
TOTAL REQUEST.	-	-	-	1,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Safety railings at each intermediate level platform and at ladder openings; enclose elevator hoist-way; inter-locking doors at each platform level.				
11. REQUIREMENT: <u>AS REQUIRED</u> <u>PROJECT:</u> Provides safety improvements to Very Low Frequency (VLF) antenna towers to meet Occupational Safety and Health Act (OSHA) requirements. (Current mission.) <u>REQUIREMENT:</u> Safety improvements are required to comply with OSHA requirements and standards when accessing high towers for maintenance and repairs. <u>CURRENT SITUATION:</u> Access to two 1,500-foot high towers is gained by a radio controlled personnel elevator and a series of ladders connecting various platform levels. With the exception of the top one, all platforms, ladder openings, and hoist-ways are without protective railings. Maintenance and repairs to these two towers are performed in a dangerous manner and in violation of OSHA standards. <u>IMPACT IF NOT PROVIDED:</u> Maintenance and repairs to these two towers will continue to be accomplished in an unsafe manner, endangering the lives of maintenance personnel and violating OSHA requirements.				

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION NAVAL COMM AREA MASTER STATION EASTPAC, HONOLULU, HAWAII		
4. PROJECT TITLE ANTENNA SAFETY IMPROVEMENTS		5. PROJECT NUMBER P-127
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: (A) DATE DESIGN STARTED. 06-85 (B) PERCENT COMPLETE AS OF JANUARY 1992. 100 (C) DATE DESIGN 35% COMPLETE 12-85 (D) DATE DESIGN COMPLETE 06-86 (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES___NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) (A) PRODUCTION OF PLANS AND SPECIFICATIONS (60) (B) ALL OTHER DESIGN COSTS (25) (C) TOTAL 85 (D) CONTRACT (75) (E) IN-HOUSE (10) (4) CONSTRUCTION START. 12-92 (MONTH AND YEAR)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM							2. DATE																		
3. INSTALLATION AND LOCATION NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND							4. COMMAND CHIEF OF NAVAL EDUCATION AND TRAINING			5. AREA CONSTR. COS' INDEX 1. 12																
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL																
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN																	
	560	3190	938	535	415	0	3	145	0		5786															
	563	3103	935	563	414	0	5	125	0	5708																
7. INVENTORY DATA (\$000)																										
a. TOTAL ACREAGE (1,200)																										
b. INVENTORY TOTAL AS OF 30 SEP 90 166,670																										
c. AUTHORIZATION NOT YET IN INVENTORY. 37,260																										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 2,000																										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 4,246																										
f. PLANNED IN NEXT THREE PROGRAM YEARS 17,902																										
g. REMAINING DEFICIENCY. 87,800																										
h. GRAND TOTAL 315,878																										
8. PROJECTS REQUESTED IN THIS PROGRAM:																										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)	DESIGN STATUS																			
821.61	FUEL OIL STORAGE				LS	2,000	12/90	11/91																		
	TOTAL					2,000																				
9. FUTURE PROJECTS:																										
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):																										
821.22	BOILER PLANT MODIFICATIONS				80 MB	4,246	-	-																		
	TOTAL					4,246																				
B. MAJOR PLANNED NEXT THREE YEARS:																										
730.20	POLICE STATION				6,650 SF	2,100																				
730.10	FIRE STATION				LS	2,250																				
441.10	GENERAL WAREHOUSE				LS	4,100																				
851.20	VEHICULAR BRIDGE				4,270 SY	9,452																				
10. MISSION OR MAJOR FUNCTIONS:																										
Administer schools which provide a source from which qualified commissioned and warrant officers may be prepared for military service, and train Navy enlisted and foreign officer candidates. Homeport for active and Naval Reserve Force (NRF) ships.																										
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Surface Warfare Officer School</td> <td style="width: 50%;">Seven Active Frigates</td> </tr> <tr> <td>Naval War College</td> <td>Seven NRF Frigates</td> </tr> <tr> <td>Officer Candidate School</td> <td>Three Mine Countermeasures</td> </tr> <tr> <td>Naval Justice School</td> <td>Ships (one active/two NRF)</td> </tr> <tr> <td>Navy Chaplains School</td> <td></td> </tr> <tr> <td>Naval Underwater Systems Center</td> <td></td> </tr> <tr> <td>Commander, Naval Surface Group Four</td> <td></td> </tr> <tr> <td>Shore Intermediate Maintenance Activity</td> <td></td> </tr> </table>											Surface Warfare Officer School	Seven Active Frigates	Naval War College	Seven NRF Frigates	Officer Candidate School	Three Mine Countermeasures	Naval Justice School	Ships (one active/two NRF)	Navy Chaplains School		Naval Underwater Systems Center		Commander, Naval Surface Group Four		Shore Intermediate Maintenance Activity	
Surface Warfare Officer School	Seven Active Frigates																									
Naval War College	Seven NRF Frigates																									
Officer Candidate School	Three Mine Countermeasures																									
Naval Justice School	Ships (one active/two NRF)																									
Navy Chaplains School																										
Naval Underwater Systems Center																										
Commander, Naval Surface Group Four																										
Shore Intermediate Maintenance Activity																										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)																										
A: POLLUTION ABATEMENT						0																				
B: INSTALLATION RESTORATION						0																				
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):						0																				

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND			4. PROJECT TITLE FUEL OIL STORAGE	
5. PROGRAM ELEMENT 0805796N	6. CATEGORY CODE 821.61	7. PROJECT NUMBER P-368	8. PROJECT COST (\$000) 2.000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FUEL OIL STORAGE	LS	-	-	1,420
SUPPORTING FACILITIES	-	-	-	380
UTILITIES	LS	-	-	(190)
PAVING AND SITE IMPROVEMENT	LS	-	-	(190)
SUBTOTAL	-	-	-	1,800
CONTINGENCY (5.0%)	-	-	-	90
TOTAL CONTRACT COST	-	-	-	1,890
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	110
TOTAL REQUEST	-	-	-	2,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION One 25,000-gallon underground steel storage tank, two 840,000-gallon underground, steel-lined, reinforced concrete storage tanks; utilities.				
11. REQUIREMENT: <u>AS REQUIRED</u> <u>PROJECT:</u> Provides fuel oil storage capacity for two boiler plants. (Current mission.) <u>REQUIREMENT:</u> Adequate minimum fuel oil storage capacity for two boiler plants to comply with the Department of Defense policy that oil-fired boiler plants must have a minimum 30-day storage capacity based on the average coldest 30 days of the year. The Defense Logistics Agency operates the oil supply terminal at Newport, and is no longer able to supply the boiler plants with fuel. This nullifies the activity's waiver not to have an adequate supply on hand. <u>CURRENT SITUATION:</u> The two boiler plants must presently depend completely on contract fuel deliveries for their continued operation. During periods when total peak capacity is required, the two plants had only enough storage capacity to operate 8 days and two and a half days, respectively. The existing storage tanks are 30, 50, and 72 years old and have deteriorated. There was an oil spill into Narragansett Bay in 1988 and the potential remains for additional spills. Any additional leaks will require shut-down of the fuel system and operation of this plant from an emergency fuel system requiring around-the-clock fuel delivery, which cannot be provided by local distributors. <u>IMPACT IF NOT PROVIDED:</u> The operation of the boiler plants, which provide steam to the activity and tenant commands, will remain dependent on contract oil deliveries. These deliveries are susceptible to contract personnel strikes, equipment failure, decreased daily deliveries, major shortages, and sabotage. Should any of these occur, it could result in shutting off the				

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND		
4. PROJECT TITLE FUEL OIL STORAGE		5. PROJECT NUMBER P-368
11. REQUIREMENT: (CONTINUED) <u>IMPACT IF NOT PROVIDED:</u> (CONTINUED) steam to all major portions of the complex preventing it from performing its mission and potentially damaging equipment, structures and stored items.		
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: 12-90 100 05-91 11-91 (A) DATE DESIGN STARTED. (B) PERCENT COMPLETE AS OF JANUARY 1992. (C) DATE DESIGN 35% COMPLETE (D) DATE DESIGN COMPLETE (2) BASIS: YES NO X (A) STANDARD OR DEFINITIVE DESIGN: (B) WHERE DESIGN WAS MOST RECENTLY USED: (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) 110 43 153 135 18 (A) PRODUCTION OF PLANS AND SPECIFICATIONS (B) ALL OTHER DESIGN COSTS (C) TOTAL (D) CONTRACT (E) IN-HOUSE (4) CONSTRUCTION START. 10-92 (MONTH AND YEAR)		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION NAVAL AIR STATION, MEMPHIS, TENNESSEE						4. COMMAND CHIEF OF NAVAL EDUCATION AND TRAINING		5. AREA CONST COST INDEX .86		
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	302	3146	1783	22	6865	0	0	5	0	
	310	3309	1795	13	8144	0	0	5	0	13576
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (3,450)										
b. INVENTORY TOTAL AS OF 30 SEP 90 202,850										
c. AUTHORIZATION NOT YET IN INVENTORY 20,860										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 9,060										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 24,440										
f. PLANNED IN NEXT THREE PROGRAM YEARS 18,540										
g. REMAINING DEFICIENCY 91,960										
h. GRAND TOTAL 367,710										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)	DESIGN STATUS START COMPLETE			
179.45	FIRE FIGHTING TRNG FAC				58,100 SF	9,060	06/90	05/92		
	TOTAL					9,060				
9. FUTURE PROJECTS:										
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):										
171.20	APPLIED INSTRUCTION BLDG				146,174 SF	14,000	-	-		
136.10	APPROACH LIGHTING				LS	3,700	-	-		
880.10	FIRE ALARM SYS IMPRVS				180 BX	1,150	-	-		
171.35	FUELS TRAINER FACILITY				2,267 SF	940	-	-		
111.10	RUNWAY IMPROVEMENTS				LS	4,650	-	-		
	TOTAL					24,440				
10. MISSION OR MAJOR FUNCTIONS:										
Maintain and operate facilities and provide services and materials to support operations of aviation activities and units of the Naval Education and Training Command.										
Chief of Naval Technical Training Naval Air Technical Training Center Naval Air Maintenance Training Group Naval Air Reserve Tennessee Air National Guard Naval Hospital Reserve VP Squadron										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)										
A: POLLUTION ABATEMENT						0				
B: INSTALLATION RESTORATION						0				
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):						0				

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION, MEMPHIS, TENNESSEE			4. PROJECT TITLE FIRE FIGHTING TRAINING FACILITY	
5. PROGRAM ELEMENT 0805796N	6. CATEGORY CODE 179.45	7. PROJECT NUMBER P-170	8. PROJECT COST (\$000) 9,060	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FIRE FIGHTING TRAINING FACILITY.	SF	58,100	-	5,090
BUILDINGS.	SF	58,100	86.00	(5,000)
TECHNICAL OPERATING MANUALS.	LS	-	-	(90)
SUPPORTING FACILITIES.	-	-	-	3,050
SPECIAL CONSTRUCTION FEATURES.	LS	-	-	(180)
UTILITIES.	LS	-	-	(380)
PAVING AND SITE IMPROVEMENT.	LS	-	-	(1,530)
DEMOLITION AND REMOVAL.	LS	-	-	(960)
SUBTOTAL.	-	-	-	8,140
CONTINGENCY (5.0%).	-	-	-	410
TOTAL CONTRACT COST.	-	-	-	8,550
SUPERVISION, INSPECTION & OVERHEAD (6.0%).	-	-	-	510
TOTAL REQUEST.	-	-	-	9,060
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(5,000)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Two-story building with observation tower on roof, steel frame, masonry walls, concrete floors, pile foundation, single ply membrane roof system on metal deck, fire protection system, air conditioning, utilities; one-story pre-engineered metal building, concrete floor, utilities; static aircraft parking ramp, aircraft taxi ramp, vehicle washrack, remote applied instruction building with aircraft carrier deck, demolition of two buildings and removal of asbestos.				
11. REQUIREMENT: <u>58,100 SF</u> ADEQUATE: <u>0</u> SF SUBSTANDARD: <u>0</u> SF <u>PROJECT:</u> Provides facilities for support of the Shore Aircraft Firefighting and Rescue (AFFR), Aviation Boatswain's Mate Handling (ABH) and Aviation Boatswain's Mate Fuels (ABF) courses at the Naval Air Technical Training Center (NATTC), Millington. (Current mission.) <u>REQUIREMENT:</u> Adequate facilities in which to conduct the firefighting, ABH, and ABF schools. Facilities will include applied instruction space, operational trainer space, training material storage, an aircraft carrier deck at a remote location, a static aircraft parking ramp and a vehicle washrack. Enlisted Aviation Maintenance Training is being single sited, requiring the ABH and ABF Schools to be moved from NATTC Lakehurst, New Jersey to NATTC Millington. The schools will be housed in inadequate World War II buildings pending completion of this project. <u>CURRENT SITUATION:</u> The firefighting school is housed in semi-permanent, inadequate and undersized, deteriorated buildings. The buildings are energy inefficient, poorly insulated and without proper air conditioning. They are highly vulnerable to destruction by fire. Classrooms are poorly lighted and provide an inadequate training environment. Firefighting vehicles are outside in the elements and this exposure to weather extremes on both vehicles and students degrades the training environment and increases vehicle maintenance cost. Additionally, there is no				

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE												
3. INSTALLATION AND LOCATION NAVAL AIR STATION, MEMPHIS, TENNESSEE														
4. PROJECT TITLE FIRE FIGHTING TRAINING FACILITY	5. PROJECT NUMBER P-170													
11. REQUIREMENT: (CONTINUED) <u>CURRENT SITUATION:</u> (CONTINUED) permanently assigned heated space to protect vehicles from damage due to freezing. <u>IMPACT IF NOT PROVIDED:</u> The schools will operated with inadequate, deteriorated and deficient facilities and the training of students will suffer accordingly.														
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: (A) DATE DESIGN STARTED. 06-90 (B) PERCENT COMPLETE AS OF JANUARY 1992. 70 (C) DATE DESIGN 35% COMPLETE 07-91 (D) DATE DESIGN COMPLETE 05-92 (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) (A) PRODUCTION OF PLANS AND SPECIFICATIONS (535) (B) ALL OTHER DESIGN COSTS (205) (C) TOTAL 740 (D) CONTRACT (650) (E) IN-HOUSE (90) (4) CONSTRUCTION START. 10-92 (MONTH AND YEAR) B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">EQUIPMENT NOMENCLATURE</th> <th style="text-align: left;">PROCURING APPROPRIATION</th> <th style="text-align: left;">FISCAL YEAR APPROPRIATED OR REQUESTED</th> <th style="text-align: left;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td>FIRE FIGHTING TRAINER</td> <td>OPN-BA 7</td> <td>1992</td> <td>5,000</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>5,000</td> </tr> </tbody> </table>			EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)	FIRE FIGHTING TRAINER	OPN-BA 7	1992	5,000	TOTAL			5,000
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)											
FIRE FIGHTING TRAINER	OPN-BA 7	1992	5,000											
TOTAL			5,000											

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION NAVAL AIR STATION, KINGSVILLE, TEXAS						4. COMMAND CHIEF OF NAVAL EDUCATION AND TRAINING		5. AREA CONSTR COST INDEX .98		
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	164	734	254	242	0	0	9	12	0	
	222	628	263	334	0	0	9	12	0	1468
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (5,582)										
b. INVENTORY TOTAL AS OF 30 SEP 90 67,360										
c. AUTHORIZATION NOT YET IN INVENTORY. 0										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 8,500										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 0										
f. PLANNED IN NEXT THREE PROGRAM YEARS 14,530										
g. REMAINING DEFICIENCY. 1,550										
h. GRAND TOTAL 91,940										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	STATUS COMPLETE					
211.03	CORROSION CONTROL HANGAR	LS	8,500	06/90	05/92					
	TOTAL		8,500							
9. FUTURE PROJECTS:										
A. INCLUDED IN FOLLOWING PROGRAM (FY 94): NONE										
B. MAJOR PLANNED NEXT THREE YEARS:										
141.25	COMBINED FIRE STATION	LS	1,400							
217.10	GROUND ELECTRONICS	6,450 SF	1,600							
911.10	LAND ACQUISITION	379 AC	1,470							
730.83	CHAPEL	10,355 SF	1,300							
179.45	FIREFIGHTING CRASH FAC	LS	460							
10. MISSION OR MAJOR FUNCTIONS:										
Maintains and operates facilities and provide services and materials in support of basic and advanced Navy pilot training in jet aircraft.										
Training Wing Two										
Three Training Squadrons										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)										
A: POLLUTION ABATEMENT 0										
B: INSTALLATION RESTORATION 0										
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): 0										



1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION, KINGSVILLE, TEXAS			4. PROJECT TITLE CORROSION CONTROL HANGAR	
5. PROGRAM ELEMENT 0805796N	6. CATEGORY CODE 211.03	7. PROJECT NUMBER P-236	8. PROJECT COST (\$000) 8,500	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
CORROSION CONTROL HANGAR	LS	-	-	7,360
HANGAR	SF	29,200	219.00	(6,390)
INDUSTRIAL WASTE TREATMENT FACILITY.	LS	-	-	(970)
SUPPORTING FACILITIES.	-	-	-	280
UTILITIES.	LS	-	-	(120)
PAVING, SITE IMPROVEMENT, AND DEMOLITION	LS	-	-	(160)
SUBTOTAL	-	-	-	7,640
CONTINGENCY (5.0%)	-	-	-	380
TOTAL CONTRACT COST.	-	-	-	8,020
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	480
TOTAL REQUEST.	-	-	-	8,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
One-story steel frame high-bay building, concrete foundation and floor, masonry and metal-panel walls, built-up roof, hoist and monorail system, aircraft access apron, fire protection system, mechanical ventilation, utilities; washrack; one-story metal wall and roof industrial waste treatment facility, one-story concrete masonry control building; demolition of one building.				
11. REQUIREMENT: <u>AS REQUIRED</u>				
<u>PROJECT:</u> Provides a corrosion control hangar. (Current mission.)				
<u>REQUIREMENT:</u> Adequate and properly configured facility to provide a depot type corrosion control operation to support Kingsville and other air stations of the training command. Aircraft require complete stripping and repainting on a four year cycle. They also require interim touchup painting. An average of three aircraft per day will require corrosion control servicing. The facility must be in compliance with the current environmental standards. Work spaces must have controlled temperature and humidity conditions in the stripping and blasting areas. Air velocities must be controlled to capture overspray of stripping liquid and excess blasting dust.				
<u>CURRENT SITUATION:</u> A depot type corrosion control facility does not exist to support jet aircraft. The present hangar being used for corrosion control is only capable of handling one aircraft at a time. The building is not only too small for several aircraft, but does not comply with current Clean Air or Occupational Safety and Health Standards. The facility is located in the airfield clear zone and is in violation of airfield safety requirements.				
<u>IMPACT IF NOT PROVIDED:</u> The training system requirement to provide a depot type corrosion control operation would not be met, and costly transport of aircraft to a remote Navy or contractor facility would be required. This would introduce				

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM								2. DATE	
3. INSTALLATION AND LOCATION NAVAL STATION, NORFOLK, VIRGINIA						4. COMMAND NAVAL SEA SYSTEMS COMMAND		5. AREA CONSTR. COST INDEX .92		
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	4047	54567	2096	38	213	0	375	1953	0	
	3472	49165	2099	52	265	0	375	1953	0	57381

7. INVENTORY DATA (\$000)	
a. TOTAL ACREAGE	(181)
b. INVENTORY TOTAL AS OF 30 SEP 90	225,040
c. AUTHORIZATION NOT YET IN INVENTORY	11,300
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	500
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	1,000
f. PLANNED IN NEXT THREE PROGRAM YEARS	69,600
g. REMAINING DEFICIENCY	4,740
h. GRAND TOTAL	312,180

8. PROJECTS REQUESTED IN THIS PROGRAM:						
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	STATUS COMPLETE	
165.10	DREDGING	LS	500	06/90	08/91	
	TOTAL		500			

9. FUTURE PROJECTS:						
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):						
151.40	FUEL LINE	LS	500	-	-	
851.10	ROAD UPGRADE PARKING	LS	500	-	-	
	TOTAL		1,000			
B. MAJOR PLANNED NEXT THREE YEARS:						
165.10	DREDGING (PH I)	LS	26,000			
151.10	PIER TRESTLE	LS	11,500			
821.50	STEAM PLANT	LS	4,000			

10. MISSION OR MAJOR FUNCTIONS:													
Functions as the primary operating base of the Atlantic Fleet, homeport to over 100 ships, including aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. This station is the hub of the major Tidewater Logistics Complex of Hampton Roads, Portsmouth, Yorktown and Little Creek. Supporting the following activities: <table style="width: 100%;"> <tr> <td>Amphibious Group</td> <td>Naval Air Station</td> </tr> <tr> <td>Cruiser-Destroyer Group</td> <td>Naval Aviation Depot</td> </tr> <tr> <td>Attack Submarine Squadrons</td> <td>Nuclear Weapons Training Center</td> </tr> <tr> <td>Fleet Training Center</td> <td>Navy Public Works Center</td> </tr> <tr> <td>Shore Intermediate Maint. Act.</td> <td>Naval Supply Center</td> </tr> <tr> <td>Service Group</td> <td></td> </tr> </table>		Amphibious Group	Naval Air Station	Cruiser-Destroyer Group	Naval Aviation Depot	Attack Submarine Squadrons	Nuclear Weapons Training Center	Fleet Training Center	Navy Public Works Center	Shore Intermediate Maint. Act.	Naval Supply Center	Service Group	
Amphibious Group	Naval Air Station												
Cruiser-Destroyer Group	Naval Aviation Depot												
Attack Submarine Squadrons	Nuclear Weapons Training Center												
Fleet Training Center	Navy Public Works Center												
Shore Intermediate Maint. Act.	Naval Supply Center												
Service Group													

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)	
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT NAVY		FY 1993 MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION NAVAL AIR STATION, OCEANA, VIRGINIA						4. COMMAND COMMANDER IN CHIEF, ATLANTIC FLEET		5. AREA CONSTR. COST INDEX .92		
6. PERSONNEL STRENGTH	PERMANENT STUDENTS SUPPORTED									TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	a. AS OF 09/30/90									
b. END FY 1996										
	1079	8220	1385	199	997	0	118	495	0	12493
	1118	8169	1317	163	993	0	118	495	0	12373
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (22,694)										
b. INVENTORY TOTAL AS OF 30 SEP 90 241,700										
c. AUTHORIZATION NOT YET IN INVENTORY. 29,125										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 3,600										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 2,600										
f. PLANNED IN NEXT THREE PROGRAM YEARS 46,540										
g. REMAINING DEFICIENCY. 94,470										
h. GRAND TOTAL 418,035										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE				SCOPE	COST (\$000)	DESIGN START	STATUS COMPLETE		
171.35	WEAPON SYS TRNR BLDG ADDN				21,450 SF	3,600	01/91	03/92		
	TOTAL					3,600				
9. FUTURE PROJECTS:										
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):										
171.35	F-14D TRAMP TRAINER				LS	2,600	-	-		
	TOTAL					2,600				
B. MAJOR PLANNED NEXT THREE YEARS:										
740.74	CHILD DEV CENTER ADDITION				3,573 SF	1,450				
211.05	HANGAR UPGRADE				182,856 SF	4,500				
171.20	OPERATIONAL TRAINING FAC				112,330 SF	21,000				
411.30	A/C READY ISSUE FUEL				LS	1,200				
10. MISSION OR MAJOR FUNCTIONS:										
This Atlantic Fleet master jet base provides operational support to 12 fighter squadrons (F-14) and eight medium attack squadrons (A-6) which deploy on Atlantic Fleet aircraft carriers, one adversary fighter squadron, two reserve units, and two Fleet Readiness Squadrons. It also provides support to ALF (Auxiliary Landing Field) Fentress.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)										
A: POLLUTION ABATEMENT 0										
B: INSTALLATION RESTORATION 0										
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): 0										

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION, OCEANA, VIRGINIA			4. PROJECT TITLE WEAPON SYSTEM TRAINER BUILDING ADDITION	
5. PROGRAM ELEMENT O2O4696N	6. CATEGORY CODE 171.35	7. PROJECT NUMBER P-176	8. PROJECT COST (\$000) 3,600	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WEAPON SYSTEM TRAINER BUILDING ADDITION.	SF	21,450	134.00	2,870
SUPPORTING FACILITIES.	-	-	-	370
SPECIAL CONSTRUCTION FEATURES.	LS	-	-	(70)
ELECTRICAL UTILITIES.	LS	-	-	(110)
MECHANICAL UTILITIES.	LS	-	-	(70)
PAVING AND SITE IMPROVEMENT.	LS	-	-	(120)
SUBTOTAL.	-	-	-	3,240
CONTINGENCY (5.0%).	-	-	-	160
TOTAL CONTRACT COST.	-	-	-	3,400
SUPERVISION, INSPECTION & OVERHEAD (6.0%).	-	-	-	200
TOTAL REQUEST.	-	-	-	3,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(76,200)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Two-story steel frame and masonry building addition, masonry walls, built-up roof on insulation board over metal deck, pile foundation, high bay area, raised floor, fire protection system, monorail hoist, loading dock, air conditioning, utilities.				
11. REQUIREMENT: <u>21,450</u> SF ADEQUATE: <u>0</u> SF SUBSTANDARD: <u>0</u> SF <u>PROJECT:</u> Provides a facility to house two mission flight trainers (MFT), a double domed weapons system trainer (WST), and a tactical environment systems trainer (TES) for F14D aircraft. (New mission.) <u>REQUIREMENT:</u> Adequate and properly-configured facilities to accommodate trainers and associated computers and equipment. The F14D trainers are scheduled for delivery to Oceana beginning in May 1994. <u>CURRENT SITUATION:</u> There are no available facilities at Oceana which could be used to house the new F14D trainers. The F14D aircraft is a new version of the F14 aircraft with a new engine, a new avionics package and increased weapon systems capability. Existing F14 trainers cannot provide the needed training for the F14D. The F14 will be operational through the year 2000 and beyond, so the buildings used to house the F14 trainers cannot be converted for F14D use. A previous military construction project provided most of the common support spaces such as administration and classroom space. <u>IMPACT IF NOT PROVIDED:</u> Oceana will be unable to provide adequate mission flight training for personnel assigned to the F14D aircraft, jeopardizing combat readiness and effectiveness. The carriers will deploy without the full benefits provided by the major F14D upgrade. The ability of the carrier to defend itself and the battle group will be degraded by a lack of proper systems training. There will be no facilities available to house the trainers, and storage costs will be \$1,900,000 per year.				

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE																								
3. INSTALLATION AND LOCATION NAVAL AIR STATION, OCEANA, VIRGINIA																										
4. PROJECT TITLE WEAPON SYSTEM TRAINER BUILDING ADDITION		5. PROJECT NUMBER P-176																								
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: (A) DATE DESIGN STARTED. 01-91 (B) PERCENT COMPLETE AS OF JANUARY 1992. 80 (C) DATE DESIGN 35% COMPLETE 07-91 (D) DATE DESIGN COMPLETE 03-92 (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES___NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) (A) PRODUCTION OF PLANS AND SPECIFICATIONS (128) (B) ALL OTHER DESIGN COSTS (50) (C) TOTAL 178 (D) CONTRACT (0) (E) IN-HOUSE (178) (4) CONSTRUCTION START. 11-92 (MONTH AND YEAR) B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:																										
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;">EQUIPMENT NOMENCLATURE</th> <th style="text-align: left; width: 20%;">PROCURING APPROPRIATION</th> <th style="text-align: left; width: 20%;">FISCAL YEAR APPROPRIATED OR REQUESTED</th> <th style="text-align: left; width: 25%;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td>MISSION FLIGHT TRAINER 2F153</td> <td>APN</td> <td>1992</td> <td>18,600</td> </tr> <tr> <td>WEAPON SYSTEMS TRAINER 2F154</td> <td>APN</td> <td>1992</td> <td>38,400</td> </tr> <tr> <td>MISSION FLIGHT TRAINER 2F153</td> <td>APN</td> <td>1993</td> <td>17,300</td> </tr> <tr> <td>TACTICAL ENVIRONMENT SYSTEMS TRAINER</td> <td>APN</td> <td>1993</td> <td>1,900</td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;">TOTAL</td> <td>76,200</td> </tr> </tbody> </table>			EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)	MISSION FLIGHT TRAINER 2F153	APN	1992	18,600	WEAPON SYSTEMS TRAINER 2F154	APN	1992	38,400	MISSION FLIGHT TRAINER 2F153	APN	1993	17,300	TACTICAL ENVIRONMENT SYSTEMS TRAINER	APN	1993	1,900	TOTAL			76,200
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)																							
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MISSION FLIGHT TRAINER 2F153	APN	1993	17,300																							
TACTICAL ENVIRONMENT SYSTEMS TRAINER	APN	1993	1,900																							
TOTAL			76,200																							

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM							2. DATE		
3. INSTALLATION AND LOCATION STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON						4. COMMAND STRATEGIC SYSTEMS PROJECTS OFFICE		5. AREA CONSTR. COST INDEX .94		
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	17	91	352	0	0	0	0	0	0	
	18	101	372	0	0	0	0	0	0	491

7. INVENTORY DATA (\$000)	
a. TOTAL ACREAGE	(0)
b. INVENTORY TOTAL AS OF 30 SEP 90	118,920
c. AUTHORIZATION NOT YET IN INVENTORY	71,540
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	25,940
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	18,830
f. PLANNED IN NEXT THREE PROGRAM YEARS	10,082
g. REMAINING DEFICIENCY	151,616
h. GRAND TOTAL	396,928

8. PROJECTS REQUESTED IN THIS PROGRAM:							
CATEGORY CODE	PROJECT TITLE	SCOPE		COST (\$000)		DESIGN START	STATUS COMPLETE
421.72	MISSILE MOTOR MAGAZINES	46,830	SF	16,600		01/91	03/92
932.20	UTILITIES & SITE IMPROVS	LS		9,340		01/91	03/92
	TOTAL			25,940			

9. FUTURE PROJECTS:							
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):							
421.72	MISSILE MOTOR MAGS	40,586	SF	14,330		-	-
932.20	UTILITIES & SITE IMPROVES	LS		4,500		-	-
	TOTAL			18,830			
B. MAJOR PLANNED NEXT THREE YEARS:							
421.72	MISSILE MOTOR MAGS	LS		10,082			

10. MISSION OR MAJOR FUNCTIONS:	
Provide support on west coast for the operational TRIDENT system of submarines and long range missiles, including processing capability for assembly and disassembly of both explosive and non-explosive components of the TRIDENT II (D-5) missile.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)	
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0



1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE						
3. INSTALLATION AND LOCATION STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON			4. PROJECT TITLE MISSILE MOTOR MAGAZINES							
5. PROGRAM ELEMENT 0101228N	6. CATEGORY CODE 421.72	7. PROJECT NUMBER P-810	8. PROJECT COST (\$000) 16,600							
9. COST ESTIMATES										
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)						
MISSILE MOTOR MAGAZINES.	SF	46,830	254.00	11,890						
SUPPORTING FACILITIES.	-	-	-	3,020						
UTILITIES.	LS	-	-	(640)						
PAVING AND SITE IMPROVEMENT.	LS	-	-	(2,380)						
SUBTOTAL.	-	-	-	14,910						
CONTINGENCY (5.0%).	-	-	-	750						
TOTAL CONTRACT COST.	-	-	-	15,660						
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	940						
TOTAL REQUEST.	-	-	-	16,600						
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)						
10. DESCRIPTION OF PROPOSED CONSTRUCTION Earth-covered, arch-type concrete magazines, reinforced concrete foundations and walls, "super-flat" floors and aprons, motor-operated insulated steel doors, hazardous-rated electrical equipment, mechanical equipment room, lightning protection and ordnance grounding systems, utilities.										
11. REQUIREMENT: <u>202,440</u> SF ADEQUATE: <u>155,610</u> SF SUBSTANDARD: <u>0</u> SF PROJECT: Provides fifteen missile motor magazines. (Current mission.) REQUIREMENT: Adequate facilities for storage of tactical missiles and missile motors in support of the Trident II (D-5) required production rate and Pacific Fleet deployment schedule. CURRENT SITUATION: The existing missile motor magazines are being used for Trident I (C-4) storage. IMPACT IF NOT PROVIDED: The activity will not have adequate capacity to store the quantity of missiles and missile motors required to support the Trident II (D-5) mission.										
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(A) DATE DESIGN STARTED.</td> <td style="text-align: right; border-bottom: 1px solid black;">01-91</td> </tr> <tr> <td>(B) PERCENT COMPLETE AS OF JANUARY 1992.</td> <td style="text-align: right; border-bottom: 1px solid black;">90</td> </tr> <tr> <td>(C) DATE DESIGN 35% COMPLETE</td> <td style="text-align: right; border-bottom: 1px solid black;">07-91</td> </tr> </table>					(A) DATE DESIGN STARTED.	01-91	(B) PERCENT COMPLETE AS OF JANUARY 1992.	90	(C) DATE DESIGN 35% COMPLETE	07-91
(A) DATE DESIGN STARTED.	01-91									
(B) PERCENT COMPLETE AS OF JANUARY 1992.	90									
(C) DATE DESIGN 35% COMPLETE	07-91									

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON			4. PROJECT TITLE UTILITIES AND SITE IMPROVEMENTS	
5. PROGRAM ELEMENT 0101228N	6. CATEGORY CODE 932.20	7. PROJECT NUMBER P-955	8. PROJECT COST (\$000) 9,340	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
UTILITIES AND SITE IMPROVEMENTS.	LS	-	-	8,390
SUBTOTAL	-	-	-	8,390
CONTINGENCY (5.0%).	-	-	-	420
TOTAL CONTRACT COST.	-	-	-	8,810
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	530
TOTAL REQUEST.	-	-	-	9,340
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Earth barricades, lightning protected rail siding, security fencing, utility upgrades and modifications, road upgrades and modifications, environmental mitigation, temporary security, lighting, paving, and site improvements.				
11. REQUIREMENT: <u>AS REQUIRED</u> <u>PROJECT:</u> Modifies or upgrades existing utilities and roads. (New mission.) <u>REQUIREMENT:</u> Adequate utilities, roads, rail siding, and site improvements to support the construction of new and the modification to existing facilities at this Facility during the upgrade to TRIDENT II weapons system capability. The accomplishment of infrastructure upgrade prior to building construction is critical to the orderly and cost-effective development of the Trident Strategic Weapons System. The construction of temporary security facilities allows uninterrupted accomplishment of the Trident I Weapons Systems mission. <u>CURRENT SITUATION:</u> The present utilities, roads, rail and site improvement infrastructure is inadequate to accommodate the TRIDENT II weapons system expansion. <u>IMPACT IF NOT PROVIDED:</u> This Facility will not be capable of fulfilling its function as a TRIDENT II missile assembly facility in support of the Pacific Fleet deployment schedule.				

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE																		
NAVY																				
3. INSTALLATION AND LOCATION																				
STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON																				
4. PROJECT TITLE		5. PROJECT NUMBER																		
UTILITIES AND SITE IMPROVEMENTS		P-955																		
12. SUPPLEMENTAL DATA:																				
A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: <table style="width: 100%;"> <tr> <td>(A) DATE DESIGN STARTED</td> <td style="text-align: right;">01-91</td> </tr> <tr> <td>(B) PERCENT COMPLETE AS OF JANUARY 1992</td> <td style="text-align: right;">90</td> </tr> <tr> <td>(C) DATE DESIGN 35% COMPLETE</td> <td style="text-align: right;">07-91</td> </tr> <tr> <td>(D) DATE DESIGN COMPLETE</td> <td style="text-align: right;">03-92</td> </tr> </table> (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: <u>N/A</u> (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) <table style="width: 100%;"> <tr> <td>(A) PRODUCTION OF PLANS AND SPECIFICATIONS</td> <td style="text-align: right;">(500)</td> </tr> <tr> <td>(B) ALL OTHER DESIGN COSTS</td> <td style="text-align: right;">(330)</td> </tr> <tr> <td>(C) TOTAL</td> <td style="text-align: right;">830</td> </tr> <tr> <td>(D) CONTRACT</td> <td style="text-align: right;">(750)</td> </tr> <tr> <td>(E) IN-HOUSE</td> <td style="text-align: right;">(80)</td> </tr> </table> (4) CONSTRUCTION START 12-92 (MONTH AND YEAR) B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE			(A) DATE DESIGN STARTED	01-91	(B) PERCENT COMPLETE AS OF JANUARY 1992	90	(C) DATE DESIGN 35% COMPLETE	07-91	(D) DATE DESIGN COMPLETE	03-92	(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(500)	(B) ALL OTHER DESIGN COSTS	(330)	(C) TOTAL	830	(D) CONTRACT	(750)	(E) IN-HOUSE	(80)
(A) DATE DESIGN STARTED	01-91																			
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(C) DATE DESIGN 35% COMPLETE	07-91																			
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(B) ALL OTHER DESIGN COSTS	(330)																			
(C) TOTAL	830																			
(D) CONTRACT	(750)																			
(E) IN-HOUSE	(80)																			

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM						2. DATE													
3. INSTALLATION AND LOCATION NAVAL AIR STATION, KEFLAVIK, ICELAND						4. COMMAND COMMANDER IN CHIEF, ATLANTIC FLEET		5. AREA CONSTR COST INDEX 3.38												
6. PERSONNEL STRENGTH a. AS OF 09/30/90 b. END FY 1996	PERMANENT			STUDENTS			SUPPORTED			TOTAL										
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN											
	390	2705	167	0	0	0	111	356	0											
	291	2709	167	0	0	0	111	356	0	3729										
7. INVENTORY DATA (\$000)																				
a. TOTAL ACREAGE (23,340)																				
b. INVENTORY TOTAL AS OF 30 SEP 90 450,130																				
c. AUTHORIZATION NOT YET IN INVENTORY 21,940																				
d. AUTHORIZATION REQUESTED IN THIS PROGRAM 2,000																				
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 8,700																				
f. PLANNED IN NEXT THREE PROGRAM YEARS 8,140																				
g. REMAINING DEFICIENCY 74,430																				
h. GRAND TOTAL 565,340																				
8. PROJECTS REQUESTED IN THIS PROGRAM:																				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	STATUS COMPLETE															
411.20	FUEL FACILITIES (PH VIII)	LS	2,000	04/91	06/92															
	TOTAL		2,000																	
9. FUTURE PROJECTS:																				
A. INCLUDED IN FOLLOWING PROGRAM (FY 94):																				
411.20	FUEL FACILITIES	LS	8,700	-	-															
	TOTAL		8,700																	
B. MAJOR PLANNED NEXT THREE YEARS:																				
211.07	MPA SQUAD OPERS FAC	7,342 SF	5,490																	
141.25	COMBINED FIRE/RESCUR STA	6,445 SF	2,650																	
10. MISSION OR MAJOR FUNCTIONS:																				
Iceland's location astride the Greenland-Iceland-Norway gap affords Navy land-based, anti-submarine forces a forward operating airfield and support complex. This facility also supports USAF Airborne (AWACS) and fighter-interceptor units in the air defense mission. Communications facilities provide essential coverage for Naval units operating in the North Atlantic and Norwegian Sea. Wartime contingency roles for this base include critical support to military airlift and air defense augmentation missions.																				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">ASW (P-3) Patrol Squadron</td> <td>Commander, Iceland Defense Force</td> </tr> <tr> <td>Fighter Interceptor Squadron (F-15)</td> <td>Commander, Fleet Air Keflavik</td> </tr> <tr> <td>Security Group Activity</td> <td>Communications Station</td> </tr> <tr> <td>Airborne Warning and Control System (AWACS) Det (E-3A)</td> <td>Naval Facility</td> </tr> <tr> <td colspan="2">Four Aircraft Control and Warning Sites</td> </tr> </table>											ASW (P-3) Patrol Squadron	Commander, Iceland Defense Force	Fighter Interceptor Squadron (F-15)	Commander, Fleet Air Keflavik	Security Group Activity	Communications Station	Airborne Warning and Control System (AWACS) Det (E-3A)	Naval Facility	Four Aircraft Control and Warning Sites	
ASW (P-3) Patrol Squadron	Commander, Iceland Defense Force																			
Fighter Interceptor Squadron (F-15)	Commander, Fleet Air Keflavik																			
Security Group Activity	Communications Station																			
Airborne Warning and Control System (AWACS) Det (E-3A)	Naval Facility																			
Four Aircraft Control and Warning Sites																				
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)																				
A: POLLUTION ABATEMENT			0																	
B: INSTALLATION RESTORATION			0																	
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):			0																	

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION, KEFLAVIK, ICELAND			4. PROJECT TITLE FUEL FACILITIES (PHASE VIII)	
5. PROGRAM ELEMENT 0204696N	6. CATEGORY CODE 411.20	7. PROJECT NUMBER P-469	8. PROJECT COST (\$000) 2,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FUEL FACILITIES	LS	-	-	43,310
SUBTOTAL	-	-	-	43,310
CONTINGENCY (5.0%)	-	-	-	2,170
TOTAL CONTRACT COST	-	-	-	45,480
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	2,960
SUBTOTAL	-	-	-	48,440
LESS NATO SHARE	-	-	-	46,440
TOTAL REQUEST	-	-	-	2,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Two each semi-buried 660,000-gallon and 330,000-gallon fuel storage tanks; pumps, controls, instrumentation, cathodic protection; splinter-proof reinforced concrete manifold buildings, filter separators, manifolds, instrumentation, emergency generators, controls, seven-day fuel storage tanks; approximately 3.8 miles of 12-inch and 14-inch diameter piping, cathodic protection, refuel/defuel hydrants, double truck fill stand; support facilities; utilities; apron spill protection systems.				
11. REQUIREMENT: <u>AS REQUIRED</u> <u>PROJECT:</u> Provides fuel tanks, manifold buildings, fuel hydrants and the southeast portion of the main base pipeline system. (Current mission.) <u>REQUIREMENT:</u> Adequate facilities to provide prepositioned fuel storage at this station in buried/hardened tanks, for aviation and ground operations supporting U.S. national wartime operational plans. The overall total requirement is 9,320,000 gallons, which will be programmed in several phases to be compatible with the ability of the Iceland prime contractor to do the work. <u>CURRENT SITUATION:</u> Existing fuel storage facilities meet neither U.S. National nor NATO wartime requirements for prepositioned storage. The existing facilities are inadequate, and more than half are not the required secure, buried, NATO-approved design. Existing above-ground tanks are over 25 years old and deteriorated by severe weather. Extensive repairs were made in 1980 as an interim measure until new tanks could be built. The remaining requirement is stored 60 miles away at Hvalfjordur in inadequate, above-ground, leased facilities, and, when required, barged to the pier at Keflavik. This is the eighth phase of a ten-phase program begun in FY83.				

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION, KEFLAVIK, ICELAND		
4. PROJECT TITLE FUEL FACILITIES (PHASE VIII)	5. PROJECT NUMBER P-469	
11. REQUIREMENT: (CONTINUED) <u>IMPACT IF NOT PROVIDED:</u> Fuel storage facilities at this station will continue to fail to meet U.S. and NATO wartime requirements. In the event of war, there will be a shortage of ground and aviation fuel in Europe. <u>ADDITIONAL:</u> This project is partially eligible for NATO infrastructure common funding and to that extent has been proposed for infrastructure funding. Recoupment of funds will be sought for the NATO eligible portion of the project. Phases 1-4 were funded on a 50/50 basis between U.S. and NATO. The funding split for phases 5-10 varies depending on the scope of work included in each phase.		
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: (A) DATE DESIGN STARTED. 04-91 (B) PERCENT COMPLETE AS OF JANUARY 1992. 70 (C) DATE DESIGN 35% COMPLETE 10-91 (D) DATE DESIGN COMPLETE 06-92 (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES___NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) (A) PRODUCTION OF PLANS AND SPECIFICATIONS (65) (B) ALL OTHER DESIGN COSTS (30) (C) TOTAL 95 (D) CONTRACT (65) (E) IN-HOUSE (30) (4) CONSTRUCTION START. 01-93 (MONTH AND YEAR) B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE HOST NATION INFRASTRUCTURE SUPPORT	
5. PROGRAM ELEMENT 0901212N	6. CATEGORY CODE 610.10	7. PROJECT NUMBER P-093	8. PROJECT COST (\$000) 3,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
HOST NATION INFRASTRUCTURE SUPPORT	LS	-	-	2,690
SUBTOTAL	-	-	-	2,690
CONTINGENCY (5.0%)	-	-	-	140
TOTAL CONTRACT COST	-	-	-	2,830
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	170
TOTAL REQUEST	-	-	-	3,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION The host nation support required varies for each individual NATO project. These funds will be used to cover non-NATO eligible expenses such as host nation costs, life safety, functional utility/livability, energy, administrative expenses, design support, joint formal acceptance inspection and audit, currency fluctuation losses, and restoration floor.				
11. REQUIREMENT: <u>AS REQUIRED</u> <u>PROJECT:</u> Execute role as host nation and construction agent for NATO Infrastructure projects in CONUS, Iceland and Bermuda, in accordance with DOD Directive. <u>REQUIREMENT:</u> The Host Nation Infrastructure Support (HNIS) program provides a source of U. S. funds for each NATO-funded project to pay host nation costs. This authority is not used to increase the scope of a facility for U. S. functions, such work is included through conjunctive funding in separate MILCON projects. <u>CURRENT SITUATION:</u> Navy is construction agent for NATO Infrastructure projects at locations where the United States is host nation. HNIS responsibilities involve funding certain program costs, such as, land acquisition, source utilities, roads and parking, administrative expenses, design support, joint formal acceptance inspections (JFAI) and audits, currency fluctuation losses, and restoration floor. NATO eligibility criteria stipulates only Minimum Military Requirement (MMR) for wartime occupancy and does not include peacetime related features such as fire protection or energy conservation. The average annual HNIS program requirement (FY 1983 through 1990, inclusive) has been \$2,340,000. This request is based on approved NATO Infrastructure projects. <u>IMPACT IF NOT PROVIDED:</u> Timely U. S. funding for the work will not be possible. Delays in executing these projects for lack of HNIS funding will deprive operating				

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		
4. PROJECT TITLE HOST NATION INFRASTRUCTURE SUPPORT		5. PROJECT NUMBER P-093
11. REQUIREMENT: (CONTINUED) IMPACT IF NOT PROVIDED: (CONTINUED) units of sorely needed facilities and may be a source of embarrassment for the U. S.		
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: (A) DATE DESIGN STARTED. (B) PERCENT COMPLETE AS OF JANUARY 1992. (C) DATE DESIGN 35% COMPLETE (D) DATE DESIGN COMPLETE 0 (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES NO X (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) (A) PRODUCTION OF PLANS AND SPECIFICATIONS () 0 (B) ALL OTHER DESIGN COSTS () 0 (C) TOTAL () 0 (D) CONTRACT () 0 (E) IN-HOUSE () 0 (4) CONSTRUCTION START. (MONTH AND YEAR)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM				2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS. VARIOUS LOCATIONS			4. PROJECT TITLE POLLUTION ABATEMENT FACILITIES		
5. PROGRAM ELEMENT VARIES	6. CATEGORY CODE VARIES	7. PROJECT NUMBER VARIOUS	8. PROJECT COST (\$000) 23,840		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
POLLUTION ABATEMENT FACILITIES		LS	-	-	23,840
TOTAL REQUEST.		-	-	-	23,840
10. DESCRIPTION OF PROPOSED CONSTRUCTION These pollution abatement facilities will bring Naval and Marine Corps installations into compliance with federal, state, and local environmental laws. Facilities include upgrading existing structures, building new structures, solid waste disposal, and separation of water and sewer pipelines. Environmental engineering evaluations were performed to determine the most advantageous method for achieving compliance with environmental laws and regulations. (See individual project descriptions of work.)					
11. REQUIREMENT: <u>VARIES</u>. Facilities at Naval and Marine Corps installations were often constructed with inadequate controls to meet present day environmental quality standards. Industrial wastewaters and sewage are discharged untreated or inadequately treated into adjacent waterways. These projects will continue the Navy's program for correcting, controlling, and preventing pollution at Naval and Marine Corps installations, and to comply with federal, state, and local air and water quality standards. The pollution abatement program includes projects from some of the following categories: Sanitary Wastewater System - Some installations have sewerage systems which do not meet present day minimum water quality standards. The Clean Water Act of 1972, PL 92-500, requires every "point source" discharger to obtain a permit which specifies the allowable amount and constituents that can be discharged to surface waters. The permit may contain a schedule specifying the dates by which the discharger will achieve compliance. Projects in this category provide improvements to sanitary sewage collection and treatment systems to satisfy the water quality criteria and permit requirements.					

(CONTINUED ON DD 1391C)

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS		
4. PROJECT TITLE POLLUTION ABATEMENT FACILITIES		5. PROJECT NUMBER VARIOUS
11. REQUIREMENT: (CONTINUED) Industrial Wastewater Treatment Facilities - Industrial operations create many unique waste disposal problems. These wastes are more difficult to treat than typical sanitary wastewater. Industrial wastewater effluents contain heavy metals and toxic and corrosive chemicals that are potential stream pollutants, and also have a deleterious effect on municipal sewage treatment systems. Therefore, the Navy must provide pretreatment plants so wastes are treated before being sent to municipal systems for further treatment. Industrial facilities may also discharge wastes, untreated or inadequately treated, into adjacent drainage courses that empty into harbor or navigable waters in violation of discharge permits. Projects in this category provide treatment facilities, and other modifications as required, to meet the discharge permit. Solid Waste Management Facilities - The Navy is fast approaching a crisis because of the lack of solid waste management facilities. These facilities are necessary to minimize the amount of trash, garbage, solid waste, and hazardous waste which must be handled; and to provide for the segregation and management of recyclable materials and their ultimate treatment and disposal in order to protect public health and the environment. Water and Sewer Pipelines Separation - Projects in this category insure compliance with environmental protection agency (EPA) and state regulations for the elimination of potable water contamination because of possible cross-connections of pipelines. Potable Water Treatment or Distribution Systems - Some installations which provide potable (drinking) water may not meet standards set by EPA or the states under the Safe Drinking Water Act (SDWA) of 1974, PL 93-523. Treatment systems must be modified or replaced to produce drinking water which meets the maximum contaminant levels (MCLs) specified by EPA for specific contaminants, including metals and organics. In some cases, distribution systems do not meet the requirements of the SDWA and must be modified or replaced. Oil Spill Prevention - Existing oil and fuel storage and transfer areas do not have the necessary oil spill control structures required to prevent accidental oil discharges from reaching navigable waters. To prevent the possible discharge of oil, in any form, into navigable waters or into the tributaries of such waters, Federal regulations require facilities storing or transferring oil to prepare an Oil Spill Prevention Control and Countermeasures Plan (SPCC Plan) and to fully implement this plan as soon as possible. Steel and concrete fuel storage tanks at the Navy's bulk fuel distribution facilities are now ecologically unsatisfactory because of navigable waters contamination. This was caused when Navy converted ships to the lighter middle distillate diesel fuel which seeps through numerous faults in the walls of tanks. In addition to tanks leaking, the fuel piping systems have deteriorated beyond environmentally safe limits and must be replaced. Hazardous Waste Storage Facilities - Owners and operators of hazardous waste transfer and storage facilities are required by the 1984 amendments to the Resource Conservation and Recovery Act (RCRA) to provide facilities meeting stringent standards. This requires that all hazardous waste be properly containerized, packaged, labelled and, if necessary, stored in approved facilities before final disposal. These facilities may not lawfully begin or continue transfer and storage activities until an effective RCRA permit is received. These projects provide facilities which comply with extensive technical and design standards as mandated by RCRA. (CONTINUED ON DD 1391C)		

1. COMPONENT		2. DATE	
NAVY		FY 1993 MILITARY CONSTRUCTION PROGRAM	
3. INSTALLATION AND LOCATION			
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS			
4. PROJECT TITLE			5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES			VARIOUS
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST (\$000)
<u>INSIDE THE UNITED STATES</u>			
<u>CALIFORNIA</u>			
831.10	P-527	SEWAGE TREATMENT PLANT MODIFICATIONS CAMP PENDLETON CA MCB	19,740
This project provides percolation of sewage treatment plant effluent in areas that ensure compliance with Cease and Desist Orders issued by San Diego Regional Water Quality Control Board for violation in the Margarita and San Onofre Basins of Waste Discharge Requirement Orders No. 87-12 and 87-13, National Pollution Discharge Elimination System (NPDES) Permits No. CA 010 8260 and 010 8278, Waste Discharge Requirements prescribed by the San Diego Regional Water Quality Control Board, 23 January 1989. The existing sewage treatment plants provide secondary treatment of domestic sewage. The effluent is discharged to a stream and percolated to the groundwater basin upstream of the drinking water supply wells. The concentrations of total dissolved solids (TDS), nitrogen, and phosphorous violate the requirements of the NPDES permit. Compliance with the existing permit can only be achieved by extensive and very costly improvements to existing treatment plant facilities. By moving the existing discharges to an area close to the Ocean with controlled percolation, modification to the Basin Plan can be obtained, and a new NPDES permit issued which will be in compliance. It will also remove a possible source of contaminants which could cause violations of the Safe Drinking Water Act Amendments of 1986. Compliance cannot be achieved by modification of existing operations and facilities. Violation of the Cease and Desist Order gives the Executive Officer of the Regional Water Quality Control Board the authority to bring the matter directly to the State Attorney General for enforcement. Also the discharge will continue to increase the TDS concentrations in the groundwater upstream of the drinking water supply wells in the San Onofre and Margarita Basins.			
SUBTOTAL - CALIFORNIA			19,740
<u>GEORGIA</u>			
213.59	P-305	ABRASIVE BLAST FACILITY ALBANY GA MCLB	4,100
There is currently no facility available to satisfy requirements for safety and hazardous waste capture and containment. Approximately half of the blast cleaning and steam cleaning processes and one-third of the paint stripping processes are performed indoors at various work stations. The remaining cleaning operations occur in locations outside. During rainy and cold weather, all cleaning and sandblasting of tracked and engineer equipment must be halted, resulting in approximately 70 to 100 lost days each year. Current operations are scattered throughout various facilities and cannot be consolidated because there is no facility available that will satisfy the requirement for floor space. Adequate safety equipment is presently being used by cleaning personnel, but airborne particles from outside cleaning operations continue to invade nearby locations. This results in additional work to maintain production and quality control, and concentrations of airborne lead above the permissible exposure level, causing a hazardous environment for personnel. This project will satisfy mandated Occupational Safety and Health Act (OSHA) and Environmental Protection Agency (EPA) requirements			

(CONTINUED ON DD 1391C)

1. COMPONENT		2. DATE	
NAVY		FY 1993 MILITARY CONSTRUCTION PROGRAM	
3. INSTALLATION AND LOCATION			
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS			
4. PROJECT TITLE		5. PROJECT NUMBER	
POLLUTION ABATEMENT FACILITIES		VARIOUS	
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST (\$000)
		GEORGIA	
		for safety and hazardous waste capture and containment for blast/steam cleaning, paint stripping and coating processes. It will also provide a controlled working environment that will prevent contamination of other areas from chromates. Without this project, the existing hazards to workers will continue as will reduced productivity and efficiency of surrounding shops.	
		SUBTOTAL - GEORGIA	4,100
		TOTAL - INSIDE THE UNITED STATES	23,840
		TOTAL - POLLUTION ABATEMENT FACILITIES	23,840

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE	
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 0901211N	6. CATEGORY CODE 020.00	7. PROJECT NUMBER P-093	8. PROJECT COST (\$000) 5,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION		LS	-	-	5,000
TOTAL REQUEST		-	-	-	5,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION Unspecified minor construction projects within the concepts of Title 10 USC 2805 not otherwise authorized by law (except family housing) having an approved cost of \$1,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities.					
11. REQUIREMENT: <u>VARIES</u> . Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of \$1,000,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted.					

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS			4. PROJECT TITLE MAJOR REPAIR CONSTRUCTION	
5. PROGRAM ELEMENT 0901211N	6. CATEGORY CODE 020.00	7. PROJECT NUMBER P-093	8. PROJECT COST (\$000) 435.400	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
MAJOR REPAIR CONSTRUCTION.	LS	-	-	435,400
TOTAL REQUEST	-	-	-	435,400
10. DESCRIPTION OF PROPOSED CONSTRUCTION Finances major repair projects costing a minimum of \$15,000.00 which extend the useful life of real property facilities, and major restoration or replacement projects to damaged, destroyed, deteriorated, or aged real property in order to restore the property to such condition that it may be effectively used for its designated mission purpose.				
11. REQUIREMENT: <u>AS REQUIRED</u> <u>PROJECT:</u> Individual projects are of an investment nature and may include roof replacements; repavement of runways; and repair or replacement of major operating systems such as electrical, heating, or air conditioning systems. Finances work completed through either in-house or contractual efforts. Planning and design costs associated with major repair projects may be funded from this subactivity. <u>IMPACT IF NOT PROVIDED:</u> Historical data on the Navy's real property repair requirements supports this funding level. Any reduction in this request will result in an additional backlog of requirements affecting the Navy's ability to provide safe, adequate, and modern facilities to support missions.				
12. SUPPLEMENTAL DATA: (Not Applicable) A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: (A) DATE DESIGN STARTED. _____ (B) PERCENT COMPLETE AS OF JANUARY 1992. _____ 0 (C) DATE DESIGN 35% COMPLETE _____ (D) DATE DESIGN COMPLETE _____				
(CONTINUED ON DD 1391C)				

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS		
4. PROJECT TITLE MAJOR REPAIR CONSTRUCTION	5. PROJECT NUMBER P-093	
12. SUPPLEMENTAL DATA: (CONTINUED)		
(2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____		
(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) (A) PRODUCTION OF PLANS AND SPECIFICATIONS (<u> 0 </u>) (B) ALL OTHER DESIGN COSTS (<u> 0 </u>) (C) TOTAL (<u> 0 </u>) (D) CONTRACT (<u> 0 </u>) (E) IN-HOUSE (<u> 0 </u>)		
(4) CONSTRUCTION START. (MONTH AND YEAR)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE	
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS			4. PROJECT TITLE MINOR CONSTRUCTION		
5. PROGRAM ELEMENT 0901211N	6. CATEGORY CODE 020.00	7. PROJECT NUMBER P-293	8. PROJECT COST (\$000) 137,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
MINOR CONSTRUCTION		LS	-	-	137,000
TOTAL REQUEST		-	-	-	137,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION Finances construction projects and the construction portion of repair projects where the total or proportionate construction cost is less than \$200,000.00.					
11. REQUIREMENT: <u>AS REQUIRED</u> PROJECT: Projects may include erection, installation, or assembly of a new real property facility; additions, extensions, expansions, alterations, conversions, or replacement of an existing real property facility or a portion of a real property facility. Finances work completed through either in-house or contractual efforts. Such work supports new or expanded missions, force structure realignments, or other requirements which necessitate changes to real property facilities in support of the mission. Planning and design costs associated with minor construction projects may be funded from this subactivity. <u>IMPACT IF NOT PROVIDED:</u> Historical data on the Navy's minor construction requirements supports this funding level. Any reduction in this request will result in an additional backlog of requirements affecting the Navy's ability to provide safe, adequate, and modern facilities to support missions.					
12. SUPPLEMENTAL DATA: (Not Applicable) A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: (A) DATE DESIGN STARTED. (B) PERCENT COMPLETE AS OF JANUARY 1992. (C) DATE DESIGN 35% COMPLETE					

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS		
4. PROJECT TITLE MINOR CONSTRUCTION		5. PROJECT NUMBER P-293
12. SUPPLEMENTAL DATA: (CONTINUED) (D) DATE DESIGN COMPLETE _____ (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) (A) PRODUCTION OF PLANS AND SPECIFICATIONS (0) (B) ALL OTHER DESIGN COSTS (0) (C) TOTAL (0) (D) CONTRACT (0) (E) IN-HOUSE (0) (4) CONSTRUCTION START. (MONTH AND YEAR)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE		

REPRODUCED AT GOVERNMENT EXPENSE

1. COMPONENT NAVY		FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE	
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS				4. PROJECT TITLE A & E SERVICES AND CONSTRUCTION DESIGN		
5. PROGRAM ELEMENT 0901211N		6. CATEGORY CODE 010.00	7. PROJECT NUMBER VARIOUS		8. PROJECT COST (\$000) 79,900	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
A & E SERVICES AND CONSTRUCTION DESIGN				LS	-	- 79,900
TOTAL REQUEST.				-	-	79,900
10. DESCRIPTION OF PROPOSED CONSTRUCTION Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundations exploration, will be undertaken as necessary.						
11. REQUIREMENT: <u>VARIES.</u> All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. Costs for architectural and engineering services and construction design are not included in the construction project cost estimates.						

REPRODUCED AT GOVERNMENT EXPENSE

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE	
3. NAVY	INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS		4. PROJECT TITLE PROJECTS \$1 MILLION AND UNDER		
5. PROGRAM ELEMENT VARIES	6. CATEGORY CODE VARIOUS	7. PROJECT NUMBER VARIOUS	8. PROJECT COST (\$000) 500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PROJECTS \$1 MILLION AND UNDER.		LS	-	-	500
TOTAL REQUEST.		-	-	-	500
10. DESCRIPTION OF PROPOSED CONSTRUCTION Specified construction projects (except family housing) having a funded cost of \$1,000,000 or less (see individual project descriptions.)					
11. REQUIREMENT: <u>VARIES</u> . Projects are specifically identified on subsequent sheets.					
12. SUPPLEMENTAL DATA: A. ESTIMATED DESIGN STATUS: PROJECT DESIGNS CONFORM TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE".					
(CONTINUED ON DD 1391C)					

1. COMPONENT		2. DATE	
NAVY		FY 1993 MILITARY CONSTRUCTION PROGRAM	
3. INSTALLATION AND LOCATION			
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS			
4. PROJECT TITLE		5. PROJECT NUMBER	
PROJECTS \$1 MILLION AND UNDER		VARIOUS	
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST (\$000)
<u>INSIDE THE UNITED STATES</u>			
<u>VIRGINIA</u>			
165.10	P-030	DREDGING NORFOLK VA NS	500
The first two new AOE-6 class fast combat support ships to be introduced into the Atlantic Fleet will need an interim homeport, pending completion of environmental documentation and requisite construction at the selected homeport sites. Norfolk has been designated as the interim homeport for the two ships. The first new AOE-6 class ship will be delivered in Fiscal Year 1992. The new class has a greater electrical shore power requirement than the older ships. In order to berth the new AOE-6 class ships fully loaded at a pier that has adequate electrical power, some dredging alongside the pier is required.			
SUBTOTAL - VIRGINIA			500
TOTAL - INSIDE THE UNITED STATES			500
GRAND TOTAL - PROJECTS \$1 MILLION AND UNDER			500

DEPARTMENT OF NAVY
MILITARY FAMILY HOUSING
FISCAL YEAR 1993 INDEX

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DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1993 BUDGET ESTIMATE
AUTHORIZATION FOR APPROPRIATION REQUESTED
(\$000)

<u>FUNDING PROGRAM</u>	<u>FY 1993</u>
Construction of New Housing	0
Construction Improvements	2,000
A & E Services and Construction Design	<u>6,200</u>
<u>Appropriation Request, Family Housing Construction</u>	8,200
 <u>Operations and Maintenance</u>	 675,810
Operating Expenses	136,573
Utilities	205,037
Maintenance	334,200
 <u>Leasing</u>	 108,800
Domestic	66,057
Foreign	42,743
 <u>Debt Payment</u>	
Principal	0 90
Interest and Other Expense	0
Servicemen's Mortgage Insurance Premiums for Existing Coverage	90
 <u>Appropriation Request, Family Housing Support</u>	 784,700
 Total Family Housing, Navy Appropriation Request	 792,900
 Reimbursable Authority Requirements	 <u>10,065</u>
 Total Family Housing, Department of Navy Program	 802,965

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1993 BUDGET SUMMARY
PROGRAM SUMMARY**

(In Thousands)

FY 1993 Program \$802,965
FY 1992 Program \$889,628

Purpose and Scope

This program provides for the support of military family housing functions within the Department of the Navy.

Program Summary

Authorization is requested for:

- (1) The performance of certain construction summarized hereafter; and
- (2) The appropriation of \$802,965,000
 - (a) to fund this construction; and
 - (b) to fund partially certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 1993 follows (\$000):

<u>Program</u>	<u>Navy</u>	<u>Marine Corps</u>	<u>DON Total</u>
<u>Construction</u>			
Appropriation Request	7,500	700	8,200
Reimbursements	--	--	--
Total Program	7,500	700	8,200
<u>Operations, Utilities, Maintenance and Leasing</u>			
Appropriation Request	672,247	112,363	784,610
Reimbursements	8,265	1,800	10,065
Total Program	680,512	114,163	794,675
<u>Debt Payment</u>			
Appropriation Request	88	2	90
Reimbursements	--	--	--
Total Program	88	2	90
<u>Total</u>			
Appropriation Request	679,835	113,065	792,900
Reimbursements	8,265	1,800	10,065
Total Program	688,100	114,865	802,965

Family Housing, Navy and Marine Corps
Fiscal Year 1993

For expenses of family housing for the Navy and Marine Corps for construction, including acquisition, replacement, addition, expansion, extension and alteration and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction, [\$174,917,000] \$169,200,000; for Operation and Maintenance, and for Debt Payment, [\$691,101,000] \$710,700,000; in all [\$866,018,000] \$879,900,000: Provided, that the amount provided for construction shall remain available until September 30, [1995] 1996.

Further, for the foregoing expenses, as follows: for Construction, \$8,200,000; for Operation and Maintenance, and for Debt Payment, \$784,700,000; in all \$792,900,000: Provided, that the amount provided for construction shall remain available until September 30, 1997. (10 U.S.C. 2824, 2827-29, 2831, 2851-54, 2857; Military Construction Appropriations Act, 1991; additional authorizing legislation to be proposed.)

Family Housing Construction, Navy and Marine Corps
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	17-7030-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programmed)			
		1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
01.C101	Construction of new housing	96,503	126,297	107,562	2,000
01.0201	Post-Acquisition Construction	31,036	42,420	55,438	6,200
01.0301	Planning and design	3,100	6,200	6,200	
01.9101	Total direct program	130,639	174,917	169,200	8,200
03.0101	Reimbursable Program	19,200	4,000		
10.0001	Total	149,839	178,917	169,200	8,200
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-19,200	-4,000		
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans				
21.4003	Available to finance new budget plans		-11,037		
21.4009	Reprogramming from/to prior year budget plans	-1,334			
22.4001	Unobligated balance transferred to other accounts	75			
22.4001	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	11,037			
24.4003	Available to finance subsequent year budget plans	934			
25.0001	Unobligated balance lapsing				
39.0001	Budget authority	141,351	163,880	169,200	8,200
Budget authority:					
40.0001	Appropriation	174,621	174,917	169,200	8,200
40.3601	Appropriation rescinded (unob bal)		-11,037		
41.0001	Transferred to other accounts (-)	-33,270			
43.0001	Appropriation (adjusted)	141,351	163,880	169,200	8,200
Relation of obligations to outlays:					
71.0001	Obligations incurred, net				
72.4001	Obligated balance, start of year				
73.0001	Obligated balance transferred, net				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
90.0001	Outlays				

Family Housing Construction, Navy and Marine Corps
Program and Financing (In Thousands of dollars) SUMMARY

Obligations

Identification code	17-7030-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
01.0101	Construction of new housing	73,897	89,168	142,559	93,277
01.0201	Post-Acquisition Construction	47,236	33,407	49,468	20,194
01.0301	Planning and design	5,196	6,295	6,339	4,181
01.9101	Total direct program	126,329	128,870	198,366	117,652
03.0101	Reimbursable Program	2,772	20,428		
10.0001	Total	129,101	149,298	198,366	117,652
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-19,200	-4,000		
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans	-144,366	-163,770	-193,389	-164,223
21.4009	Available to finance new budget plans		-11,037		
22.4001	Reprogramming from/to prior year budget plans	75			
22.4002	Unobligated balance transferred to other accounts				
24.4002	Unobligated balance available, end of year:				
24.4003	For completion of prior year budget plans	163,770	193,389	164,223	54,771
25.0001	Available to finance subsequent year budget plans	11,037			
	Unobligated balance lapsing	934			
39.0001	Budget authority	141,351	163,880	169,200	8,200
Budget authority:					
40.0001	Appropriation	174,621	174,917	169,200	8,200
40.3601	Appropriation rescinded (unob bal)		-11,037		
41.0001	Transferred to other accounts (-)	-33,270			
43.0001	Appropriation (adjusted)	141,351	163,880	169,200	8,200
Relation of obligations to outlays:					
71.0001	Obligations incurred, net	109,901	145,298	198,366	117,652
72.4001	Obligated balance, start of year	272,099	190,258	150,565	171,084
73.0001	Obligated balance transferred, net	-62			
74.4001	Obligated balance, end of year	-190,258	-150,565	-171,084	-120,021
77.0001	Adjustments in expired accounts (net)	-1,201			
90.0001	Outlays	190,478	184,991	177,847	168,715

Family Housing Construction, Navy and Marine Corps
Object Classification (in Thousands of dollars) SUMMARY

Identification code	17-7030-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Direct obligations:					
Other services:					
125.003	Contracts	5,344	8,334	7,901	8,171
125.004	Other	1,592	2,489	2,360	2,441
132.001	Land and structures	119,393	118,047	188,105	107,040
199.001	Total Direct obligations	126,329	128,870	198,366	117,652
Reimbursable obligations:					
Other services:					
225.004	Other	2,772	20,428		
232.001	Land and structures				
299.001	Total Reimbursable obligations	2,772	20,428		
999.901	Total obligations	129,101	149,298	198,366	117,652

Family Housing Operations and Debt, Navy and Marine
Program and Financing (in thousands of dollars)

Identification code	17-7035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
02.0101	Operating expenses	279,557	294,345	323,876	341,610
02.0201	Leasing	34,378	43,775	63,900	87,800
02.0301	Maintenance of real property	331,134	352,883	320,834	355,200
02.0501	Mortgage insurance premiums	104	98	90	90
02.9101	Total direct program	645,173	691,101	710,700	784,700
03.0101	Reimbursable Program	10,559	12,100	9,728	10,065
10.0001	Total obligations	655,732	703,201	720,428	794,765
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-9,126	-12,100	-9,728	-10,065
14.0001	Non-Federal sources(-)	-1,433			
22.4001	Unobligated balance transferred to other accounts	-150			
25.0001	Unobligated balance lapsing	6,047			
39.0001	Budget authority	651,070	691,101	710,700	784,700
Budget authority:					
40.0001	Appropriation	623,700	691,101	710,700	784,700
42.0001	Transferred from other accounts	27,370			
43.0001	Appropriation (adjusted)	651,070	691,101	710,700	784,700
Relation of obligations to outlays:					
71.0001	Obligations incurred, net	645,173	691,101	710,700	784,700
72.4001	Obligated balance, start of year	325,834	359,207	397,299	418,646
73.0001	Obligated balance transferred, net	62			
74.4001	Obligated balance, end of year	-359,207	-397,299	-418,646	-456,661
77.0001	Adjustments in expired accounts (net)	1,243			
90.0001	Outlays	613,106	653,009	689,353	746,685

Family Housing Operations and Debt, Navy and Marine
Object Classification (in Thousands of dollars)

Identification code	17-7035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Direct obligations:					
121.001	Travel and transportation of persons	1,626	2,620	2,843	3,100
123.301	Communications, utilities, and miscellaneous charges	172,980	185,610	197,018	205,212
Other services:					
125.002	Purchases from industrial funds	85,808	92,639	135,806	142,697
125.003	Contracts	191,649	314,134	289,042	309,459
125.004	Other	178,525	75,402	63,263	99,614
131.001	Equipment	14,481	20,598	22,638	24,531
143.001	Interest and dividends	104	98	90	87
199.001	Total Direct obligations	645,173	691,101	710,700	784,700
Reimbursable obligations:					
223.301	Communications, utilities, and miscellaneous charges	401	2,421	2,511	2,599
Other services:					
225.004	Other	9,410	8,714	6,441	6,663
231.001	Equipment	748	965	776	803
299.001	Total Reimbursable obligations	10,559	12,100	9,728	10,065
999.901	Total obligations	655,732	703,201	720,428	794,765

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1993 BUDGET ESTIMATE
CONSTRUCTION OF NEW HOUSING

(In Thousands)

FY 1993 Program \$0
FY 1992 Program \$107,562

Purpose and Scope

This program provides for land acquisition, site preparation, acquisition and construction, and initial outfitting with fixtures and integral equipment of new family housing units and associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community and recreational facilities.

Program Summary

Authorization is requested for:

(1) The FY 1993 Departmental request reflects a construction pause pending the completion of the study of the realignment and consolidation of the Department of the Navy's shore establishment required by the Defense Base Closure and Realignment Act of 1990. The construction pause provides both the Executive Branch and the Congress with the expanded planning and programming cycle needed to fully integrate capital investments with force structure changes. It explicitly recognizes the major budget constraints under which the Department must operate.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1993 BUDGET ESTIMATE
CONSTRUCTION IMPROVEMENTS

(In Thousands)

FY 1993 Program \$ 2,000
FY 1992 Program \$55,438

Purpose and Scope

This program provides for alterations, additions, expansions, or extensions to existing public quarters which will materially increase the useful life and livability of the units improved at a minimum of capital investment; includes energy conservation investments which meet energy savings criteria.

Program Summary

Authorization is requested for:

- (1) Various improvements to existing family housing; and
- (2) Appropriation of \$2,000,000 to fund these improvements.

(3) The FY 1993 Departmental Improvements request has been limited primarily to wholehouse improvement projects that would be uneconomical to delay. Constraints on available resources and projected budget reductions over the Future Years Defense Program make it essential that these long-term capital investments are only approved for missions and at installations that will remain in the DoD infrastructure for the foreseeable future.

1. COMPONENT NAVY		FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE UNITED STATES				4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		
5. PROGRAM ELEMENT		6. CATEGORY CODE 711	7. PROJECT NUMBER VARIES		8. PROJECT COST (\$000) \$ 2,000	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
FAMILY HOUSING - ALTERATIONS, ADDITIONS AND REHABILITATIONS			L/S	--	--	2,000
TOTAL REQUEST						2,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION Alterations and modernization of kitchens and baths; provision of storage areas, fire rated wall and ceiling assemblies; provision of sidewalks, speed bumps, concrete pads, security fencing and play areas; provision of additional electrical circuits and lighting; provision of attic insulation, water pipe covering, vinyl flooring, and exterior exhaust ducts.						
11. <u>REQUIREMENT</u> : The improvements will provide safe and decent living conditions for housing occupants, are considered significant in personnel retention and are consistent with good property management techniques.						
<u>IMPACT IF NOT PROVIDED</u> : Units and supporting systems will continue to be used "as is" with increasing obsolescence and unnecessary high energy use.						

1. COMPONENT NAVY	FY 19 <u>93</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE																						
3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES																								
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER																						
(\$000) <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;"><u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u></td> <td style="width: 40%;"><u>CURRENT WORKING ESTIMATE</u></td> </tr> <tr> <td colspan="2" style="text-align: center;"><u>INSIDE THE UNITED STATES</u></td> </tr> <tr> <td colspan="2"> <u>CALIFORNIA</u></td> </tr> <tr> <td>NAS Lemoore</td> <td style="text-align: right;">578.4</td> </tr> <tr> <td colspan="2">Improvements to 1300 officer and enlisted units. Provides for exterior patio lights.</td> </tr> <tr> <td colspan="2"> <u>PENNSYLVANIA</u></td> </tr> <tr> <td>NADC Warminster</td> <td style="text-align: right;">1,054.0</td> </tr> <tr> <td colspan="2">Improvements to 101 enlisted units. Provides for vinyl floor in utility rooms, fire rated wall and ceiling assemblies in storage closets, additional kitchen wall cabinets, countertops, soffits, powder room vanities, attic insulation, shelves in fourth bedroom storage areas, storage closet in garages, ceiling fans, spark ignition covers and humidifiers, bird/insect screens for exterior exhaust ducts, covering for exposed water pipes, doorbells, additional electrical circuits, kitchen small appliance circuits, additional receptacles, tot lots, privacy fencing, and enlarge bulk storage areas. Concurrent repairs of \$4,233.6K. (See separate DD Form 1391)</td> </tr> <tr> <td colspan="2"> <u>VIRGINIA</u></td> </tr> <tr> <td>NNSY PORTSMOUTH VA</td> <td style="text-align: right;">367.6</td> </tr> <tr> <td colspan="2">Site improvements to 247 enlisted units. Provides for sidewalks, speed bumps, concrete pads, wheel stops, and security fencing. Concurrent repairs of \$154.0K.</td> </tr> </table>			<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>	<u>CURRENT WORKING ESTIMATE</u>	<u>INSIDE THE UNITED STATES</u>		 <u>CALIFORNIA</u>		NAS Lemoore	578.4	Improvements to 1300 officer and enlisted units. Provides for exterior patio lights.		 <u>PENNSYLVANIA</u>		NADC Warminster	1,054.0	Improvements to 101 enlisted units. Provides for vinyl floor in utility rooms, fire rated wall and ceiling assemblies in storage closets, additional kitchen wall cabinets, countertops, soffits, powder room vanities, attic insulation, shelves in fourth bedroom storage areas, storage closet in garages, ceiling fans, spark ignition covers and humidifiers, bird/insect screens for exterior exhaust ducts, covering for exposed water pipes, doorbells, additional electrical circuits, kitchen small appliance circuits, additional receptacles, tot lots, privacy fencing, and enlarge bulk storage areas. Concurrent repairs of \$4,233.6K. (See separate DD Form 1391)		 <u>VIRGINIA</u>		NNSY PORTSMOUTH VA	367.6	Site improvements to 247 enlisted units. Provides for sidewalks, speed bumps, concrete pads, wheel stops, and security fencing. Concurrent repairs of \$154.0K.	
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1. COMPONENT NAVY		FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
3. INSTALLATION AND LOCATION NADC WARMINSTER, PA			4. PROJECT TITLE WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 101 ENLISTED UNITS		
5. PROGRAM ELEMENT IMPROVEMENTS	6. CATEGORY CODE 711	7. PROJECT NUMBER HC/R-2-88R	8. PROJECT COST (\$000) \$ 5,287.6		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
FAMILY HOUSING IMPROVEMENTS		EA	101	10.4	1,054.0
CONCURRENT REPAIRS AND MAINTENANCE		EA	101	41.9	4,233.6
		EA	101	52.3	5,287.6
TOTAL REQUEST					5,287.6
Area Cost Factor = 1.11					
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
This project encompasses wholehouse/site improvements and repairs to 101 enlisted units at Shenandoah Woods. Improvements: provide vinyl floor in utility rooms; one hour fire rated wall and ceiling assemblies in bulk storage closet; additional kitchen wall cabinets, countertops, new partition, new soffit, powder room vanity, covered water pipes, 6" attic insulation, enlarged bulk storage, shelves in 4 bedroom storage area, storage closet in garages, garage doors, new plywood fire-rated access panel, new curtain rod nailers, ceiling fans, spark ignition cover & humidifier, bird/insect screens for exterior exhaust duct, cover exposed water pipes, doorbells, additional electrical circuits, small appliance circuit for kitchen, additional receptacle for laundry room, 3-way switch, new concrete pad at utility room exit, insulation for exposed ducts; trees between the sidewalks and curbs, playground tot lots and equipment, privacy fencing in rear yards, 4 inch PVC drainage pipe. Repairs: replace storm doors, exterior doors, door hardware, exterior thresholds; replace over-head garage door frames, replace exterior frames; replace closet doors, magnetic door hardware, bulk storage door and hardware; replace and reverse swing of powder room door, door hardware, sliding doors, interior hollow core wood doors and hardware, door frames and trims, marble thresholds, linen and bulk storage closet doors and hardware; repair or replace bedroom closet doors, magnetic hardware, door knobs, and door stops; replace foyer and living room wood floors and wood baseboards, vinyl floor tiles, base and perimeter joints in kitchen,					

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NADC WARMINSTER, PA		
4. PROJECT TITLE IMPROVEMENTS		5. PROJECT NUMBER
dining room and powder rooms; repair concrete slab in utility room and garage; replace and level bedroom wood floor and wood baseboards; replace sheet vinyl floor and baseboards in bathrooms; remove wallpaper and finish wall in powder rooms, masterbaths and bathrooms; repair masonry walls and joints in utility room and garage; replace kitchen countertops, base and wall cabinets; replace bathroom countertops and sink base cabinets; replace double hung windows and sliding aluminum windows; repair stairs and replace railing and balusters; repair/seal holes in attic firewall; repair door frames and stress cracks; replace garage concrete aprons, refinish steel support in garage; provide support for bedroom closet shelves, replace medicine cabinets in bathrooms and powder rooms; replace roof shingles, roof flashing, soffits and fasteners; replace cracked bricks and clean brick veneer; repair foundation wall, membrane and cement parging, repair expansion joints, concrete pads; provide splash blocks, replace porch column; provide lock on damper, replace and adjust HVAC grilles and provide grille fasteners, provide volume dampers, high efficiency heaters, secure cold water supply; provide new lavatories; tighten electrical service cable; provide ground rods, bonding to cold water pipes, main circuit breaker; replace exterior light fixtures, provide light fixtures in pantry closet; replace light with enclosed fixtures in bulk storage, laundry room, and garage; repair grounding connections; replace hallway light fixtures; provide grounding connections for outlets and switches; repair eroded swale ditch lines; replace park benches; regrade front and side yards; and repave driveways.		
11. <u>REQUIREMENT:</u> <u>REQUIREMENT/CURRENT SITUATION:</u> No finished flooring in the utility room, kitchens are poorly laid out, lack adequate storage space, bath powder room lacks sufficient storage space and water pipe is exposed on outside wall, three and four bedroom units have inadequate interior storage areas and these areas lack shelving, which limits the amount of storage items the occupant can safely store. Occupants are using the garage areas for bulk storage. No cover on heater spark ignition. Heater lacks a humidifier, which makes the air very dry. Units need ceiling fans. The hot air stratifies in stairway ceiling. Units have no doorbells. Insects and small birds enter unit through kitchen exhaust duct. Kitchen and laundry areas do not have sufficient number of convenience outlets and lack a dedicated circuit for the modern home appliances, and need 3-way light switch. There is no insulation on ductwork and electrical outlets, thus allowing unnecessary heat loss or cold air to enter. Concrete slabs are hard to keep clean. No trees along sidewalks make the site aesthetically uncomplimentary. Existing tot lots and playground equipment are deteriorated. Rear yard privacy fencing is deteriorated and non-uniform. Field holds standing water, resulting in mosquito and insect		

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NADC WARMINSTER, PA		
4. PROJECT TITLE IMPROVEMENTS		5. PROJECT NUMBER
nesting; therefore cannot be used for recreation purposes. Front and rear entrance door and rear utility room door are of poor quality construction, are poor thermal barriers, hard finish is delaminating, and have frames and thresholds that are gouged and worn. Some interior doors are sagging and are hard to close. The tracks and hardware for closet doors are damaged, and do not fit properly. Kitchen wall and base cabinets are of poor quality construction. The finish is marred, and hardware for drawers and doors do not work properly. Countertops have lifted at the edges and are bubbled. Interior flooring and baseboard have deteriorated due to age and water damage from routine cleaning. Flooring in kitchen and dining areas, and sub-flooring on 2nd floor are not anchored to the main floor, causing excessive deflection. Bathroom sinks and vanities are chipped, marred. Vanities are water damaged, and door is warped. Interior finish in bathrooms is delaminating and nail pops are in ceiling areas, medicine cabinets are rusting and tattered. Sliding patio doors and slider window in the second floor bedrooms are difficult to open, and the hardware is deteriorated. The window pane is single glazed with no thermal break. Powder room access panelboard does not have adequate fire rating. Three-way switch in hallway is not grounded. Electrical panelbox has no main power disconnect switch. Light fixtures are not grounded and are antiquated (proper grounding is required by the National Electrical Code). Garage door frame is warped and rotten, and does not provide weather tight seal. Asphalt roof shingles are worn, buckled and are lifting up. Gable end of roof drip edge is missing. Water has deteriorated facias and soffits. Attic insulation is inadequate (only 3 1/2 inches of blown in loose type). Gas fired furnaces are inefficient, waste energy and are approximately 20 years old. Interior stair treads are split, deflecting and squeaky, stair railing does not comply with safety standards. Balusters are spaced at 8 1/4", exceed the 6" maximum allowable spacing. Roof party walls have holes, gaps and spaces in the attic. Garage apron is cracked, spalled, and heaved. HVAC duct access door to the fire damper in garage is open, causing the system to be unbalanced. Supply and return air grills are rusted and deteriorated, and flange fasteners are not adequately secured to walls needing new frame and mounting brackets. Cement parget on foundation walls is spalling, cracked or missing. Swale is eroding the rear yards of units 503 and 595. Park benches have deteriorated surfaces and seats are missing. Front and side yards have drainage problem. Paved driveways are cracked, spalled and deteriorated. <u>IMPACT IF NOT PROVIDED:</u> Deterioration of household items will continue at an increasing rate and will be a source of discontent with the occupants. Electrical code violations will continue and occupants could be subjected to electrical shock in the kitchen/laundry area. Rooms will remain cluttered due to lack of proper storage space and garages will be used as		

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NADC WARMINSTER, PA			
4. PROJECT TITLE IMPROVEMENTS		5. PROJECT NUMBER	
a storage area. Utility bills will remain high and energy will continue to be wasted. Kitchen area will continue to be an unpleasant area for food preparation due to substandard space. The proposed repairs and improvements will increase the quality of life for the occupants and will extend the useful life of the 101 enlisted units.			

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1993 BUDGET ESTIMATE
ARCHITECTURAL AND ENGINEERING SERVICES
AND CONSTRUCTION DESIGN

(In Thousands)

FY 1993 Program \$ 6,200

FY 1992 Program \$ 6,200

Purpose and Scope

This program provides for working drawings, specifications and estimates, project planning reports and final design drawings of family housing construction projects authorized or not yet authorized. This includes the use of architectural and engineering services in connection with any family housing new or construction improvements.

Program Summary

The amount requested, together with prior year savings, will enable full execution of the construction program. Authorization is requested for appropriation of \$6,200,000 to fund new construction and improvement design requirements.

Exhibit FH-6



1. COMPONENT NAVY		FY 19 <u>93</u> MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE UNITED STATES			4. PROJECT TITLE ARCHITECTURAL AND ENGINEERING SERVICES AND CONSTRUCTION DESIGN			
5. PROGRAM ELEMENT VARIES	6. CATEGORY CODE VARIES	7. PROJECT NUMBER VARIES	8. PROJECT COST (\$000) \$6,200			
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
A&E SERVICES & CONSTRUCTION DESIGN			--	--	6,200	
NEW CONSTRUCTION		L/S	--	--	(930)	
IMPROVEMENTS		L/S	--	--	(5,270)	
TOTAL REQUEST					6,200	
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
Funds to be utilized under 10 USC 2807 for architectural and engineering services and construction design in connection with military family housing new construction and construction improvement projects. Evaluation of turnkey design and engineering investigations, such as field surveys and foundation explorations, will be undertaken as necessary.						
11. <u>REQUIREMENT</u> : VARIES						
All projects in a military family housing construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. Costs for architectural and engineering services, turnkey evaluation, and construction design are not included in the construction project cost estimates.						
<u>IMPACT IF NOT PROVIDED</u>: FY 1993, 1994 and FY 1995 project execution schedules cannot be met.						

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1993 BUDGET ESTIMATE
OPERATION AND MAINTENANCE

(\$000)

FY 1993 Program 685,875
FY 1992 Program 647,438

Purpose and Scope

a. Operation. This portion of the program provides for expenses in the following sub-accounts:

Management. Includes direct and indirect expenses incident to the administration of the family housing program such as housing office personnel and operations, administrative support, training, travel, programming and studies, and community liaison. All housing referral costs are also included, although the housing referral program assists personnel in locating housing in the private community, and is not related to the operation or management of military family housing units.

Services. Includes direct and indirect expenses incident to providing basic support services such as refuse collection and disposal, fire and police protection, pest control, custodial services for common areas, snow removal, and street cleaning.

Furnishings. Includes the procurement for initial issue or replacement of household equipment (primarily stoves and refrigerators) and, in limited circumstances, furniture; the control, moving and handling of furnishings inventories; and the maintenance and repair of such items.

Miscellaneous. Includes work or services performed for the benefit of family housing occupants, including mobile home hook-ups and disconnections, for which reimbursement will be received; payments to the U. S. Coast Guard for Navy occupancy of Coast Guard housing; and United Kingdom accommodation charges.

b. Utilities. Includes all utility services provided to family housing, such as electricity, gas, fuel oil, water and sewage. Excludes telephone services.

c. Maintenance. This portion of the program supports the upkeep of family housing real property, as follows:

Maintenance/Repair of Dwelling. Includes service calls, change of occupancy rehabilitation, routine maintenance, preventative maintenance, interior and exterior painting, and major repairs.

Other Real Property. Includes maintenance, repair and replacement of electrical, gas, water, sewage and other utility distribution systems located within family housing areas, and the portion of activity utility rates attributable to distribution system maintenance when separately identified. Also includes maintenance and repair of any other family housing real property, such as grounds, surfaced areas and family housing community facilities.

Alterations and Additions. Includes minor incidental improvements to dwellings or other real property performed under the authority of 10 USC 2805. Larger scope or higher dollar value items are funded in the construction program.

Program Summary

Authorization is requested for an appropriation of \$675,810,000. This amount, together with estimated reimbursements of \$10,065,000 will fund the Fiscal Year 1993 program of \$685,875,000.

A summary of the funding program for Fiscal Year 1993 follows (in thousands):

	<u>Appropriation Request</u>				<u>Reimburse-</u>	<u>Total</u>
	<u>Operations</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total</u>	<u>ments</u>	<u>Program</u>
Navy	\$117,018	168,943	279,958	565,919	8,265	574,184
Marine Corps	\$ 19,555	36,094	54,242	109,891	1,800	111,691
Total DON	\$136,573	205,037	334,200	675,810	10,065	685,875

JUSTIFICATION:

The Department of Navy family housing budget requests the minimum essential resources needed to provide military families with adequate housing either through the private community or in government quarters. Navy and Marine Corps installations are generally located in the high cost, coastal areas. Accordingly, the overinflated cost of adequate housing in these areas causes many of our military families to reside in facilities that lack even the minimal amenities expected in a home. Therefore, increased emphasis is being placed on the proper funding of the family housing Operations and Maintenance program.

The Fiscal Year 1993 estimated program was formulated utilizing the Office of Management and Budget's published inflationary factors and foreign currency exchange rates.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1993 BUDGET ESTIMATE
OPERATION AND MAINTENANCE
NAVY AND MARINE CORPS**

(Excludes Leased Units and Costs)

	FY 1991 Estimate		FY 1992 Estimate		FY 1993 Estimate	
A. Workload Data						
1. Inventory Data						
Average Inventory for Year Requiring O&M Funding						
a. Conterminous U.S.	78,650		80,495		81,531	
b. U.S. Overseas	5,263		5,263		5,263	
c. Foreign	10,166		10,981		11,196	
d. Worldwide	94,079		96,739		97,990	
	FY 1991 Estimate		FY 1992 Estimate		FY 1993 Estimate	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
B. Funding Requirement						
1. Operations						
a. Management	56,118	596	65,147	673	70,943	724
b. Services	37,140	395	39,106	404	40,796	416
c. Furnishings	21,552	229	23,705	245	23,766	243
d. Miscellaneous	900	10	990	10	1,068	11
Subtotal - Operations	115,710	1,230	128,948	1,333	136,573	1,394
2. Utilities	185,610	1,973	196,928	2,036	205,037	2,092
3. Maintenance						
a. Maintenance & Repair of Dwellings	307,745	3,271	277,915	2,873	299,133	3,053
b. Maintenance & Repair of Other Real Property	25,555	272	24,406	252	25,225	257
c. Alterations and Additions	9,908	105	9,513	98	9,842	100
Subtotal - Maintenance	343,208	3,648	311,834	3,223	334,200	3,411
4. Total, O&M Expenses (TOA)	644,528	4,025	637,710	6,592	675,810	6,897
5. Appropriation	644,528	6,851	637,710	6,592	675,810	6,897
6. Reimbursements	9,378	100	9,728	101	10,065	103
7. Total Program	653,906	6,951	647,438	6,693	685,875	6,999

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1993 BUDGET ESTIMATE
OPERATION AND MAINTENANCE
NAVY**

(Excludes Leased Units and Costs)

	FY 1991 Estimate		FY 1992 Estimate		FY 1993 Estimate	
A. Workload Data						
1. Inventory Data						
Average Inventory for Year Requiring O&M Funding						
a. Conterminous U.S.	56,793		58,040		58,725	
b. U.S. Overseas	5,263		5,263		5,263	
c. Foreign	9,707		10,507		10,722	
d. Worldwide	71,763		73,810		74,710	
	FY 1991		FY 1992		FY 1993	
	Estimate		Estimate		Estimate	
	Total	Unit	Total	Unit	Total	Unit
	(\$000)	Cost	(\$000)	Cost	(\$000)	Cost
B. Funding Requirement						
1. Operations						
a. Management	47,184	657	55,707	755	61,232	820
b. Services	29,796	415	31,789	431	33,259	445
c. Furnishings	19,250	268	21,398	290	21,459	287
d. Miscellaneous	900	13	990	13	1,068	14
Subtotal - Operations	97,130	1,353	109,884	1,489	117,018	1,566
2. Utilities	150,449	2,096	160,966	2,181	168,943	2,261
3. Maintenance						
a. Maintenance & Repair of Dwellings	248,492	3,463	227,095	3,077	246,346	3,297
b. Maintenance & Repair of Other Real Property	24,555	342	23,706	321	24,445	327
c. Alterations and Additions	9,208	128	8,889	120	9,167	123
Subtotal - Maintenance	282,255	3,933	259,690	3,518	279,958	3,747
4. Total, O&M Expenses (TOA)	529,834	7,383	530,540	7,188	565,919	7,575
5. Appropriation	529,834	7,383	530,540	7,188	565,919	7,575
6. Reimbursements	7,678	107	7,978	108	8,265	111
7. Total Program	537,512	7,490	538,518	7,296	574,184	7,686

**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1993 BUDGET ESTIMATE
OPERATION AND MAINTENANCE
MARINE CORPS**

(Excludes Leased Units and Costs)

	FY 1991 Estimate		FY 1992 Estimate		FY 1993 Estimate	
A. Workload Data						
1. Inventory Data						
Average Inventory for Year Requiring O&M Funding						
a. Conterminous U.S.	21,857		22,455		22,806	
b. U.S. Overseas	0		0		0	
c. Foreign	459		474		474	
d. Worldwide	22,316		22,929		23,280	
	FY 1991 Estimate		FY 1992 Estimate		FY 1993 Estimate	
	Total	Unit	Total	Unit	Total	Unit
	(\$000)	Cost	(\$000)	Cost	(\$000)	Cost
B. Funding Requirement						
1. Operations						
a. Management	8,934	400	9,440	412	9,711	417
b. Services	7,344	329	7,317	319	7,537	324
c. Furnishings	2,302	103	2,307	101	2,307	99
d. Miscellaneous	0	0	0	0	0	0
Subtotal - Operations	18,580	833	19,064	831	19,555	840
2. Utilities	35,161	1,576	35,962	1,568	36,094	1,550
3. Maintenance						
a. Maintenance & Repair of Dwellings	59,253	2,655	50,820	2,216	52,787	2,267
b. Maintenance & Repair of Other Real Property	1,000	45	700	31	780	34
c. Alterations and Additions	700	31	624	27	675	29
Subtotal - Maintenance	60,953	2,731	52,144	2,274	54,242	2,330
4. Total, O&M Expenses (TOA)	114,694	5,140	107,170	4,674	109,891	4,720
5. Appropriation	114,694	5,140	107,170	4,674	109,891	4,720
6. Reimbursements	1,700	76	1,750	76	1,800	77
7. Total Program	116,394	5,216	108,920	4,750	111,691	4,798

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1993 BUDGET ESTIMATE
JUSTIFICATION
NAVY

OPERATING EXPENSES

<u>FY 1992</u>	<u>FY 1993</u>
\$109,884,000	\$117,018,000

The FY 1993 estimated program represents the Navy Family Housing requirements using Office of Management and Budget inflation factors and foreign currency exchange rates. Reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

<u>FY 1992</u>	<u>FY 1993</u>
\$55,707,000	\$61,232,000

Requirements and adjustments as follows:

	<u>(\$M)</u>
FY 1991 Estimate	47.2
Civilian personnel compensation	1.3
Price increases	1.4
Program increases	
a. Full Implementation of Relocation Assistance Program	1.1
b. Acquisition of Automated Systems	.3
c. Increased Staffing for new units coming on line	.3
d. Quality of Life enhancement	2.1
e. Planning/development of PPV	2.0
FY 1992 Estimate	55.7
Civilian personnel compensation	1.4
Price increase	1.1
Program Increases	
a. Increased staffing for new units	.2
b. Establishment of two Housing Offices	.2
c. Quality of Life enhancement	2.1
d. Planning/development of PPV	.5
FY 1993 Estimate	61.2

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT. Funding adjustments are proposed in the Family Housing Management Account for pay raises, industrial fund increases, price increases, and management of programs to acquire additional housing assets, including Public Private Ventures (PPV). In addition, this request continues the DOD Instruction 1338.19 June 15, 1990,

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT (Con't). "Relocation Assistance Program", to upgrade quality of life by implementing improvements to the availability and delivery of customer services at the activity housing offices: i.e., expanding office hours, expanding off base showing services, enhancing referral services, expanding customer service training through the Family Housing Management Institute, pursuing implementation of the lease indemnity program at additional activities and installing state of the art computer equipment at various activities..

SERVICES

<u>FY 1992</u>	<u>FY 1993</u>
<u>\$31,789,000</u>	<u>\$33,259,000</u>

Requirements and adjustments are as follows:

	<u>(\$M)</u>
FY 1991 Estimate	29.8
Price increases	.8
Indirect support for fire and police	.6
New units coming on line	.9
Program decrease	(.3)
FY 1992 Estimate	31.8
Price increases	.6
Indirect support for fire and police	.4
New units coming on line	.5
FY 1993 Estimate	33.3

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT. Funding adjustments are proposed in the Services Account for industrial fund rate increases and inflation increases using approved inflationary factors. The funding adjustments also include additional indirect support costs for fire and police protection, and costs associated with providing pest control, street cleaning, snow removal, refuse collection and trash disposal for newly acquired units.

FURNISHINGS

FY 1992
\$21,398,000

FY 1993
\$21,459,000

Requirements and adjustments are as follows:

	(\$M)
FY 1991 Estimate	19.3
Civilian personnel compensation	.1
Price increase	.8
Program increase	
Expanded overseas loaner furnishings program	1.2
FY 1992 Estimate	21.4
Civilian personnel compensation	.8
Price increases	.8
Program decrease	
Expanded overseas loaner furnishings program	(1.5)
FY 1993 Estimate	21.5

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT. The FY 1993 Furnishings Account program decrease includes costs associated with the expanded overseas loaner furniture program.

MISCELLANEOUS

FY 1992
\$990,000

FY 1993
\$1,068,000

Requirements and adjustments are as follows:

	(\$M)
FY 1991 Estimate	.9
Price Increase	.1
FY 1992 Estimate	1.0
Price increase	.1
FY 1993 Estimate	1.1

RATIONALE FOR CHANGES IN THE MISCELLANEOUS ACCOUNT. Increased estimates for these changes are based on United Kingdom expected inflationary factors, which do not necessarily coincide with United States inflationary factors and the requirement to pay actual Operations and Maintenance costs at those locations where Navy personnel occupy Coast Guard Quarters.

UTILITIES

Requirements and adjustments are as follows:

	<u>FY 1992</u>	<u>FY 1993</u>
	<u>\$160,966,000</u>	<u>\$168,943,000</u>
		(\$M)
FY 1991 Estimate		150.4
Price increases		6.3
Utilities for new units coming on line		4.3
FY 1992 Estimate		161.0
Price increases		5.7
Utilities for new units coming on line		2.3
FY 1993 Estimate		169.0

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT. The Utilities Account proposes an increase for industrial rate adjustments and price increases. Program increases are for costs associated with providing electricity, heat, water, and sewage for newly acquired or constructed units. The Navy Family Housing Program continues to stress energy conservation through public information campaigns and execution of cost effective energy conservation improvement projects.

MAINTENANCE EXPENSES

	<u>FY 1992</u>	<u>FY 1993</u>
	<u>\$259,690,000</u>	<u>\$279,958,000</u>
		(\$M)
FY 1991 Estimate		282.3
Program decrease		
Budget reductions		(22.6)
FY 1992 Estimate		259.7
Price increases		6.8
Program increase		
Offset for hurricane and earthquake damage		4.1
Reduction of the backlog of maintenance and repair		9.4
FY 1993 Estimate		280.0

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT. Price increases in FY 1993 are for costs associated with inflation and NIF increases required to maintain approximately 75,000 family housing units. Repair funds have been grossly underfunded since FY 1984 and in spite of that, repair projects scheduled for execution had to be deferred to offset the reductions taken in the operations and utilities accounts, as well as unscheduled repairs for acts of nature. Deterioration of family housing assets has continued unabated. Mandatory maintenance such as roof repairs, replacement of worn out HVAC systems and electrical and plumbing lines, can no longer be deferred. Funding levels will allow for maintaining the present level of occupant service calls, change of occupancy rehabilitation, routine maintenance, painting, and for expanded preventive maintenance programs.

REIMBURSABLE AUTHORITY

	<u>FY 1992</u>	<u>FY 1993</u>
	<u>\$7,978,000</u>	<u>\$8,265,000</u>
		((\$M))
FY 1991 Estimate		7.7
Price increase		.3
FY 1992 Estimate		8.0
Price increase		.3
FY 1993 Estimate		8.3

RATIONALE FOR CHANGES IN THE REIMBURSABLE ACCOUNT. The reimbursable account reflects an increase for inflation.

FAMILY HOUSING - 1993 BUDGET ESTIMATE

JUSTIFICATION

MARINE CORPS

OPERATING EXPENSES

<u>FY 1992</u>	<u>FY 1993</u>
\$19,064,000	\$19,555,000

The FY 1993 estimated program represents the Marine Corps family housing requirements using Office of the Management and Budget inflation factors and foreign currency exchange rates.

MANAGEMENT

<u>FY 1992</u>	<u>FY 1993</u>
\$9,440,000	\$9,711,000

Requirements and adjustments are as follows:

	<u>(\$M)</u>
FY 1991 Estimate	8.9
Program increase for new units	.3
Pricing adjustment	.2
FY 1992 Estimate	9.4
Pricing Adjustments	.2
Program increase for new units	.1
FY 1993 Estimate	9.7

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT.

The management account provides for direct and indirect expenses in managing the family housing program such as personnel payroll, pay increases, administrative support, housing referral, community liaison, and training and travel associated with the Real Property Maintenance/Family Housing System (RPM/FHS) computer initiative and management of new units coming on line.

SERVICES

	<u>FY 1992</u>	<u>FY 1993</u>
	\$7,317,000	\$7,537,000

Requirements and adjustments are as follows:

	<u>(\$M)</u>
FY 1991 Estimate	7.3
Pricing Adjustment	.3
Program decrease	(.3)
FY 1992 Estimate	7.3
Pricing adjustments	.1
Program increase for new units on line	.1
FY 1993 Estimate	7.5

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT

The services account proposes an increase using approved inflationary factors. Program increases are costs associated with the existing units and newly acquired units for fire and police protection, pest control, street cleaning, snow removal, refuse collection, and indirect support costs.

FURNISHINGS

	<u>FY 1992</u>	<u>FY 1993</u>
	\$2,307,000	\$2,307,000

Requirements and adjustments are as follows:

	<u>(\$M)</u>
FY 1991 Estimate	2.3
Pricing adjustment	.1
Program decrease for force reduction	(.1)
FY 1992 Estimate	2.3
Pricing adjustment	.1
Program decrease for force reduction	(.1)
FY 1993 Estimate	2.3

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT.

The furnishings account reflects a level program. The funds requested will enable a consistent program level of maintenance and replacement of the existing inventory based on future force reductions.

UTILITIES

<u>FY 1992</u>	<u>FY 1993</u>
\$35,962,000	\$36,094,000

Requirements and adjustments are as follows:

	<u>(\$M)</u>
FY 1991 Estimate	35.2
Pricing adjustments	.4
Program increase for new units on line	.4
FY 1992 Estimate	36.0
Program increase for new units on line	.1
FY 1993 Estimate	36.1

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT.

Family Housing utilities are priced by known rates or, in accordance with OSD/OMB pricing guidance. Energy conservation is stressed. Program increases are for costs associated with providing electricity, heat, water, and sewage for newly acquired units from the rehabs programmed for FY92 and the units programmed for construction in the FY91 program. The level of funding requested will provide the support required to include the increase of units to the existing inventory.

MAINTENANCE EXPENSES

	<u>FY 1992</u>	<u>FY 1993</u>
	\$52,144,000	\$54,242,000

Requirements and adjustments are as follows:

	<u>(\$M)</u>
FY 1991 Estimate	61.0
Program decrease	(12.4)
Program decrease for PBD 321	(5.0)
Program increase	8.1
Pricing adjustment	.4
 FY 1992 Estimate	 52.1
Pricing adjustments	.3
Program increase	5.8
Program decrease for budget reductions	(4.0)
 FY 1993 Estimate	 54.2

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT.

Program increases in FY 1993 are to reduce the backlog of deferred maintenance in family housing units and recurring maintenance to new units on line. A portion of the increase will fund major repair to 250 units at 29 Palms, CA. The program decrease reflects budget reductions which set maintenance expenditures for housing on a per unit basis. The repairs programmed reduce the backlog of projects that can no longer be deferred.

REIMBURSEMENTS

<u>FY 1992</u>	<u>FY 1993</u>
\$1,750,000	\$1,800,000

Requirements and adjustments are as follows:

	<u>(\$M)</u>
FY 1991 Estimate	1.7
Program increase	.1
FY 1992 Estimate	1.8
FY 1993 Estimate	1.8

RATIONALE FOR CHANGES IN THE REIMBURSABLE ACCOUNT.

The FY 1993 estimate reflects a level program to adjust for the new units coming on line.

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS		5. PROJECT NUMBER
DEPARTMENT OF THE NAVY FY 1993 BUDGET GENERAL/FLAG OFFICERS QUARTERS (GFOQ'S) WHERE ANTICIPATED MAINTENANCE AND REPAIR WILL EXCEED \$25,000 PER UNIT This information is provided in accordance with the reporting requirement established by the Conference Appropriations Committee Report dated 21 December 1987. The information provides the details for those GFOQ's where the maintenance and repair obligations in FY 1993 are expected to exceed \$25,000 per unit. Operations include the prorated costs for management of family housing, services such as fire and police protection, refuse collection, entomology, snow removal, and furnishings. Utilities include applicable costs for energy (electricity, gas, fuel oil, steam, and geothermal), water and sewerage. Maintenance and repairs include recurring work such as service calls, preventative maintenance, routine change of occupancy work, and major repairs. This includes all operation and maintenance costs to the dwelling unit, appurtenant structures and other related area and facilities intended for the use of the general or flag officer.		

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS		5. PROJECT NUMBER
STATE/ <u>INSTALLATION</u>	<u>QTRS ID</u> <u>OPS</u> <u>UTIL</u> <u>MAINT & RPR</u> <u>HIST PRES</u> <u>TOTAL</u> <u>IMPROVS</u>	
<u>INSIDE THE UNITED STATES</u>		
<u>CALIFORNIA</u>		
MCAS El Toro A	6,634 8,144 37,728 (0) 52,506 0	
Operations consist of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, service calls, change of occupancy, paint the interior walls, and a project to stucco and paint the exterior (\$28,000). The quarters were constructed in 1943.		
MCAS El Toro B	6,834 8,593 44,053 (0) 59,480 0	
Operations consist of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, service calls, change of occupancy, paint the interior walls, and a project to stucco and paint the exterior (\$28,000). The quarters were constructed in 1943.		
NAS Point Mugu 1004 Polaris	2,100 1,800 69,600 (0) 73,500 40,700	
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, change of occupancy work, minor repairs, and partial interior painting. Major repairs and improvements include modernizing the kitchen plumbing and electrical systems; replacement of windows and cabinetry; and the installation of a skylight, a reverse osmosis water maker, additional cabinets, and a food preparation island. Improvements to the steward/supply room convert it to a usable bedroom/guest quarters and include removal of partitions, reconfiguration of the room, removal of the second half bath, and installation of an apartment kitchenette unit.		
MCAS Tustin A	6,201 8,175 62,228 (0) 76,604 0	
Operations consist of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, service calls, and two projects. One project to stucco and paint the exterior (\$25,000), and another to replace the shingle roof with clay tile (\$30,000). The quarters were constructed in 1943.		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS		5. PROJECT NUMBER

<u>STATE / INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT & RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
<u>INSIDE THE UNITED STATES</u>							
<u>DISTRICT OF COLUMBIA</u>							
NAVDISTWASH	A, WNY	10,750	10,200	25,500	(0)	46,450	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance based on historic costs, replacing and cleaning carpeting, partial interior painting, and minor repairs to the porch.							
NAVDISTWASH	Potomac Annex Qtrs AA	10,650	3,100	530,600	(0)	544,350	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost.							
NAVDISTWASH	Potomac Annex Qtrs BB	4,450	3,100	523,700	(0)	531,250	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost.							

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA					2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS						5. PROJECT NUMBER	
<u>STATE/ INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT & RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
<u>INSIDE THE UNITED STATES</u>							
NAVDISTWASH							
Potomac Annex	Qtrs CC	4,450	3,100	484,300	(0)	491,850	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost.							
<u>ILLINOIS</u>							
PWC							
Great Lakes	A	4,965	9,000	38,300	(28,000)	52,265	0
Operations consist of management, services, and furnishings. Maintenance and repairs include service calls, routine maintenance and grounds care, and change of occupancy rehab. The major cost element will be painting of the unit.							
PWC							
Great Lakes	AA	4,665	10,500	35,600	(21,000)	50,765	0
Operations consist of management, services, and furnishings. Maintenance and repairs include service calls, routine maintenance, change of occupancy, and grounds care. Repairs include interior painting, installation of floors in the kitchen and two bathrooms, and replacement of storm windows.							
<u>MARYLAND</u>							
NAVAL ACADEMY							
Annapolis	1 Buchanan	10,000	10,200	96,450	(60,000)	116,650	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and grounds care. Maintenance and repairs include repairs to walls and ceilings requiring replastering and repainting; repairs to doors, windows, and basement; repairing and restoring awnings; miscellaneous electrical repairs; interior painting; and relamping the outside lights. In addition, replacement of the original slate roof is scheduled. This will prevent further damage and preserve the structure and historic integrity of the unit.							

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS		5. PROJECT NUMBER

<u>STATE / INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT & RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
<u>INSIDE THE UNITED STATES</u>							
<u>NEW YORK</u>							
NAVSTA							
Staten Island	115 Mont Sec	7,300	3,600	48,500	(0)	59,400	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, change of occupancy rehab, and grounds care. The repair project includes replacement of deteriorated electrical system; replacement of windows with vinyl clad thermopane double hung windows; replacement of front and rear doors with weather proof doors and storm doors; and the installation of insulation and attic fan for energy conservation.							
<u>VIRGINIA</u>							
NAVPHIBBASE							
Little Creek	A	1,900	3,300	43,300	(0)	48,500	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, change of occupancy rehab, and grounds care. The repair project includes replacement of deteriorated electrical system which does not meet life safety codes.							
NSWC							
Dahlgren	Q-501	7,200	3,600	49,900	(0)	60,700	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and grounds care. In addition, a minor repair project is planned to replace the exterior trim and fuel oil tank; renovate the bathroom; and repair the slate roof.							
FWC							
Norfolk	NHA	2,900	3,600	25,400	(0)	31,900	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and grounds care. The project work will upgrade the kitchen by replacing countertops, sink, and vinyl floor covering. It will also include replastering and repainting the walls and adding a new range hood.							

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS		5. PROJECT NUMBER

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
<u>INSIDE THE UNITED STATES</u>							
PWC Norfolk	Virginia G-30	5,100	15,400	34,600	(0)	55,100	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change occupancy repairs. The work will include interior and exterior painting, miscellaneous heating and plumbing repairs, and miscellaneous minor repairs.							
PWC Norfolk	Powhatan H-7	1,600	3,100	26,800	(0)	31,500	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy repairs. The work will include interior and exterior painting, miscellaneous heating and plumbing repairs, and miscellaneous minor repairs. In addition, replacement of window air conditioners with central air is scheduled for accomplishment.							
PWC Norfolk	Farragut H-27	2,300	4,800	149,700	(0)	156,800	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and grounds care. The scheduled project encompasses replacing windows throughout with energy efficient windows; replacing storm doors; upgrading the kitchen by replacing countertops, cabinets, and vinyl flooring; installing a range hood; enlarging the stairwell; replacing the roof; installing central air conditioning; and repairing basement walls.							
PWC Norfolk	F	6,000	5,700	26,000	(0)	37,700	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy repairs. The work will include interior and exterior painting, miscellaneous heating and plumbing repairs, and miscellaneous minor repairs.							

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA					2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES						
4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS					5. PROJECT NUMBER	

STATE / INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
<u>INSIDE THE UNITED STATES</u>							
MCCDC Quantico	1	1,943	4,779	74,891	(0)	81,613	0

Operations consist of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, service calls, change of occupancy work, and a project to install central air conditioning (\$65,000). This project will provide installation of A/C ductwork utilizing the current heating system, window replacement, painting, and repair/replacement of bathrooms. Currently, 14 window units are inefficiently cooling the quarters. These quarters were constructed in 1920.

1. COMPONENT NAVY	FY 19 ⁹³ MILITARY CONSTRUCTION PROJECT DATA					2. DATE		
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES								
4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS						5. PROJECT NUMBER		
<u>STATE / INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT & RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>	
<u>OUTSIDE THE UNITED STATES</u>								
<u>JAPAN</u>								
PWC Yokosuka	17 Halsey	1,600	21,100	25,300	(0)	48,000	0	
Operations consist of management, services, and furnishings. In addition to routine maintenance and repairs, scheduled work includes exterior painting.								
PWC Yokosuka	18 Halsey	1,600	23,100	53,700	(0)	78,400	0	
Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy rehab. In conjunction with the change of occupancy, a project is scheduled to replace the patio deck. This is the original patio deck and is extremely deteriorated. This unit was built in 1948 and serves as the home of the Commander, Seventh Fleet, who has major representational responsibilities.								

1. COMPONENT		2. DATE	
NAVY		FY 19 <u>93</u> MILITARY CONSTRUCTION PROJECT DATA	
3. INSTALLATION AND LOCATION			
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES			
4. PROJECT TITLE		5. PROJECT NUMBER	
FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT		VARIOUS	
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		<u>CURRENT WORKING ESTIMATE</u>	
		<u>UNIT COST</u>	<u>TOTAL</u>
		<u>(\$)</u>	<u>(\$000)</u>
<u>INSIDE THE UNITED STATES</u>			
<u>CALIFORNIA</u>			
MCAS El Toro		18,702	1,253.0
Repairs to 67 officer units. Replace existing asphalt roofing with clay tile. Replace gutter, downspout fascia, rafter, roofing felt and drip edge with new material. Roofs will be resloped to allow water run-off rather than the current flat style. Clay tiles will more than double the life span of asphalt roofing.			
NAS Lemoore		15,944	2,981.5
Repairs to 187 units. Replace garbage disposals, range hoods, kitchen cabinets, sinks, countertops and flooring.			
NSY Mare Island		19,884	994.1
Repairs to 50 duplex units. Replace bath fixtures and associated piping, range hoods, wiring and outlets, kitchen light fixtures, landscaping, and untempered glass in floor-to-ceiling window walls.			
NPGS Monterey		29,504	3,274.9
Repairs to 111 Wherry units. Replace kitchen cabinets, countertops, sinks, disposals, and range hoods, bathroom fixtures and accessories, exhaust fans and switches, and repair minor tub and shower leaks, flooring throughout the units; all interior and exterior doors and hardware, all electrical switches, receptacles and light fixtures; and paint interiors and exteriors.			

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3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES					
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<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>				<u>CURRENT WORKING ESTIMATE</u>	
				<u>UNIT COST</u>	
				<u>TOTAL</u>	
				(\$)	
				(\$000)	
<u>INSIDE THE UNITED STATES</u>					
PMTc Point Mugu				69,167	6,916.7
Repairs to 100 Capehart units. Replace kitchen cabinets, counters, exhaust hoods and sinks, hardwood flooring, water heaters, windows and exterior doors, light fixtures, smoke detectors, thermostats, electrical wiring and outlets, water and gas piping, garage doors, attic insulation, vents and eave screens. Remove and replace floor asbestos tile and mastic; reinstall sliding patio doors and replace screens; remove and dispose of asbestos in wallboards and tapes in kitchens, bathrooms and utility rooms and install new gypsum walls and ceilings. In bathrooms replace ceramic floor tile, water damaged wall tiles and install one-piece wall enclosures around showers and tubs, shower pans, vanities, sinks, toilets, medicine cabinets, bath accessories and ceiling heat/exhaust fans. Paint interiors and exteriors.					
PWC San Diego				39,192	3,919.2
Repairs to 100 units. Replace kitchen ovens and cooktops, windows, lights and receptacles, lavatories, water closets, bath accessories and medicine cabinets; repair/reglaze ceramic tile, bathtubs and interior plumbing components; rewire units; and paint exteriors.					
MCAGCC Twentynine Palms				63,063	15,766.0
Repairs to 250 officer and enlisted Capehart units. Provides for removal and replacement of cracked and heaving concrete slab foundations, replacement of sewer lines, and architectural, mechanical, and electrical interior repairs to bring the homes up to modern day standards. Replace appliances and fixtures in kitchen and bathrooms and new ceiling and wall insulation.					

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		<u>UNIT COST</u>	<u>TOTAL</u>
		(\$)	(\$000)
<u>INSIDE THE UNITED STATES</u>			
<u>MARYLAND</u>			
NAS Patuxent River		24,142	1,158.8
Repairs to 48 units. Replace flat roofs with gable type roofs.			
<u>PENNSYLVANIA</u>			
NADC Warminster		41,917	4,233.6
Repairs to 101 enlisted units. Replace interior and exterior doors, frames, thresholds and hardware, storm doors, foyer/living room/bedroom wood floors and baseboards, vinyl floor tiles, base and perimeter joints in kitchen, dining room and powder rooms, kitchen countertops, base and wall cabinets, bathroom countertops and sink base cabinets, windows, garage concrete aprons, medicine cabinets; roof shingles, flashing, soffits and fasteners, cracked bricks and clean brick veneer. Replace porch columns, heating and air conditioning systems, lavatories, interior and exterior light fixtures, and park benches. Repair concrete slabs in utility room and garage, masonry walls and joints, stairs and and replace railing and balusters, door frames and stress cracks, foundation wall, membrane and cement parging, grounding connections and eroded swale ditch lines. Repair/seal holes in attic firewall; remove wallpaper; refinish steel support in garage; provide support for bedroom closet shelves, splash blocks, lock on damper, and bonding to cold water pipes. Tighten electrical service cable and regrade yards. Includes concurrent improvements at a cost of \$1,054,000.			

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<u>INSIDE THE UNITED STATES</u>											
NADC Warminster Repairs to Quarters A. Replace exterior concrete steps and sidewalk, basement windows, frames, screens and exterior concrete finishes, basement door finish, first floor joists, chimney flue linings, stone arches, subbasement walls, exterior door, hardware and weatherstripping, storm windows, garage stucco finish, overhead door, interior light switch, and grounding connections to switches. Regrade southeast corner of driveway entrance; repair drainage in yard; remove soot from chimney brick, seal brick work, stucco finish, concrete patio, pad and building intersection, veneer wood column boards, and window wells. Paint exterior vent stack; refinish and seal basement access door; conceal exposed wiring and provide new septic tile field.	108,300	108.3									
NADC Warminster Repairs to Quarters B. Replace roof shingles, scallop trim board, windows and screens, interior and exterior doors and hardware, screen doors, soffits, porch roof flashing, attic vent, gutters, downspouts, splash blocks, and window shutters. Remove asbestos and paint fascia boards. Repair flashing around chimney, masonry wall joints, stucco finish, interior plaster walls, drywall ceiling, soffit and gable vents, chimney finish, roof rafter, and cement coating of basement foundation wall. Seal cracks in slabs and concrete pads.	179,300	179.3									

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<u>INSIDE THE UNITED STATES</u>		
NADC Warminster Repairs to 6 units. Replace storm doors, front entrance doors, gable and crawl space vents, wells and screens, vinyl flooring and baseboard; regrade around building foundation and garages; adjust sidewalk locations, front steps and landings, patio slate pavers, entrance canopies, porch column posts and patio canopy. Repair exterior and interior door frames, thresholds hardware, and weatherstripping, interior walls and ceilings, shower tile ceiling, wood baseboards, window trim, kitchen base and wall cabinets and countertops, and window sills. Repairs and replace roof shingles, garage doors, downspouts, splash blocks, concrete pad to garage, pressure treated sill plates, hose bibbs, ground fault interrupter circuit breakers, light fixtures, and garage wiring. Remove asbestos and refinish hardwood floors.	47,567	285.4
<u>RHODE ISLAND</u>		
NETC Newport Repairs to 108 units. Replace windows, storage shed roofing, clapboard siding with vinyl siding and insulation, interior doors, bath and lavatory accessories, subfloor sheathing, bridging and vinyl asbestos tile and wood base, ceramic tile floor and walls, access panels, kitchen cabinets and countertops, and garbage disposals. Repair and refinish stairs landing and wood floors; repair gypsum board; replace or refinish bath tubs; and paint interiors and exteriors. Replace sill cocks with freeze proof type, shower/tub controls, lavatory and water closet stops, fin radiation and covers, interior and exterior receptacles and circuits, light fixtures and control switches, exhaust fan switches, and smoke detectors.	30,255	3,267.5

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<u>INSIDE THE UNITED STATES</u>			
<u>SOUTH CAROLINA</u>			
MCAS Beaufort		31,137	5,480.0
Repairs to 176 enlisted units. Replace kitchen and bath plumbing, cabinets and fixtures. Replace new electrical wiring and doors. Interior/exterior painting. Installation of vinyl soffit and fascia.			
<u>VIRGINIA</u>			
PWC Norfolk		15,900	15.9
Repairs to 1 officer unit and garage. Repair siding, soffits, gutters, downspouts and storm windows.			
MCCDC Quantico		89,576	2,956.0
Repairs to 33 officer units. Replace kitchen and bath plumbing, cabinets and fixtures. Replace electrical wiring throughout. Remove asbestos. Replace windows, wallboard, and heating systems.			
<u>WASHINGTON</u>			
NAS Whidbey Island		39,276	4,320.4
Repairs to 110 units. Replace all roofing, tubs/showers, mechanical room doors, kitchen exhaust fans, kitchen sinks, faucets, garbage disposals, bath lavatories, furnace roof jacks, dining/breakfast area light fixtures, and exterior faucets. Repair or replace drain lines, heating ducts, furnaces and thermostats, roads, driveways, sidewalks, parking areas, storm drainage system, and exterior water and sewer laterals.			

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<u>OUTSIDE THE UNITED STATES</u>											
<u>CUBA</u>											
NS Guantanamo Bay	69,712	5,158.7									
Repairs to 74 units. Replace tile flooring throughout, ceramic bathroom tile, bathroom accessories and fixtures, closet doors, electrical service panels and breakers. Repair wall insulation and concrete masonry, roads and parking, and replace potable water distribution system and sewage lines.											
<u>JAPAN</u>											
CFA Sasebo	15,636	922.5									
Repairs to 59 units. Repair built-up roofing at Dragon Heights and Dragon Vale.											
<u>MARIANAS ISLANDS</u>											
PWC Guam	93,148	8,290.2									
Repairs to 89 units. Replace architectural finishes including fire rated interior walls, interior and exterior doors, base and wall hung cabinets, floor tiles, bathroom fixtures, kitchen sinks, range hoods, garbage disposals and piping, lighting fixtures, receptacles, switches, wiring and conduits.											
PWC Guam	78,595	5,894.6									
Repairs to 75 units. Replace vinyl floor tiles, exterior/interior doors, exterior foundations, roof gutters, garbage disposals, bathroom fixtures, water heaters, lavatories, tubs and showers, duplex outlets, electrical panel board. Rewire all circuits and repair kitchen cabinets in four units.											

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Family Housing, Navy and Marine Corps
LEASING

(In Thousands)

FY 1993 Program \$108,800
FY 1992 Program \$ 72,900

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

A summary of the funding program for Fiscal Year 1993 follows:

	<u>FY 91</u>		<u>FY 92</u>		<u>FY 93</u>	
	<u>Yr End</u>	<u>Cost</u>	<u>Author-</u>	<u>Cost</u>	<u>Author-</u>	<u>Cost</u>
	<u>Units</u>	<u>(\$000)</u>	<u>ization</u>	<u>(\$000)</u>	<u>ization</u>	<u>(\$000)</u>
			<u>Units</u>		<u>Units</u>	
Domestic:						
Navy	1,332	14,555	6,050	32,532	6,050	62,625
Marine Corps	100	1,219	800	2,400	800	2,472
Foreign:	<u>2,043</u>	<u>30,701</u>	<u>3,217</u>	<u>37,968</u>	<u>3,217</u>	<u>43,703</u>
Total:	3,475	46,475	10,067	72,900	10,067	108,800

JUSTIFICATION

Domestic Leasing Program Summary: The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation. This program consists of leasing on an interim basis until Section 801 and/or military construction (MILCON) units come on line.

Section 801 of the FY 84 Military Construction Authorization Act (PL 98-115) authorizes the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. This authorization was considered a test and would have expired upon execution of contracts no later than 1 October 1985. The Navy sites chosen for testing Section 801 were Norfolk, Virginia, and Earle, New Jersey. The Section 801 program has been extended through the end of FY 1991. The Navy has awarded contracts for Section 801 projects at Norfolk, VA (300 units), Earle, NJ (300 units), Mayport, FL (200 units), Staten Island, NY (1,202 units) and Washington, DC (600). An additional 1,707 scheduled to start coming on line in FY 1993. The Navy expects to award contracts for all 6,200 Section 801 lease points by 30 September 1991.

Domestic Leasing Fiscal Year Summary:

FY 1991 - The domestic lease program consisted of 1,465 units that required funding of \$15,773.8. Funding in the amount of \$13,966.3 provided full funding for Section 801 projects at Earle, Norfolk, Mayport and Washington, DC. An Additional \$1,807.5 supported domestic short term leases in Glenview, IL, Washington, DC, and at two Marine Corps Bases in California--San Diego, and Camp Pendleton.

FY 1992 - The domestic lease program consist of 3,225 units required funding of \$34,932.1. Funding in the amount of \$30,278.0 is requested to provide funding for Section 801 projects at ten Navy activities. The remaining \$4,654.1 is required to support domestic short term leases in Washington, DC and at four Marine Corps Bases in California--San Diego, Camp Pendleton, El Toro and Twentynine Palms.

FY 1993 - The domestic lease construct consists of 5,134 units requiring funding of \$65,096.6. Funding in the amount of \$58,364.9 is requested to provide funding for Section 801 projects at fourteen Navy activities. The remaining \$6,731.7 is required to support domestic short term leases in Washington, DC and at four Marine Corps Bases in California.

Statutory thresholds combined with the scarcity of affordable housing in urban areas inhibit the potential for short term leasing as an answer to Navy family housing requirements. Furthermore, these conditions enhance the need for the long term security provided by Section 801 housing. The economics of the rental markets, in conjunction with the limited supply of housing units, exemplifies the urgency of pursuing more concrete solutions to satisfying our housing needs.

Foreign Leasing: Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

The FY 1991 unit authorization consisted of 3,217 units of which 2,053 required funding. The leases support the leasing program at Naples, La Maddalena and Sigonella, Italy, and individual leases at Rome, Italy and Rota Spain.

The FY 1992 unit authorization consists of 3,217 units of which 2,528 require funding. The authorization difference of 689 is to support lease initiatives at Naples, Sigonella, and La Maddalena that do not require funding until FY 1993.

The FY 1993 unit authorization consists of 3,217 units of which 2,713 will require funding. The authorization difference of 504 is to support leasing requirements at Naples, Sigonella, and La Maddalena, Italy.

FAMILY HOUSING, DEPARTMENT OF THE NAVY									
ANALYSIS OF LEASED UNITS									
(Other than Section 801 and Section 802 Units)									
FY 1993									
Location	FY 1991			FY 1992			FY 1993		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)
<u>DOMESTIC LEASING</u>									
<u>Navy</u>									
Key West, FL	24	88	0	0	0	0.0	0	0	0.0
Glenview, IL	33	246	175.1	0	0	0.0	0	0	0.0
New York, NY	0	0	0	0	0	0.0	0	0	0.0
Washington, DC	50	600	432.4	450	2,976	2,254.1	450	5,400	4,331.7
<u>Marine Corps</u>									
El Toro, CA	50	0	0	50	450	600.0	50	600	600.0
Pendleton, CA	50	600	600.0	50	600	600.0	50	600	600.0
San Diego, CA	50	450	600.0	50	600	600.0	50	600	600.0
Twentynine Palms	50	0	0	50	450	600.0	50	600	600.0
TOTAL DOMESTIC LEASES	307	1,984	1,807.5	650	5,076	4,654.1	650	7,800	6,731.7

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FAMILY HOUSING, DEPARTMENT OF THE NAVY
ANALYSIS OF LEASED UNITS
(Other than Section 801 and Section 802 Units)
FY 1993

Location	FY 1991			FY 1992			FY 1993		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (000)	Units Authorized	Lease Months	Cost (000)
<u>FOREIGN LEASES</u>									
(a) Athens	1	12	18.7	1	12	18.9	1	12	19.4
(a) Bahrain	1	12	43.1	1	12	53.1	1	12	57.9
(c) Bangkok	10	108	242.4	10	120	331.2	10	120	347.0
(b) Edzell	102	1,224	869.0	102	1,224	870.0	102	1,224	922.3
(a) (b) Holy Loch	436	4,704	4,650.9	436	5,220	4,915.7	436	5,220	5,245.4
(a) Hong Kong	7	84	266.8	7	84	313.9	7	84	345.8
(c) Jakarta	20	112	840.0	20	240	863.8	20	240	944.5
(a) (b) La Maddalena	285	1,980	2,736.4	285	2,400	3,055.0	285	2,820	3,858.6
(a) Lisbon	1	12	81.3	1	12	82.9	1	12	91.9
(a) London	84	1,008	1,810.4	84	1,008	1,757.1	84	1,008	2,095.5
(a) Manila	41	414	545.0	41	360	583.8	30	360	629.5
(a) (b) Naples	1,285	7,520	11,630.6	1,285	9,520	11,567.2	1,285	10,620	13,029.9
(c) New Delhi	1	12	47.6	1	12	83.9	1	12	58.5
(a) Oslo	1	12	19.8	1	12	20.6	1	12	21.0
(a) Rome	14	168	578.2	14	168	609.2	14	168	648.2
(a) Rota	25	300	296.4	25	300	421.2	25	300	426.3
(a) (b) Sigonella	852	3,708	5,505.5	852	5,008	11,857.9	863	8,906	14,371.5
(a) Souda Bay	1	6	6.4	1	12	11.2	1	12	12.4
(b) Thurso	50	600	512.7	50	600	551.5	50	600	577.9
TOTAL FOREIGN LEASES	3,217	21,996	30,701.2	3,217	26,324	37,968.1	3,217	31,742	43,703.5
GRAND TOTAL	3,524	23,980	32,508.7	3,867	31,400	42,622.2	3,867	39,542	50,435.2

- (a) Individual leases
(b) Lease construction
(c) Department of State Leasing Pool

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Family Housing, Department of the Navy
FY 1993, Section 801 Family Housing Summary
(Dollars in Thousands)

<u>Location</u>	<u>No. of Units</u>	<u>FY of Initial Auth</u>	<u>Date of Award</u>	<u>Date of Full Occup</u>	<u>Total Annual Costs</u>	<u>FY 1992 Units</u>	<u>FY 1992 Costs</u>	<u>FY 1993 Units</u>	<u>Approp Request</u>
<u>NAVY</u>									
<u>Section 801 Housing</u>									
Earle, NJ	300	1984	10/88	5/90	4,434.1	300	4,376.3	300	4,434.1
Norfolk, VA	300	1984	2/86	1/88	4,186.0	300	4,100.0	300	4,186.0
Mayport, FL	200	1986	8/86	2/89	1,670.8	200	1,612.8	200	1,670.8
Staten Island, NY	1,202	1987	6/89	5/92	21,287.3	950	9,038.0	1,184	21,000.0
San Diego, CA	491	1988	9/91	3/93	4,198.0	0	0.0	300	3,479.9
Long Beach, CA	300	1988	8/91	11/93	5,054.4	100	208.9	300	4,633.2
Washington, DC	600	1988	9/89	12/91	8,564.0	600	8,502.0	600	8,564.0
Washington, DC	414	1990	8/91	10/92	5,961.6	27	108.3	400	3,054.6
Warminster, PA	200	1990	9/91	9/94	2,860.0	0	0.0	150	1,116.6
Dahlgren, VA	150	1990	8/91	10/93	2,145.0	0	0.0	100	580.3
New London, CT	300	1990	8/91	7/94	4,290.0	0	0.0	150	1,116.6
Pensacola, FL	300	1990	5/91	3/92	2,478.0	300	1,198.4	300	2,478.0
Whidbey Island, WA	300	1990	9/91	9/93	3,898.8	0	0.0	200	758.3
Unassigned	543								
<u>Planning and Execution Various Locations</u>							1,133.3		1,220.5
<u>Total 801, Navy</u>	<u>5,600</u>				<u>71,028.0</u>	<u>2,777</u>	<u>30,278.0</u>	<u>4,484</u>	<u>58,292.9</u>
<u>MARINE CORPS</u>									
Twentynine Palms, CA	600	1984	9/91	3/94	6,179.1	0	0.0	0	0.0
<u>Planning and Execution</u>							0.0		72.0
									FH-5

FY 1993
FAMILY HOUSING, NAVY
DEBT PAYMENT
(\$000)

(In thousands)
FY 1993 Program \$ 90
FY 1992 Program \$ 90

Purpose and Scope

The requirement for the payment of principal and interest on the remaining indebtedness for Capehart and acquired Wherry housing has been completed. All mortgages have been paid off as of 30 September 1988 for the Wherry housing and as of 30 September 1989 for the Capehart housing. The only remaining requirement for this program is the payment of Servicemen's Mortgage Insurance Premiums to FHA for mortgages assumed by active military personnel on housing purchased by them.

Program Summary

Authorization required for the appropriation is \$90,000. No reimbursements will be used to finance the FY 1993 program pursuant to Section 511, Public Law 96-418.

<u>TOA</u>	<u>FY 1992</u>	<u>FY 1993</u>
Interest		
Capehart and Wherry	-0-	-0-
Mortgage Insurance Premiums		
Servicemember's		
Navy	87	88
Marine Corps	3	2
Total Obligating Authority	90	90
<u>Budget Authority:</u>	<u>90</u>	<u>90</u>
Appropriation	90	90
Portion Applied to Debt Reduction	<u>-0-</u>	<u>-0-</u>
Appropriation (adjusted)	90	90

FAMILY HOUSING, NAVY
FY 1993 BUDGET
SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a serviceman dies while on active duty and leaves a surviving widow as owner of the property. Payments extend for a period of two years after death or until the widow disposes of the property, whichever occurs first. The maximum amount insurable by FHA is \$67,500. The premium rate is 1/2 of 1% of the unpaid balance of the mortgage. The Department of Housing and Urban Development stopped processing applications for servicemen's mortgage insurance premiums as of 31 March 1980 with the discontinuance of Section 222 of the Housing Act.

	FY1992			FY1993		
	NAVY	MARINE CORPS	TOTAL	NAVY	MARINE CORPS	TOTAL
No. of Mortgages	621	21	642	607	14	621
Average Payment	\$140	\$140	\$140	\$140	\$140	\$140
Total Payment	\$ 87,000	\$ 3,000	\$ 90,000	\$ 88,000	\$ 2,000	\$ 90,000

DEPARTMENT OF THE NAVY
FY 1993 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF DEFENSE BUSINESS OPERATIONS FUND PROJECTS

<u>STATE/ COUNTRY</u>	<u>PROJ NO.</u>	<u>INSTALLATION/LOCATION PROJECT TITLE</u>	<u>AUTH REQUEST (\$000)</u>	<u>APPROP. REQUEST (\$000)</u>	<u>% DESIGN AS OF JAN 92</u>	<u>PAGE NO.</u>
New Jersey	949B	<u>Naval Weapons Station, Earle</u> Trestles Replacement (Phase III)	\$ 0	(\$25,660)	100	129
	TOTAL - New Jersey		0	(25,660)		
South Carolina	880	<u>Naval Weapons Station, Charleston</u> Hazardous Waste Storage and Transfer Facility	600	(600)	100	138
	TOTAL - South Carolina		600	(600)		
Virginia	425	<u>Naval Supply Center, Norfolk</u> Cold Storage Warehouse	12,400	(12,400)	60	131
	480	<u>Naval Weapons Station, Yorktown</u> Hazardous Waste Storage Facility	1,100	(1,100)	100	138
	TOTAL - Virginia		13,500	(13,500)		
Washington	162	<u>Puget Sound Naval Shipyard, Bremerton</u> Abrasive Blast Material Handling Facility	1,400	(1,400)	100	133
	TOTAL - Washington		1,400	(1,400)		
TOTAL - FY 1993 DEFENSE BUSINESS OPERATIONS FUND PROJECTS			15,500	(41,160)*		

() Non-add

*Budgeted in other appropriations.

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL WEAPONS STATION, EARLE, NEW JERSEY			4. PROJECT TITLE TRESTLES REPLACEMENT (PHASE III)	
5. PROGRAM ELEMENT 0702096N	6. CATEGORY CODE 151.10	7. PROJECT NUMBER P-949B	8. PROJECT COST (\$000) Auth: 0 Appr: 25,660 DBOF Request	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
TRESTLES REPLACEMENT	LS	-	-	69,730
STRUCTURES	LS	-	-	(64,160)
RAILROAD TRACK	LF	18,200	306.00	(5,570)
SUPPORTING FACILITIES	-	-	-	6,730
UTILITIES	LS	-	-	(4,730)
DEMOLITION	LS	-	-	(2,000)
SUBTOTAL	-	-	-	76,460
CONTINGENCY (5.0%)	-	-	-	3,820
TOTAL CONTRACT COST	-	-	-	80,280
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	4,820
SUBTOTAL	-	-	-	85,100
LESS: PHASE I FUNDING: FY 91	-	-	-	20,100
LESS: PHASE II FUNDING: FY 92	-	-	-	36,500
LESS: FUTURE PHASE IV FUNDING	-	-	-	2,840
TOTAL REQUEST	-	-	-	25,660
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Reinforced concrete trestle adjacent to existing Trestles 1 and 2; 9.100 feet long, 46 feet wide on steel piles; two railroad tracks, two-lane roadway, utilities; demolition of existing trestles.				
11. REQUIREMENT: <u>AS REQUIRED</u> <u>PROJECT:</u> Replaces Trestles 1 and 2 from the shoreline outward into Sandy Hook Bay to the juncture with Trestle 4, a distance of two miles. (Current mission.) <u>REQUIREMENT:</u> Built in 1944, the existing trestle shows signs of severe structural deterioration and must be replaced to maintain safe access to the offshore piers for ordnance loading and homeporting. Ordnance is transported by truck and railcar over this trestle to and from storage magazines in the inland area of the station. Homeport plan includes berthing three ammunition ships (AE's) and two fast combat support ships (AOE's) which resupply the Atlantic Fleet with ammunition, fuel and other vital provisions while underway. Phase I of this project was approved in Fiscal Year 1991 and Phase II is in the FY 1992 budget request. <u>CURRENT SITUATION:</u> Structural testing and analysis of the existing trestles show significant areas of deterioration, with accelerating deterioration of the concrete deck caused by freeze-thaw cycles. The remaining life of the concrete deck may be limited to five more freeze-thaw cycles or about five years. Weight limitations have been placed on trucks and railcars, resulting in increased loading times and costs. <u>IMPACT IF NOT PROVIDED:</u> The Navy will not have safe access from the shore to the pier complex at the end of Trestles 1 and 2 for transport of ammunition, supplies and personnel.				

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		
3. INSTALLATION AND LOCATION		
NAVAL WEAPONS STATION, EARLE, NEW JERSEY		
4. PROJECT TITLE		5. PROJECT NUMBER
TRESTLES REPLACEMENT (PHASE III)		P-949B
12. SUPPLEMENTAL DATA:		
A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")		
(1) STATUS:		
(A) DATE DESIGN STARTED		06-89
(B) PERCENT COMPLETE AS OF JANUARY 1992		100
(C) DATE DESIGN 35% COMPLETE		10-89
(D) DATE DESIGN COMPLETE		07-90
(2) BASIS:		
(A) STANDARD OR DEFINITIVE DESIGN:		YES ___ NO <u>X</u>
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____		
(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000)		
(A) PRODUCTION OF PLANS AND SPECIFICATIONS		(3,000)
(B) ALL OTHER DESIGN COSTS		(250)
(C) TOTAL		3,250
(D) CONTRACT		(3,000)
(E) IN-HOUSE		(250)
(4) CONSTRUCTION START.		
		01-93 (MONTH AND YEAR)
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:		
NONE		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION NAVAL SUPPLY CENTER, NORFOLK, VIRGINIA			4. PROJECT TITLE COLD STORAGE WAREHOUSE	
5. PROGRAM ELEMENT 0702896N	6. CATEGORY CODE 431.10	7. PROJECT NUMBER P-425	8. PROJECT COST (\$000) 12,400 DBOF Request	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
COLD STORAGE WAREHOUSE	SF	152,400	67.00	10,210
SUPPORTING FACILITIES	-	-	-	930
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(100)
UTILITIES	LS	-	-	(250)
PAVING AND SITE IMPROVEMENT	LS	-	-	(580)
SUBTOTAL	-	-	-	11,140
CONTINGENCY (5.0%)	-	-	-	560
TOTAL CONTRACT COST	-	-	-	11,700
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	700
TOTAL REQUEST	-	-	-	12,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION One-story steel frame building, raised concrete floor, concrete-block exterior walls with brick facing, steel roof joist framing, pile supported foundation, fire protection system, refrigeration systems, utilities, administrative support spaces.				
11. REQUIREMENT: <u>152,400</u> SF ADEQUATE: <u>0</u> SF SUBSTANDARD. <u>0</u> SF PROJECT: Provides a cold storage warehouse. (Current mission.) REQUIREMENT: Adequate and properly-configured facilities for receiving, storing, and issuing fresh chilled and frozen food products in support of the Atlantic and Sixth Fleets and various shore activities. This center is the major supply center serving the Atlantic Fleet. Naval Operating Base Norfolk is the Navy's largest concentration of activities, ships, aircraft, and personnel. The Naval Complex includes a major master jet base, ship homeporting supporting six aircraft carriers, dozens of surface combatants and submarines, major SIMAs, Naval Air Station Norfolk, the shipyard, the naval hospital, fuel depot, amphibious base, training commands, and a naval aviation depot. CURRENT SITUATION: The existing cold storage facility has major deterioration problems including significant settlement of pile foundation and slab-on-grade system, inoperable subfloor protection system, column penetration of subfloor insulation system, inoperative fire sprinkler system and severe structural deterioration from moisture and thermal movements. It is in immediate danger of collapse and is surveyed each month by engineers to certify it for another month of occupancy. The facility contains all frozen and chilled provisions for the Norfolk-based fleet and shore activities. The Defense Logistics Agency's facilities are many miles away and do not have the capacity to handle the Navy's demand at Norfolk.				

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE																		
NAVY																				
3. INSTALLATION AND LOCATION																				
NAVAL SUPPLY CENTER, NORFOLK, VIRGINIA																				
4. PROJECT TITLE		5. PROJECT NUMBER																		
COLD STORAGE WAREHOUSE		P-425																		
11. REQUIREMENT: (CONTINUED)																				
<u>IMPACT IF NOT PROVIDED:</u> Without a replacement facility, the fleet will not have a source of provisions. Problems relating to foundation movements, moisture penetration into the building, and thermal movements of the building will worsen, resulting in continuing safety and operational deterioration. Activity will continue to experience greater difficulty in supporting Fleet units. <u>ADDITIONAL:</u> Perishable provisions (frozen and chilled foods) are supported through Defense Substance Offices (DSO), a tri-service organization. The DSO's consolidate requirements, purchase the required provisions, and operate a number of cold storage plants as depot level operations to replenish the retail level cold storage operations. This system has grown over time and is generally very well consolidated on a regional basis. For instance, the cold storage plant at Oakland is a DSO operation. The Navy in Oakland receives its required support directly from this facility. However, in other regions of the country, the Navy operates cold storage facilities to support its operations. This is in regions where the DSO is not located sufficiently close to the end user to provide the response required to meet quality of life and operational requirements. Discussions on Defense Management Review 902 did not specifically address the topic of cold storage. Significant consolidations for perishable provisions have already taken place in all regions. Further, the customer base is well defined and the support facilities are located properly to support the existing customers.																				
12. SUPPLEMENTAL DATA:																				
A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.") (1) STATUS: <table border="0"> <tr> <td>(A) DATE DESIGN STARTED</td> <td>06-90</td> </tr> <tr> <td>(B) PERCENT COMPLETE AS OF JANUARY 1992</td> <td>60</td> </tr> <tr> <td>(C) DATE DESIGN 35% COMPLETE</td> <td>09-91</td> </tr> <tr> <td>(D) DATE DESIGN COMPLETE</td> <td>08-92</td> </tr> </table> (2) BASIS: (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO <u>X</u> (B) WHERE DESIGN WAS MOST RECENTLY USED: _____ (3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000) <table border="0"> <tr> <td>(A) PRODUCTION OF PLANS AND SPECIFICATIONS</td> <td>(720)</td> </tr> <tr> <td>(B) ALL OTHER DESIGN COSTS</td> <td>(490)</td> </tr> <tr> <td>(C) TOTAL</td> <td>1,210</td> </tr> <tr> <td>(D) CONTRACT</td> <td>(997)</td> </tr> <tr> <td>(E) IN-HOUSE</td> <td>(213)</td> </tr> </table> (4) CONSTRUCTION START. 01-93 (MONTH AND YEAR) B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS: NONE			(A) DATE DESIGN STARTED	06-90	(B) PERCENT COMPLETE AS OF JANUARY 1992	60	(C) DATE DESIGN 35% COMPLETE	09-91	(D) DATE DESIGN COMPLETE	08-92	(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(720)	(B) ALL OTHER DESIGN COSTS	(490)	(C) TOTAL	1,210	(D) CONTRACT	(997)	(E) IN-HOUSE	(213)
(A) DATE DESIGN STARTED	06-90																			
(B) PERCENT COMPLETE AS OF JANUARY 1992	60																			
(C) DATE DESIGN 35% COMPLETE	09-91																			
(D) DATE DESIGN COMPLETE	08-92																			
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(720)																			
(B) ALL OTHER DESIGN COSTS	(490)																			
(C) TOTAL	1,210																			
(D) CONTRACT	(997)																			
(E) IN-HOUSE	(213)																			

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE
3. INSTALLATION AND LOCATION PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON			4. PROJECT TITLE ABRASIVE BLAST MATERIAL HANDLING FACILITY	
5. PROGRAM ELEMENT 0702228N	6. CATEGORY CODE 213.77	7. PROJECT NUMBER P-162	8. PROJECT COST (\$000) 1,400 DBOF Request	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ABRASIVE BLAST MATERIAL HANDLING FACILITY. . .	SF	7,600	-	820
SUPPORT BUILDING	SF	7,600	47.00	(360)
SIL0	LS	-	-	(460)
SUPPORTING FACILITIES.	-	-	-	440
SPECIAL CONSTRUCTION FEATURES.	LS	-	-	(140)
UTILITIES.	LS	-	-	(100)
PAVING AND SITE IMPROVEMENT.	LS	-	-	(200)
SUBTOTAL	-	-	-	1,260
CONTINGENCY (5.0%).	-	-	-	60
TOTAL CONTRACT COST.	-	-	-	1,320
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	80
TOTAL REQUEST.	-	-	-	1,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	0
10. DESCRIPTION OF PROPOSED CONSTRUCTION One-story metal building with pile supported foundation; 416,000 gallon silo, removal of one tank, utilities; demolition of two buildings.				
11. REQUIREMENT: 7,600 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF				
<u>PROJECT:</u> Constructs an abrasive blast materials handling facility. (Current mission.) <u>REQUIREMENT:</u> An adequate facility for separating dust and impurities from used abrasive materials so the materials can be recycled. The facility must provide an efficient means of receiving, storing, processing and shipping abrasive materials dust-free so air pollution is reduced during waterfront abrasive cleaning operations. <u>CURRENT SITUATION:</u> Since the shipyard does not have a facility that can separate dust and impurities from used abrasive blast materials, these materials cannot be recycled. Present movement of the bulk materials by clam shovel operations are inefficient and create excessive dust. Also, energy is wasted because of excessive drying times. Less expensive materials cannot be used. <u>IMPACT IF NOT PROVIDED:</u> The entire abrasive materials operation will continue to be inefficient and uneconomical and the generation of excessive quantities of dust will continue during the handling and cleaning operations.				

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		
3. INSTALLATION AND LOCATION		
PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON		
4. PROJECT TITLE		5. PROJECT NUMBER
ABRASIVE BLAST MATERIAL HANDLING FACILITY		P-162
12. SUPPLEMENTAL DATA:		
A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")		
(1) STATUS:		
(A) DATE DESIGN STARTED.		12-90
(B) PERCENT COMPLETE AS OF JANUARY 1992.		100
(C) DATE DESIGN 35% COMPLETE		05-91
(D) DATE DESIGN COMPLETE		11-91
(2) BASIS:		
(A) STANDARD OR DEFINITIVE DESIGN:		YES ___ NO <u>X</u>
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____		
(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): (\$000)		
(A) PRODUCTION OF PLANS AND SPECIFICATIONS		(120)
(B) ALL OTHER DESIGN COSTS		(45)
(C) TOTAL		165
(D) CONTRACT		(150)
(E) IN-HOUSE		(15)
(4) CONSTRUCTION START.		
		10-92
(MONTH AND YEAR)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:		
NONE		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM			2. DATE	
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS			4. PROJECT TITLE POLLUTION ABATEMENT FACILITIES		
5. PROGRAM ELEMENT VARIES	6. CATEGORY CODE VARIES	7. PROJECT NUMBER VARIOUS	8. PROJECT COST (\$000) 1,700 DBOF Request		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
POLLUTION ABATEMENT FACILITIES		LS	-	-	1,700
TOTAL REQUEST.		-	-	-	1,700
10. DESCRIPTION OF PROPOSED CONSTRUCTION These pollution abatement facilities will bring Naval and Marine Corps installations into compliance with federal, state, and local environmental laws. Facilities include upgrading existing structures, building new structures, solid waste disposal, and separation of water and sewer pipelines. Environmental engineering evaluations were performed to determine the most advantageous method for achieving compliance with environmental laws and regulations. (See individual project descriptions of work.)					
11. REQUIREMENT: <u>VARIES.</u> Facilities at Naval and Marine Corps installations were often constructed with inadequate controls to meet present day environmental quality standards. Industrial wastewaters and sewage are discharged untreated or inadequately treated into adjacent waterways. These projects will continue the Navy's program for correcting, controlling, and preventing pollution at Naval and Marine Corps installations, and to comply with federal, state, and local air and water quality standards. The pollution abatement program includes projects from some of the following categories: Sanitary Wastewater System - Some installations have sewerage systems which do not meet present day minimum water quality standards. The Clean Water Act of 1972, PL 92-500, requires every "point source" discharger to obtain a permit which specifies the allowable amount and constituents that can be discharged to surface waters. The permit may contain a schedule specifying the dates by which the discharger will achieve compliance. Projects in this category provide improvements to sanitary sewage collection and treatment systems to satisfy the water quality criteria and permit requirements. (CONTINUED ON DD 1391C)					

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS		
4. PROJECT TITLE POLLUTION ABATEMENT FACILITIES	5. PROJECT NUMBER VARIOUS	
11. REQUIREMENT: (CONTINUED) Industrial Wastewater Treatment Facilities - Industrial operations create many unique waste disposal problems. These wastes are more difficult to treat than typical sanitary wastewater. Industrial wastewater effluents contain heavy metals and toxic and corrosive chemicals that are potential stream pollutants, and also have a deleterious effect on municipal sewage treatment systems. Therefore, the Navy must provide pretreatment plants so wastes are treated before being sent to municipal systems for further treatment. Industrial facilities may also discharge wastes, untreated or inadequately treated, into adjacent drainage courses that empty into harbor or navigable waters in violation of discharge permits. Projects in this category provide treatment facilities, and other modifications as required, to meet the discharge permit. Solid Waste Management Facilities - The Navy is fast approaching a crisis because of the lack of solid waste management facilities. These facilities are necessary to minimize the amount of trash, garbage, solid waste, and hazardous waste which must be handled; and to provide for the segregation and management of recyclable materials and their ultimate treatment and disposal in order to protect public health and the environment. Water and Sewer Pipelines Separation - Projects in this category insure compliance with environmental protection agency (EPA) and state regulations for the elimination of potable water contamination because of possible cross-connections of pipelines. Potable Water Treatment or Distribution Systems - Some installations which provide potable (drinking) water may not meet standards set by EPA or the states under the Safe Drinking Water Act (SDWA) of 1974, PL 93-523. Treatment systems must be modified or replaced to produce drinking water which meets the maximum contaminant levels (MCLs) specified by EPA for specific contaminants, including metals and organics. In some cases, distribution systems do not meet the requirements of the SDWA and must be modified or replaced. Oil Spill Prevention - Existing oil and fuel storage and transfer areas do not have the necessary oil spill control structures required to prevent accidental oil discharges from reaching navigable waters. To prevent the possible discharge of oil, in any form, into navigable waters or into the tributaries of such waters, Federal regulations require facilities storing or transferring oil to prepare an Oil Spill Prevention Control and Countermeasures Plan (SPCC Plan) and to fully implement this plan as soon as possible. Steel and concrete fuel storage tanks at the Navy's bulk fuel distribution facilities are now ecologically unsatisfactory because of navigable waters contamination. This was caused when Navy converted ships to the lighter middle distillate diesel fuel which seeps through numerous faults in the walls of tanks. In addition to tanks leaking, the fuel piping systems have deteriorated beyond environmentally safe limits and must be replaced. Hazardous Waste Storage Facilities - Owners and operators of hazardous waste transfer and storage facilities are required by the 1984 amendments to the Resource Conservation and Recovery Act (RCRA) to provide facilities meeting stringent standards. This requires that all hazardous waste be properly containerized, packaged, labelled and, if necessary, stored in approved facilities before final disposal. These facilities may not lawfully begin or continue transfer and storage activities until an effective RCRA permit is received. These projects provide facilities which comply with extensive technical and design standards as mandated by RCRA. (CONTINUED ON DD 1391C)		

1. COMPONENT	FY 1993 MILITARY CONSTRUCTION PROGRAM	2. DATE
Navy		
3. INSTALLATION AND LOCATION		
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS		
4. PROJECT TITLE	5. PROJECT NUMBER	
POLLUTION ABATEMENT FACILITIES	VARIOUS	
11. REQUIREMENT: (Continued)		
Air Emissions Control - The Clean Air Act Amendments of 1977, PL 95-95, reiterated the Congressional mandate to eliminate or reduce air pollution. State implementation plans have been formulated, and specific strategy to achieve the standards has been promulgated. Projects in this category will eliminate or reduce emission from steam and heating plant boilers, fire-fighting training schools, open sand-blasting and paint spraying operations, gasoline dispensing facilities, and industrial operations. The common pollutants include particulates, sulfur oxides, nitrogen oxides, hydrocarbons, photochemical oxidants (chiefly ozone) and carbon monoxide. All projects will be designed to the most stringent existing standard. In some instances, a notice of violation from the Local Air Pollution Board has been received by the activity. This can be expected to increase as air permits are processed with the states in accordance with the Clean Air Act Amendments of 1977.		
12. SUPPLEMENTAL DATA:		
A. ESTIMATED DESIGN STATUS: PROJECT DESIGNS CONFORM TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE".		
INDIVIDUAL PROJECT DESCRIPTIONS FOLLOW:		
(CONTINUED ON DD 1391C)		

1. COMPONENT NAVY	FY 1993 MILITARY CONSTRUCTION PROGRAM		2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS			
4. PROJECT TITLE POLLUTION ABATEMENT FACILITIES			5. PROJECT NUMBER VARIOUS
<u>CATEGORY CODE</u>	<u>PROJECT NUMBER</u>	<u>PROJECT TITLE/INSTALLATION/LOCATION</u>	<u>COST (\$000)</u>
<u>SOUTH CAROLINA</u>			
831.41	P-880	HAZARDOUS WASTE STORAGE AND TRANSFER FACILITY CHARLESTON SC NWS	600
This project provides a fully compliant and permitted hazardous waste storage and transfer facility meeting all Federal and State laws and codes controlling the generation, storage and transfer of materials. Hazardous wastes are collected from the origination points and stored for a period not to exceed one year, awaiting arrangements for transport off-station and permanent disposal. Hazardous materials presently generated include painting wastes and solvents, wastes generated aboard submarines, torpedo fuel wastes and ammunition wastes. The proposed facility will include segregated spill containment with controls, alarm system, sprinkler systems, safety equipment lockers and communications, as well as an office, chemical analysis laboratory, packaging and decontamination area for workers and equipment. The existing site does not have a roof; lacks ground stabilization both inside and outside, where loading occurs or where empty containers are stored; and has no containment berms. The facility is operating on an interim permit and may be closed by November 1992 if the State so directs. The existing facilities will undergo closure procedures.			
SUBTOTAL - SOUTH CAROLINA			600
<u>VIRGINIA</u>			
831.41	P-480	HAZARDOUS WASTE STORAGE FACILITY YORKTOWN VA NWS	1,100
Provides a facility for storage of hazardous wastes including flammables, oxidizing agents, reducing agents, acids, caustics, inorganics, and toxics generated at this Command by research and development activities, maintenance activities, station support groups, and logistic support groups. Presently, hazardous waste is stored in a modified open-sided storage shed. The building has been operating at maximum capacity since its modification. There is no existing electrical lighting system in the building. The communications systems are inadequate. Maintaining required aisle space between drums is a continuing problem due to limited capacity. The facility was not designed in accordance with Occupational Safety and Health Act and Environmental Protection Agency regulations and will not meet the projected need to support operations on the station and logistic support activities of this Command. Without this project, hazardous wastes will continue to be stored in an inadequate, unsafe and unapproved facility.			
SUBTOTAL - VIRGINIA			1,100
TOTAL - POLLUTION ABATEMENT FACILITIES			1,700