

CONFIDENTIAL--Unclassified upon removal of pages 11 and 12

*pages 11 & 12 have been removed
located in safe*

CAPACITY ANALYSIS

DATA CALL WORK SHEET

FOR NAVY BASE: SUBMARINE BASE PEARL HARBOR

BASE PRIMARY UIC: 00314

Category.....Operational Support

Sub-category.....Naval Bases

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

BRAC-95 CERTIFICATION DATA CALL SIX
SUBASE PEARL HARBOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD
NAME (Please type or print)


Signature

Commander In Chief
Title (Acting)

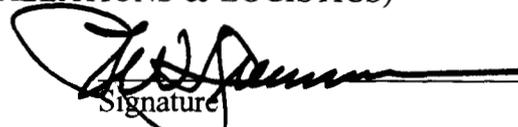
17 JUN 94
Date

U. S. Pacific Fleet
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

P. W. DREMPER
NAME (Please type or print)


Signature

ACTING
Title

6/24/94
Date

ENCLOSURE(3)

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

NEXT ECHELON LEVEL (if applicable)

J. M. Barr
NAME (Please type or print)
Commander
Title
Submarine Force, U.S. Pacific Fleet
Activity

JMBarr
Signature
5/27/94.
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Title

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print)

Title

Signature

Date

206

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

M. L. McHUGH, CAPT, USN
NAME (Please type or print)


Signature

Commanding Officer
Title

26 May 1994
Date

Naval Submarine Base
Activity

205

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

ACTIVITY COMMANDER

M. L. MCHUGH
NAME (Please type or print)

Commanding Officer

Title
Naval Submarine Base
Pearl Harbor, HI

Activity


Signature

5/3/94
Date

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

NEXT ECHELON LEVEL (if applicable)

T. J. ELLIOTT
NAME (Please type or print)
COMMANDER (Acting)
Title
COMSUBPAC
Activity

[Handwritten Signature]
Signature
10 May 94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Title

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print)

Title

Signature

Date

Naval Station Listing

Type	Title	Location
SUBMARINE BASE	NAVSUBBASE NEW LONDON	GROTON CT
NAVAL STATION	NAVAL STATION ANNAPOLIS	ANNAPOLIS MD
AMPHIBIOUS BASE	NAVPHIBASE LITTLE CREEK	NORFOLK VA
NAVAL STATION	NAVAL STATION NORFOLK	NORFOLK VA
SUBMARINE BASE	NAVSUBBASE KINGS BAY	KINGS BAY GA
NAVAL STATION	NAVAL STATION MAYPORT	MAYPORT FL
NAVAL STATION	NAVAL STATION PASCAGOULA	PASCAGOULA MS
NAVAL STATION	NAVAL STATION INGLESIDE	INGLESIDE TX
NAVAL STATION	NAVAL STATION ROOSEVELT ROADS	ROOSEVELT ROADS PR
SUBMARINE BASE	SUBMARINE BASE BANGOR	SILVERDALE WA
NAVAL STATION	NAVAL STATION EVERETT	EVERETT WA
NAVAL STATION	NAVAL STATION SAN DIEGO	SAN DIEGO CA
NAVPHIBASE	CORONADO CA	SAN DIEGO CA
NAVAL STATION	NAVAL STATION PEARL HARBOR	PEARL HARBOR HI
SUBMARINE BASE	SUBMARINE BASE SAN DIEGO	SAN DIEGO CA
SUBMARINE BASE	SUBMARINE BASE PEARL HARBOR	PEARL HARBOR HI
NAVAL STATION	NAVAL STATION GUAM	GUAM
<i>NAVAL AIR STATION</i>	<i>NAVAL AIR STATION NORTH ISLAND</i>	<i>SAN DIEGO CA</i>

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Data for Capacity Analysis

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9. List all **operating forces** and operational staffs (CARGRU, DESRON, SUBRON, etc.) not listed in questions 3 through 8 above that will be home based at your base at the end of the indicated fiscal years. For each unit provide the listed support requirements.

Table 9.1

Unit ID	Onboard FY 94 (PN)	Onboard FY 95 (PN)	Onboard FY 97 (PN)	Onboard FY 99 (PN)	Onboard FY 2001 (PN)	Indoor SF reqd	Outdoor SF reqd	Special Facilities required
COMSU B-PAC	335	327	324	322	322	61,797	N/A	N/A SEC COMM
COMSU B-RON ONE	88	87	87	87	87	16,995	N/A	N/A
COMSU B-RON SEVEN	49	47	47	47	47	16,995	N/A	N/A
AFDM-6 DELETE	155 0	155 0	155 0	155 0	155 0	N/A	N/A	N/A

TYCOM NOTE: FY94 NUMBERS REFLECT ACTUAL ON-BOARD STRENGTH. OUTYEAR NUMBERS REFLECT PROJECTED AUTHORIZED END-STRENGTH AS SHOWN ON TFMMS PRINTOUT DATED 26 APR 94.

TYCOM NOTE: DELETE AFDM 6 FROM TABLE 9.1 AS IT IS NOW CORRECTLY ENTERED ON TABLE 8.1.

SECURE COMM AS LISTED UNDER "SPECIAL FACILITY REQUIREMENTS" REFERS TO THE REQUIREMENT TO HAVE ACCESS TO A SECURE GENERAL SERVICE AND SCI CAPABLE COMMUNICATIONS FACILITY IN THE IMMEDIATE AREA AND TO HAVE SCI MATERIAL STORAGE CAPABILITY INTEGRAL TO THE HEAD QUARTERS BUILDING.

10. Reserve Support Capacities

10.a. List all **reserve units** (USNR, USMCR, USAFR, ANG, USAR, ARNG) that train at this installation.

Table 10.1

Reserve Unit	Training Function / Facilities Used
SUBASE Det 113	Submarine Maintenance, Repair / Various shops
SUBASE Det 220	Submarine Maintenance, Repair / Various shops
SUBASE Det 322	Submarine Maintenance, Repair / Various shops
SUBASE Det 409	Submarine Maintenance, Repair / Various shops
SUBASE Det 518	Submarine Maintenance, Repair / Various shops
SUBASE Det 618	Submarine Maintenance, Repair / Various shops
SUBASE Det 716	Submarine Maintenance, Repair / Various shops
SUBASE Det 822	Submarine Maintenance, Repair / Various shops
SUBASE Det 918	Submarine Maintenance, Repair / Various shops
SUBASE Det 1016	Submarine Maintenance, Repair / Various shops
AFDM6 Det 618	Submarine Maintenance, AFDM-6
COMSUBPAC Det 122	Administrative support, COMSUBPAC staff offices
COMSUBPAC Det 219	Administrative support, COMSUBPAC staff offices
COMSUBRON 1 Det 110	Administrative support, CSS-1 staff offices
COMSUBRON 7 Det 120	Administrative support CSS-7 staff offices

10.b. For each USNR and USMCR ship homeported or unit that trains at your facility, provide the number of **authorized billets and number of personnel actually assigned** to the unit for the past three fiscal years. Include both Selected Reserves (SELRES) and Training and Administration of Reserves (TAR) Navy / Full Time Support (FTS) Marine Corps reservists. Explain differences between authorized and actual manning.

Note:

A. Although we have no data available for FY-91 and FY-92, our reserve manning has not changed and the numbers for FY 91 and FY 92 are assumed to be roughly the same as they are in FY 93.

B. Difference between authorized and actual manning mainly due to turnover of personnel and recruiting shortfalls. Other specific causes not identified.

Table 10.2

Unit:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Unit: SUBASE Pearl Det 113, Great Lakes, IL												
Enlisted									52	0	48	0
Officer									3	0	4	0
Unit: SUBASE Pearl Det 220, Vallejo, CA												
Enlisted									53	0	50	0
Officer									3	0	3	0
Unit: SUBASE Pearl Det 322, Portland, OR												
Enlisted									35	0	33	0
Officer									3	0	3	0
Unit: SUBASE Pearl Det 409, Little Rock, AR												
Enlisted									51	0	50	0
Officer									2	0	2	0
Unit: SUBASE Pearl Det 518, Denver, CO												
Enlisted									47	0	41	0
Officer									3	0	3	0
Unit: SUBASE Pearl Det 618, St. Louis, MO												
Enlisted									55	0	52	0
Officer									3	0	3	0
Unit: SUBASE Pearl Det 716, St. Paul, MN												
Enlisted									77	0	76	0
Officer									4	0	4	0

Unit:	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Unit: SUBASE Pearl Det 822, Spokane, WA												
Enlisted									35	0	34	0
Officer									2	0	2	0
Unit: SUBASE Pearl Det 918, Kansas City, MO												
Enlisted									61	0	58	0
Officer									5	0	5	0
Unit: SUBASE Pearl Det 1016, La Crosse, WI												
Enlisted									31	0	28	0
Officer									2	0	2	0
Unit: AFDM-6 Det 618, Kansas City, MO												
Enlisted									33	0	30	0
Officer									2	0	2	0
Unit: COMSUBPAC Det 122, Portland, OR												
Enlisted									39	0	37	0
Officer									17	0	17	0
Unit: COMSUBPAC Det 219, San Diego, CA ¹												
Enlisted									32	0	32	0
Officer									23	0	22	0
Unit: COMSUBRON 1 Det 110, Houston, TX												
Enlisted									10	0	7	0
Officer									8	0	8	0
Unit: COMSUBRON 7 Det 120, Honolulu, HI												
Enlisted									10	0	9	0
Officer									7	0	7	0

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16. Intermediate Maintenance Activity Analysis.

Station Note: It should be noted that SUBBASE, Pearl Harbor contains the "associated IMA" as a department within the SUBBASE itself. This Data Call does not reflect our weapons IMA department, which is a tenant activity at NAVMAG Lualualei. Data to represent the weapons IMA department are included in Data Call #24, #25, etc, which will be submitted by NAVMAG Lualualei.

The following assumptions apply to our answers to questions #16 and #17:

We used FY 93 as a "baseline" to compute man-hours. For the various ship classes the following productive man-hours per upkeep were experienced: for 640 - 10,937, for 637 - 13,640, and for 688 - 16,586. We utilize 25% as a factor to determine work done by "voyage repair". We utilize a 0.65% utilization factor (that percentage of total manhours that are available for productive work). Our assumption for calculating productive man-hours includes the following NON-PRODUCTIVE man-hour estimates: administrative (5%), training (20%), liberty/leave (7%), medical/dental/etc (3%).

We utilize a 0.6% "support to production" ratio (that represents hours devoted to planning, QA, RADCON, etc). We use 2.7 upkeeps per year as our planning figure for all homeported submarines. This yields a factor to convert productive manhours to average manhours of $1.25 * 1/.65 * 1/.6 * 2.7 = 8.64$

In order to obtain AVERAGE MANHOURS PER YEAR we use the following formula:
(Prod m-hrs) * 8.64 (Total m-hrs/Prod m-hrs/upkeep)

Our assumption includes all voyage repairs, SRAs, DMPs, etc.

16.a. For **ship classes** currently homeported at your base and **serviced by an associated Intermediate Maintenance Activity**, list the following historical data:

IMA/UIC: SUBASE PEARL HARBOR / 00314

Table 16.1

Ship Class	Avg. man-hrs expended per ship per year (x1000)			Avg # of days in dock/yr for class operating cycle	Fleet reqd wks/year in availability per ship		
	FY91	FY92	FY93		FY91	FY92	FY93
637	83	146	118	20	16	16	20
640	135	210	95	20	16	16	20
688	0	0	144	20	16	16	20

16.b. List the **projected work load** at the same IMA for each class of ship.

Table 16.2

Ship class	Projected man hours (x1000) per ship per fiscal year													
	FY1995		FY1996		FY1997		FY1998		FY1999		FY2000		FY2001	
	# Ships	Man-hrs	# Ships	Man-hrs	# Ships	Man-hrs	# Ships	Man-hrs	# Ships	Man-hrs	# Ships	Man-hrs	# ships	Man-hr
637	6	118	6	118	4	118	3	118	0	118	0	118	0	118
640	1	95	1	95	1	95	1	95	0	95	0	95	0	95
688	11	144	15	144	19	144	21	144	18	144	18	144	20	144
SSN-21	0	0	0	0	0	0	0	0	0	0	0	0	1	130

16.c. If some **IMA level work is contracted to civilian (non-DON) activities**, provide the navy contract manager and estimate the equivalent man-hours of service provided by those contractors in the listed fiscal years. List projected contractor IMA workload for the fiscal years 1995 through 2001.

COMNAVSURFPAC manages a CIS contract that provides 4,000 man-hours of support to SUBASE on an annual basis. This level of effort is projected to continue through FY 2001.

MAINTENANCE SUPPORT CAPACITY

17. For any **Shore Based Intermediate Maintenance Facility**, list the following:

NOTE: This Data Call does not reflect our weapons IMA department, which is a tenant activity at NAVMAG Lualualei. Data to represent the weapons IMA department are included in Data Call #24, #25, etc, which will be submitted by NAVMAG Lualualei.

17.a. List the **size** and the condition of the **intermediate maintenance facility** located at the installation. CCN refers to the five digit category code number from NAVFAC P-80.

Table 17.1

Facility Name/ Function	CCN	Adequate (sq ft)	Substandard (sq ft)	Inadequate (sq ft)
Bldg 645 IMA Repair	213-30			12,638
Bldg 650 IMA Repair	213-30			3,256
Bldg 651 IMA Repair	213-30			20,240
Bldg 660 IMA Repair	213-30			54,000
Bldg 660 Ship/Spare	213-30			2,545
Bldg 661 Admin Ofc Fac	213-30			22,705
Bldg 683 Admin Ofc Fac	213-30			26,990 ¹
Bldg 1341 Dept/Div Ofc	213-30			33,836
Bldg 1232 RADCON Bldg	831-39			4508
Bldg 644 IMA Repair	213-77			6086
Bldg 674 Ship/Spares	213-77		7800	
Bldg 417 Ship/Spares	213-77		7171	
Bldg 1320 LOX/Nitrogen	143-77	2180		
Bldg 1716 Pure Water Fac	841-10	2310		
NEW IMA FACILITY *	213-30	169,764		
NEW CIF BUILDING **	831-39	18,680		

¹ Building 683 has only categorized as inadequate due to "logistic", i.e. it is located at an inefficient location to utilize it's capabilities. The facility is adequate in it's physical structure.

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate if current budget program includes any of the required funds.

* The NEW IMA FACILITY is currently nearing completion, with full occupancy projected for January 1995. It will replace Buildings 650, 651, 661, 1341, 644, and 674 which will then be made available for reutilization. Building 660 will be demolished in FY 95. Building 645 will be replaced under MILCON P-098/P-089.

TYCOM NOTE: CORRECT MILCON PROJECT IS P-089.

** The NEW CIF BUILDING will replace building 1232. The final disposition of building 1232 has not been determined due to on-going consolidation discussions with NAVSHIPYD, Pearl Harbor.

17.b. Assuming that the shore intermediate maintenance facilities can be **fully staffed** with appropriately skilled workers and procurement clerks and that sufficient funding is available for all parts support, what would be the maximum ship intermediate maintenance capability of this installation. For this question, assume that all currently programmed improvements are executed and assume that all current depot work remains at the depot level.

SUBASE is currently limited in their ability to refit submarines by the number of pier berths available. Currently we can support thirteen (13) submarines in refit at the same time.

17.c. What **plant modifications/facility improvements are budgeted** in Presidential Budget 1995 through FY 1997 (including all BRAC) that would improve the production work capability at the ashore intermediate maintenance facility? Provide a description, cost, and additional capacity (in man-hours) that could be realized.

Following completion of programmed MILCONs to add piers, SUBASE will be capable of supporting sixteen (16) submarines in refit at the same time. This increase in production work capability can be measured as $3 * 144,000$ or 432,000 additional man-hours in support for 688 class submarines.

17.d. Given **unconstrained funding** and manning levels, what **Industrial Plant Equipment (IPE)** would you change (add, delete, or modify) to increase the shore IMA production work capacity? Provide a description, cost estimates, and additional capacity (in man-hours per year) that could be realized.

Given pier limitations, additional IPE would not significantly increase IMA production work capacity.

17.e. Are there any environmental, legal or other **factors that inhibit further increase** in productive work capacity at the shore IMA (e.g. encroachments, pollutant discharge, etc.)? Provide details and possible solutions.

NO

17.f. State the percent of the maintenance work day lost to **military duties** (GMT, Training, etc.) during the normal day shift.

Our assumption for calculating productive man-hours includes the following NON-PRODUCTIVE man-hour estimates: administrative (5%), training (20%), liberty/leave (7%), medical/dental/etc (3%).

17.g. Provide the **man-hours expended by shore based intermediate maintenance activities** for the listed years in the following categories:

Note: Our documented figures for FY 1990 and FY 1991 are known to be significantly "under reported", due to differences in record keeping. Since these are objectively obtainable, we have included them, but they may skew an analysis.

Table 17.2

IMA: _00314_	FY 1990 (K man-hr)	FY 1991 (k man-hr)	FY 1992 (k man-hr)	FY 1993 (k man-hr)	FY 1994 ¹ (k man-hr)
Ship Modernization (non-nuclear)	23	22	13	32	30
Ship Modernization (nuclear)	30	41	39	35	28
Ship Repair (non-nuclear)	122	57	223	280	416
Ship Repair (nuclear)	5	11	239	291	250
Aircraft Maintenance	0	0	0	0	0
Facility/IPE Maintenance	12	36	143	164	150
Other Maintenance ²	0	0	0	0	0

¹ Projected man hours.

² Describe maintenance in this category.

SHIP SUPPORT CAPACITY

18. List the **government drydocks** (floating or graving) owned by the base or tenant activities. For each drydock indicate its maximum lift, ship classes for which NAVSEA has certified the dock, and number of days in use in FY 1991, 1992, 1993. Indicate the number of days climate prevented painting and preservation of docked ship external hull in FY 1993.

Note: We do not maintain documentation on days that were "climate limited", however no days could be recalled.

Table 18.1

Drydock	Maximum Capacity	Ship Classes that can be Docked ¹	Days in use			Climate Limited days		
			FY 91	FY 92	FY 93	FY 91	FY 92	FY 93
AFDM 6	10,000 Lifting TON	637,640,688, Barges, 594, TWR, and Spruance DDs	146	348	287	0	0	0

¹ NAVSEA certification for docking.

19. Provide the same data for **commercial drydocks** in the harbor complex.

Note: Although not within the confines of SUBASE, there are numerous drydocks available at NAVSHIPYD, Pearl Harbor (which is adjacent to SUBASE).

Table 19.1

Drydock	Maximum Capacity	Ship Classes that can be Docked ¹	Days in use ²			Climate Limited days		
			FY91	FY92	FY93	FY91	FY92	FY93
NONE								

¹ NAVSEA certification for docking.

² Days in use supporting DOD ships.

22. State the number of ship sets of **CV or CVN mooring camels** at your facility. State the number of ship sets of **SSN or SSBN camels** at your facility.

- CV or CVN -- None.

- SSN or SSBN -- (40) in the process of receiving (10) additional camels from the shipyard.

PERSONNEL SUPPORT

23. Training Facilities

Note: Question number 23 represents submission from NSTC-PAC, a tenant activity of SUBASE. Although SUBASE conducts training in administrative and industrial areas throughout SUBASE, no designated facility (other than NSTC-PAC is dedicated to training.

23.a. By Category Code Number (CCN), complete the following **student throughput capacity** table for all **training facilities** (adequate, substandard and inadequate) aboard the installation including tenant activities. Include all 171-xx, 179-xx CCN's and any other applicable CCN. Following the table, describe how the Student Hours/Yr capacity is derived.

TYCOM NOTE: AS PART OF THE REALIGNMENT OF SSNs IN PACFLT RESULTING IN A CADRE OF BETWEEN FOUR AND SIX SSNs IN SAN DIEGO BY THE END OF FY98, THE FOLLOWING TRAINING EQUIPMENT WILL BE TRANSFERRED FROM SAN DIEGO TO NSTC-PAC IN FY97. PLANNING INFORMATION IS INCOMPLETE AND DOES NOT ALLOW FOR ESTIMATING THE INCREASE IN STUDENT CAPACITY OR IMPACT ON OTHER CLASSES (LOSS OF CLASS ROOM SPACE, ETC). 37 BILLETS WILL TRANSFER WITH THESE FUNCTIONS. ADDITIONALLY, SOME PEOPLE IN SAN DIEGO WILL HAVE TO TRAVEL TAD TO PEARL HARBOR TO RECEIVE TRAINING.

- *BYS-1* TEAM TRAINER
- BQQ-5E MAINTENANCE TRAINER
- CCS MK 2 TEAM TRAINER
- TELETYPE LAB
- 6L16C1 GENERATOR, ELECTROLYTIC
- TD 21B1 MK 63 REAR SECTION
- URT 23D
- WLR-1 ELECTRONIC WARFARE TRAINER
- 21A43 CCS MK 1 FIRE CONTROL TEAM TRAINER

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For example: in the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

Table 23.1

Parent UIC	CCN	Type Training Facility	Total #	Capacity (PN) ¹	Capacity (Student HRS/YR)
63154	171-20	BLDG 1262 APPL INSTR	16	25	800,000
63154	171-20	BLDG 1262A APPL INSTR	10	25	500,000
63154	171-20	BLDG 1378 APPL INSTR	17	25	850,000
		TOTAL			2,150,000 HRS/YR

¹Personnel Capacity is the total number of seats available for students in spaces used instruction based on the current configuration and use of the facilities.

NOTE: 25 is used as a standard for (PN)1, student hours per year is based upon 250 training days per year vice 300 used in the example.

Naval Station Capacity Analysis Data Call

UIC: 00314

23.b. By facility Category Code Number (CCN), provide the number of hours per year of classroom time required for each course of instruction taught at formal schools on your installation. Include all applicable 171-XX and 179-xx CCN's.

CCN: AS LISTED

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 1998 (Vice 2001) Requirements		
			A	B	C	A	B	C
171-20/BLDG 1262	APPL INSTR LAB/THRY (15 CRS)	A-130-0020 SSSA	49	160	7840	0 PC 9/95	160	0
		A-130-0254 BQQ-5 SON SUPERV	38	104	3952	0 PC 9/95	104	0
		A-130-0320 AN/BQQ-5C ADV OP	36	117	4212	0	117	0
		F-000-0061 SCTT	1150	7	8050	1864	7	13048
		L-00-0016 CCS MK1 ATC	5168	4	20672	5565	4	22260
		L-2E-0025 SONAR TACT REF	93	4	372	250	4	1000
		L-000-0013 AUX PLOT	49	32	1568	30	32	960
		L-000-0026 HYP PLOT/RANG TK	33	8	264	30	8	240
		L-000-0066 GEO PLOTTER/EVAL	43	40	1720	53	40	2120
		L-000-0067 TB PLOT	15	40	600	35	40	1400
		L-150-0002 AN/UYK-7 DIAG MA	55	200	11000	0 PC 9/95	200	0
		L-210-0015 BQQ-5 SER TM TR	1436	4	5744	780	4	3120
		L-772-0018 PILOT TEAM TRAIN	515	4	2060	172	4	688

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		L-2E-0010 PROS SUB CO	0	648	0	40	648	25920
		L-210-0023 CCS MK1/BQQ5 T/T	6153	4	24612	4180	4	16720
TOTAL # HRS INST FOR BLDG 1262					92666			87476
171-20/BLDG 1262A	APPL INST LAB/THRY (16 CRS)	A-061-0020 PILOT ADV NAV	16	28	448	16	28	448
		A-061-0021 VOY PLAN ADV NAV	17	28	476	16	28	448
		A-061-0022 CELEST ADV NAV	19	40	760	16	40	640
		A-130-0020 SSSA	49	160	7840	0 PC 9/95	160	0
		A-130-0236 NSDTC CMB MAINT	21	24	504	16	24	384
		A-130-0251 ENL SON PRIN	41	72	2952	6	72	432
		A-130-0254 BQQ- 5 SON SUPERV	38	104	3952	0 PC 9/95	104	0
		A-130-0290 BQH- 5V4 CMB MA	24	160	3840	0 PC 9/95	160	0
		A-130-0319 ACOUST ANALYSIS	52	80	4160	0 PC 9/95	80	0
		A-130-0320 AN/BQQ-5C ADV OP	36	117	4212	0	117	0
		L-130-0021 JMSDF SUBSONPRIN	18	240	4320	1	240	240
		L-130-0331 SENIOR SONAR/LPO	4	40	160	0	40	0
		L-00-0017 POSTOVER REF TRA	237	4	948	420	4	1680

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		L-00-0018 SUB TRA B/DEPLOY	511	4	2044	420	4	1680
		L-2E-0010 PROS SUB CO	0	648	0	40	648	25920
		L-2E-0032 ARCTIC OPS	25	24	600	200	24	4800
TOTAL # HRS INST FOR BLDG 1262A					37216			36672
171-20/BLDG 1378	APPL INSTR LAB/THRY (11 CRS)	A-100-0069 DIG CMPTR/MICROP	16	80	1280	38	80	3040
		A-102-0127 BRD- 7 CMB MA	24	520	12480	30	520	15600
		A-102-0157 TYPE 18 CMB MA	7	120	840	9	120	1080
		A-233-0027 WLR- 8(V) BAS OP	23	80	1840	25	80	2000
		A-233-0028 BRD- 7 BAS OP	12	36	432	22	36	792
		A-233-0040 WLR- 8(V)2 CMB MA	21	560	11760	20	560	11200
		A-233-0051 WLQ- 4 DSE BA OP	42	153	6426	25	153	3825
		A-233-0053 Q4 DSE PREDEPOY	24	56	1344	44	56	2464
		A-233-0058 AN/WLR-8 OP EMPL	18	40	720	48	40	1920
		A-233-0059 AN/WLQ-4 OP/EMPL	11	40	440	14	40	560
		A-400-0010 PERIS PHOTO	48	80	3840	66	80	5280
TOTAL # HRS INST FOR BLDG 1378					41402			47761
TOTAL # HRS INST FOR ALL BLDGS					171284			171909

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A = Students per year

B = Number of hours each student spends in this training facility for each course

C = A X B = Number of hours of instruction

NOTE: PC MM/YY INDICATES PLANNED CANCELLATION AND EFFECTIVE DATE.

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

No additional capacity will be gained.

23.c. Assume all **planned MILCON** in Presidential Budget 1995 through FY 1997 and BRACON is completed as scheduled. What **additional training capacity** (in student hours per year) will be gained? Provide budgeted cost and details of all additional capacity calculations.

There is no planned MILCON. No additional training capacity would be gained.

23.d. What additional unfunded MILCON requirements could be added to increase training capacity? Provide the estimated cost and capacity gained and the basis of the values.

There are no existing unfunded requirements to be added.

TYCOM NOTE: AS NOTED BY THE TYCOM UNDER BASIC QUESTION 23, PLANS ARE TO RELOCATE SEVERAL TRAINERS FROM SAN DIEGO TO PEARL HARBOR AS PART OF THE SSN REALIGNMENT. PLANNING INFORMATION ON FILE DOES NOT REFLECT ANY MILCON REQUIRED TO SUPPORT THIS RELOCATION.

23.e. List and explain the **limiting factors** that further funding for personnel, equipment, facilities, etc. cannot overcome.

None.

PERSONNEL SUPPORT

24.a. Provide data on the **BOQs and BEQs** assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-02, O3 and above.

Table 24.1

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ, 654, 72112	388 405	188 189	240 377	51,030 59,737	28	2610	148 0	300 0
BEQ, 1330A, 72111	132	33	132	13,068 7,953				
BEQ, 1330B, 72111	120	30	120	11,880 7,230				
BEQ, 1334, 72112	66	33	66	9,768 9,009				
BEQ, 1335A, 72111	132	33	132	13,068 7,953				
BEQ, 1335B, 72111	120	30	120	11,880 7,230				
BEQ, 1367, 72111	96	32	96	9,920 7,328				
BEQ, 1368, 72111	96	32	96	9,920 7,328				
BEQ, 1496	4	4	4	1,016 1,012				
BEQ, 1497, 72112	48	48	48	12,144				
BEQ, 1626, 72112	64	32			64	7,904		
BEQ, 1627, 72112	64	32			64	7,904		
BOQ, 1729, 724111	52	52	52	1,995 14,664				
BEQ, 1628, 72112	64	32			64	7,904		
BEQ, 1723, 72111	624	312	624	69,576 56,472				
BOQ, 662, 72412	39	39	16	7,200 6,464	23	4,600 4,462		

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Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BOQ, 1366, 72411	48	48	48	14,304				
BOQ, 1729, 72412	1	1	1	492				

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

- A. FACILITY TYPE/CODE:
- B. WHAT MAKES IT INADEQUATE?
- C. WHAT USE IS BEING MADE OF THE FACILITY?
- D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

TYCOM NOTE: PER DISCUSSIONS WITH THE INSTALLATION DURING THE PREPARATION OF THE TABLE 24.1, IT WAS AGREED THAT BUILDINGS 654, 1626, 1627 AND 662 ARE "SUBSTANDARD" AND NOT "INADEQUATE" AS DEFINED BY NAVFACINST 11010.44E. THE STATION AGREED, MOVED THE DATA TO SUBSTANDARD FOR BUILDINGS 1626, 1627 AND 662, BUT DID NOT MOVE THE DATA FOR BUILDING 654 NOR DELETE THE SUPPORTING JUSTIFICATION SHOWN BELOW FOR THESE BQs. ADDITIONALLY, NET SQUARE FOOTAGE PROVIDED BY INSTALLATION WAS INCORRECT AND HAS BEEN CORRECTED BY THE TYCOM. THE TYCOM HAS ENTERED THE CORRECT DATA FOR BUILDING 654 UNDER SUBSTANDARD. THE SUPPORTING JUSTIFICATION HAS BEEN LEFT IN BUT SHOULD NOT BE INCLUDED AS PART OF FOLLOW-ON REVIEWS.

BUILDING 654

- A. FACILITY TYPE/CODE: BEQ/72112
- B. WHAT MAKES IT INADEQUATE?
 - The personnel housed in this building are not being berthed in accordance with the FY93 standards. This building does not meet the standards due to too many personnel per room and the square footage requirements not being met. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E5-6 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

- The estimated cost to upgrade this building to meet the latest quality of life criteria is \$5,500,000.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

- The building can be renovated to house E-1/E-4 personnel and the estimated cost will be \$5,500,000.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

- Currently, there is a special project sub-divided into five phases to repair/modernize the units. The first phase is in programming for FY94 and the cost is \$500,000.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Yes.

BUILDINGS 1626, 1627, 1628

A. FACILITY TYPE/CODE: BEQ/72112

B. WHAT MAKES IT INADEQUATE?

- The personnel housed in this building are not being berthed in accordance with the FY93 standards. These buildings do not meet the square footage requirements. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E-5/6 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

- The approximate cost to upgrade each building to meet the latest quality of life criteria is \$200,000.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

- Each building can be used by E-1/E-4 without any renovation work or no cost.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

- No current improvement plans is required at this time. The buildings were just repaired.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

BUILDING 662

- A. FACILITY TYPE/CODE: BOQ/72412
- B. WHAT MAKES IT INADEQUATE?
- Twenty three rooms share two heads. This is inadequate in officers quarters under any standard.
- C. WHAT USE IS BEING MADE OF THE FACILITY?
-The rooms are being used on a voluntary basis by transient guests and geographical bachelors.
- D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- The estimated cost to upgrade the substandard units to meet the latest quality of life criteria is \$2,600,000.
- E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- 03 and above personnel will use this facility.
- F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- The proposed improvement plan is to renovate the substandard units for an estimated cost of \$2,600,000.
- G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Yes.

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24.c. Provide data on the **BOQs and BEQs projected** to be assigned to your plant account **in FY 1997**. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-02, 03 and above.

Table 24.2

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ, 654, 72112	199	199	198	53,730 62,207	1	140		
BEQ, 1330A, 72111	132	33			132	13,068 7,953		
BEQ, 1330B, 72111	120	30			120	11,880 7,230		
BEQ, 1334, 72112	66	33			66	9,768 9,009		
BEQ, 1335A, 72111	132	33			132	9,669 7,953		
BEQ, 1335B, 72111	120	30			120	11,880 7,230		
BEQ, 1367, 72111	96	32			96	9,920 7,328		
BEQ, 1368, 72111	96	32			96	9,920 7,328		
BEQ, 1496, 72112	4	4	4	1,016 1,012				
BEQ, 1497, 72112	48	48	48	12,144				
BEQ, 1626, 72112	64	32			64	7,904		
BEQ, 1627, 72112	64	32			64	7,904		

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Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BOQ, 1729, 724111	399	52	399 52	20,748 14,664				
BEQ, NEW, 72111/2	378	264	378	47,520				
BEQ, 1628, 72112	64	32			64	7,904		
BEQ, 1723, 72111	312	312			312 624	69,576 56,472		
BOQ, 662, 72412	39	39	16	7,200 6,464	23	4,600 4,462		
BOQ, 1366, 72411	48	48	48	14,304				
BOQ, 1729, 72412	1	1	1	492				

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

Change
N4644-
N3A-
CPF

- A. FACILITY TYPE/CODE:
- B. WHAT MAKES IT INADEQUATE?
- C. WHAT USE IS BEING MADE OF THE FACILITY?
- D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

BUILDING 654

A. FACILITY TYPE/CODE: BEQ/72112

B. WHAT MAKES IT INADEQUATE?

- The personnel housed in this building are not being berthed in accordance with the FY96 standards. This does not meet standards due to too many personnel per room. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E5-6 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

- The estimated cost to upgrade this building to meet the latest quality of life criteria is \$5,500,000.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

- The building can be renovated to house E-1/E-4 personnel and the estimated cost will be \$5,500,000.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

- Currently, there is a special project sub-divided into five phases to repair/modernize the units. The first phase is programming for FY94 and the cost is \$5,500,000.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Yes.

BUILDINGS 1330A/B

A. FACILITY TYPE/CODE: BEQ/72111

B. WHAT MAKES IT INADEQUATE?

- The personnel housed in this building are not being berthed in accordance with the FY96 standards. This does not meet standards due to too many personnel per room. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E1-4 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

- The approximate cost to upgrade each building to meet the latest quality of life criteria is \$4,900,000.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

- The building can be renovated to house E-5/E-6 personnel and the estimated cost each building will be \$5,100,000.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

- The proposed project for each building is to repair/renovate the units. The first phase of each building is programmed for FY95 and the cost is \$2,010,000 each.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Yes.

BUILDING 1334

A. FACILITY TYPE/CODE: BEQ/72112

B. WHAT MAKES IT INADEQUATE?

- The personnel housed in this building are not being berthed in accordance with the FY96 standards. This does not meet standards due to too many personnel per room. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E5-6 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

- The estimated cost to repair and renovate this building to meet the latest quality of life criteria is \$1,350,000.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

- The building can be used for E-1/E-4 personnel, 2 person per room and the cost will be \$1,200,000.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

- It is proposed to repair and renovate this building for FY95 accomplishment with an estimated cost of \$1,350,000.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Yes.

BUILDINGS 1335A/B

A. FACILITY TYPE/CODE: BEQ/72111

B. WHAT MAKES IT INADEQUATE?

- The personnel housed in this building are not being berthed in accordance with the FY96 standards. This does not meet standards due to too many personnel per room. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E1-4 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

BUILDINGS 1367/1368

A. FACILITY TYPE/CODE: BEQ/72111

B. WHAT MAKES IT INADEQUATE?

- The personnel housed in this building are not being berthed in accordance with the FY96 standards. This does not meet standards due to too many personnel per room. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E1-4 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

- The estimated cost to repair and renovate each building to meet the latest quality of life criteria is \$1,675,000.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

- The buildings can be renovated to house E-5/E-6 personnel and the estimated cost each building will be \$2,100,000.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

- The proposed project to repair and renovate the building is programmed for FY96 with an estimated cost of \$1,675,000 each building.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Yes.

BUILDING 1723

A. FACILITY TYPE/CODE: BEQ/72111

B. WHAT MAKES IT INADEQUATE?

- The personnel housed in this building are not being berthed in accordance with the FY96 standards. This does not meet standards due to too many personnel per room. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E-1/E-4 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

- The approximate cost to upgrade this building to meet the latest quality of life criteria is \$2,500,000.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

- Because of the building structure, it can be used for E-1/E-4 personnel only.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

- No current improvement plans is required at this time. The building is being repaired and maintained with a total cost of \$750,000.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

BUILDINGS 1626, 1627, 1628

A. FACILITY TYPE/CODE: BEQ/72112

B. WHAT MAKES IT INADEQUATE?

- The personnel housed in this building are not being berthed in accordance with the FY96 standards. This does not meet standards due to too many personnel per room and square footage requirements. Single crew submarines are not entitled to BAQ/VHA, and there is not sufficient space to house on the ship, therefore we have a positive requirement to house them inadequately.

C. WHAT USE IS BEING MADE OF THE FACILITY?

- This building is used to house E-5/6 personnel.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

- The approximate cost to upgrade each building to meet the latest quality of life criteria is \$200,000.

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E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- Each building can be used by E-1/E-4 without any renovation work or no cost.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- No current improvement plans is required at this time. The buildings were just repaired.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

BUILDING 662

A. FACILITY TYPE/CODE: BOQ/72412

B. WHAT MAKES IT INADEQUATE?
- Twenty three rooms share two heads. This is inadequate in officers quarters under any standard.

C. WHAT USE IS BEING MADE OF THE FACILITY?
-The rooms are being used on a voluntary basis by transient guests and geographical bachelors.

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- The estimated cost to upgrade the substandard units to meet the latest quality of life criteria is \$2,600,000.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- 03 and above personnel will use this facility.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- The proposed improvement plan is to renovate the substandard units for an estimated cost of \$2,600,000.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? Yes.

TYCOM NOTE: THE NET SQUARE FOOTAGE PROVIDED BY INSTALLATION IS INCORRECT AND HAS BEEN CORRECTED BY THE TYCOM. CORRECT DATA SHOWN IN BOLD. DATA CONFIRMED WITH INSTALLATION ON 10 MAY 94.

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25.a. Provide data on the **messing facilities** assigned to your current plant account.

Table 25.1

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Galley, 72145, 654/655	37,000			370	6,320			475

Note: Galley is contiguous in buildings #654 and #655.

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

- A. FACILITY TYPE/CODE:
- B. WHAT MAKES IT INADEQUATE?
- C. WHAT USE IS BEING MADE OF THE FACILITY?
- D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

25.c. Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

Table 25.2

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Galley, 72145, 654/655	37,000	380	37,000	370	6,320			475

Note: Galley is contiguous in buildings #654 and #655.

¹ Because the MILCON does not cover the entire galley, only the kitchen areas, the facility remains categorized as substandard.

TYCOM NOTE: PER THE FACILITY PLANNING DOCUMENTS AND THE 1391 FOR MILCON PROJECT P-126, THE ENTIRE GALLEY WILL BE "ADEQUATE" UPON COMPLETION OF THE PROJECT. THIS WAS CONFIRMED WITH THE STATION ON 09 MAY 94.

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

- A. FACILITY TYPE/CODE:
- B. WHAT MAKES IT INADEQUATE?
- C. WHAT USE IS BEING MADE OF THE FACILITY?
- D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

26. For military **married family housing assigned to your plant account** provide the following information: **N/A**

Table 26.1

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+				
Officer	3				
Officer	1 or 2				
Enlisted	4+				
Enlisted	3				
Enlisted	1 or 2				
Mobile Homes					
Mobile Home lots					

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the housing is inadequate; indicate how the housing is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds.

27. For personnel assigned to your base and tenant activities who live in **government quarters other than yours**, indicate the plant account holder UIC for their quarters.

28. Provide the following information on **base infrastructure** capacity and load.

Table 28.1

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	38,400	NONE	13,600	14,200
Natural Gas (CFH)	N/A	N/A	N/A	N/A
Sewage (GPD)	500,000	NONE	165,700	288,900
Potable Water (GPD)	10,150,000	NONE	261,600	458,600
Steam (PSI & lbm/Hr)	N/A	N/A	N/A	N/A
Long Term Parking	0	N/A	N/A	N/A
Short Term Parking	1990	NONE	1592	1791

TYCOM NOTE: ON BASE CAPACITY DOES NOT REFLECT CURRENT CAPACITY BUT REFLECTS PROJECTED CAPACITY UPON COMPLETION OF ON-GOING MILCON AND INSTALLATION CO AUTHORITY PROJECTS WHICH WILL BE COMPLETED DURING FY95. CONFIRMED WITH INSTALLATION ON 09 MAY 94.

29. Provide the maintenance, repair, and equipment expenditure data indicated in the following table for FYs 1985 - 1997

Table 29.1

Activity: SUBASE, Pearl Harbor

UIC: 00314

Fiscal Year	MRP (\$) ¹ (\$000)	CPV (\$) ² (\$000)	ACE (\$) ³ (\$000)
FY1985	N/A	N/A	N/A
FY1986	2,084	N/A	N/A
FY1987	2,658	N/A	N/A
FY1988	4,096	N/A	N/A
FY1989	4,796	N/A	N/A
FY1990	5,912	N/A	N/A
FY1991	6,570	N/A	N/A
FY1992	5,309	N/A	N/A
FY1993	5,393	414,642	N/A
FY1994	9,236	517,976	26,138
FY1995	7,133	530,252	N/A
FY1996	7,141	599,198	N/A
FY1997	8,274	612,740	N/A

¹ **MRP:** Maintenance of Real Property Dollars is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs, and minor construction (non-MILCON). It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition.

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

³ **ACE:** Acquisition Cost of Equipment is the total cumulative acquisition cost of all "personal Property" equipment which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

- Notes associated with our response: (1) **MRP** - Records maintained at SUBASE Office only go back to FY86; (2) **CPV** - No data is available for FYs 85 through 92; (3) **ACE** - SUBASE data base of "personal property" is not programmed to capture requested information by year. The ACE reported is for our inventory as of 29 Apr 94.

30. Real Estate Resources. Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

Table 30.1: **Real Estate Resources**

Site Location: SUBASE, PEARL HARBOR, HAWAII

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	36	36	N/A	N/A
Operational	8	8	N/A	N/A
Training	3	3	N/A	N/A
R & D	N/A	N/A	N/A	N/A
Supply & Storage	5	5	N/A	N/A
Admin	8	8	N/A	N/A
Housing	18	18	N/A	N/A
Recreational	8	8	N/A	N/A
Navy Forestry Program	N/A	N/A	N/A	N/A

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UIC: 00314

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Navy Agricultural Outlease Program	N/A	N/A	N/A	N/A
Hunting/Fishing Programs	N/A	N/A	N/A	N/A
Other	39 ¹	39	N/A	N/A
Total:	125	125	N/A	N/A

¹ Because Table 30.1 asked for acreage by mission area and not Investment Code or CCN, the table did not take into account common areas such as roads, parking lots and other paved areas. The station broke down the mission areas to the exact acreage, but did not include a percentage of the common areas in each mission area. Therefore, the total of the table did not equal the total of base. To correct this discrepancy, the station listed the common areas, which includes roads and parking lots, under "other". Note that this acreage is not available for development.

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Weapons and Munitions Capacity

31. Does your activity perform any stowage or maintenance on any of the following ordnance commodities types: (Y/N) YES

(If YES, answer the question 31.a through 31.d; if NO skip to question 32)

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

31. Ordnance Stowage and Support

Note: SUBBASE, Pearl Harbor runs a weapons Intermediate Maintenance Activity (IMA) function as one of our departments. Our Weapons IMA department is located on Naval Magazine, Lualualei property. While this Weapons IMA mission and functions are not reflected in this data call, the mission and functions performed there are an integral part of the total SUBBASE mission and functions.

TYCOM NOTE: WEAPONS IMA DATA IS BEING SUBMITTED TO NAVMAG LUALUALEI FOR INCLUSION IN THEIR DATA CALL NUMBER 25. ALL CLASS I AND II PROPERTY FOR SUBBASE PEARL HARBOR WEAPONS IMA FUNCTIONS IS OWNED BY NAVMAG LUALUALEI.

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

Table 31.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
Armory Magazine	.9255	288	SAME	SAME	1.013	288

31.b. For each Stowage facility identified in question 31.a above, identify the type of facility (specify if "igloo", "box", etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

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

Table 31.2: Total Facility Ordnance Stowage Summary

Facility Number/Type (See Comments)	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
683/MAGAZINE	A 475	TRAINING	SAME
683/MAGAZINE	A 071	TRAINING	SAME
683/MAGAZINE	A 130	TRAINING	SAME
683/MAGAZINE	A 011	TRAINING	SAME

Additional comments:

As shown in NAVFAC P-164 printout dated 30 Sep 1993, the magazine in building 683 is classified as an "armory", CCN 143-45.

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

Table 31.3: Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
683/A 011	I	5.55	Y	N	N/A
683/A 071	I	41	Y	N	N/A
683/A 130	I	71	Y	N	N/A
683/A 475	I	78	Y	N	N/A
TOTAL		195.55	Y	N	N/A

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

Previously discussed pier shortage is the only major deficiency.

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

Table 31.5: Related Ordnance Support

Related Functions	Performed ? (Y / N)	Type of Commodity	DLMHs
Maintenance (specify level)	N	N/A	N/A
Testing	N	N/A	N/A
Manufacturing	N	N/A	N/A
Outload	N	N/A	N/A
Technical Support	N	N/A	N/A

32. Do you have the ability to operate and maintain naval aircraft?

(Y/N) NO

(If YES, answer questions 33 through 48: if NO data call is complete.)

DATA CALL 1: GENERAL INSTALLATION INFORMATION

1. ACTIVITY: Follow example as provided in the table below (delete the examples when providing your input). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

• Name

Official name	<u>Naval Submarine Base, Pearl Harbor, HI</u>
Acronym(s) used in correspondence	<u>SUBASE Pearl Harbor</u>
Commonly accepted short title(s)	<u>SUBASE</u>

• Complete Mailing Address

Naval Submarine Base, Pearl Harbor, Hawaii, 96860-6500

• PLAD

SUBASE PEARL HARBOR HI

• PRIMARY UIC: N00314 (Plant Account UIC for Plant Account Holders)

• ALL OTHER UIC(s):	<u>N39290</u>	PURPOSE:	<u>Maintenance and Support</u>
	<u>N44944</u>		<u>Weapons IMA</u>
	<u>N31756</u>		<u>TW6</u>
	<u>N42366</u>		<u>TW8</u>
	<u>N47298</u>		<u>TR3</u>
	<u>N47300</u>		<u>TR10</u>
	<u>N46203</u>		<u>Security</u>
	<u>N47335</u>		<u>Self-Help</u>

2. PLANT ACCOUNT HOLDER:

• Yes X No _____ (check one)

Activity: N00314

3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes X No (check one)

• **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

- Yes No X (check one)
- Primary Host (current) UIC:
- Primary Host (as of 01 Oct 1995) UIC:
- Primary Host (as of 01 Oct 2001) UIC:

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• **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes No X (check one)

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4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC
N/A		

Activity: N00314

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
N/A				

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

No

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

Current missions

- Provide logistic support for 19 homeported 688, 640, and 637 Class submarines.
- Provide host support services for foreign flag submarines.
- Operate and maintain small boats and utility craft in support of submarine operations and inter-service training exercises.
- Coordinate and manage submarine berthing to include tie-up and logistic requirements.
- Provide and maintain dining and berthing facilities for assigned personnel, transient personnel, and personnel assigned to homeported and supported units.
- Perform intermediate level maintenance on homeported and transient submarines.
- Perform intermediate level repair to submarines undergoing depot modernization periods (DMP) and selective restricted availabilities (SRA) in support of extended overhaul cycles.
- Perform underwater inspections and repairs.
- Provide repairs to higher performance electronic modules to include submarine, surface, and aviation electronic modules.
- Perform repair and maintenance of nuclear systems and components.
- Accomplish resin discharges for tended submarines.
- Produce and provide oxygen and nitrogen charges for tended submarines.
- Provide intermediate level maintenance of torpedo weapons.
- Perform depot level maintenance on torpedo mounted dispensers.
- Load and support vertical launch systems (VLS) weapons.

- Provide Dry Dock Shelter (DDS) backfits.
- Provide crane services in support of submarine repairs.
- Provide radiation health services.
- Provide and administer an Occupational Safety Program.
- Provide administrative and personnel support for assigned military and civilian personnel.

Projected Missions for FY 2001

Current planned growth includes the homeporting of eleven (11) additional submarines by the year 1998.

- The scope of the mission and functions of SUBASE is not projected to change, however the projected workload is expected to increase.

- Submarine repair and maintenance requirements will increase by a minimum of 60%.

- Personnel and support requirements to meet increased workload would increase by a minimum of 60%.

Three proposals are currently under review which, if implemented, would dramatically alter planned growth projections.

1) "Single siting" of all Pacific submarines:

- Mission and function would remain the same.
- An additional 11 submarines would be homeported in Pearl Harbor.
- Repair and maintenance requirements would increase by 60%.
- Personnel and support requirements would increase by 60%.

2) SHOREPAC concept:

- Intermediate Maintenance Activity (IMA) would become a separate command, reporting directly to COMSUBPAC.

- Approximately 66% of current personnel assets (1000 personnel) would remain with the IMA. 33% of current personnel assets would transfer to the new shore command.

3) IMA consolidation:

- Pearl Harbor surface ship (SIMA) and submarine repair facilities would consolidate into one activity.
- Scope of mission and functions would expand to include surface ship repair and maintenance.
- Personnel assets from both activities would remain with consolidated activity.
- Impact would be organizational and administrative.

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- Intermediate maintenance for Navy, Army, Air Force and Marine Corps activities as part of the Hawaii Joint Inter-operability Agreement.
- Accomplishment of resin discharges. This function is normally accomplished at a shipyard. SUBASE's resin discharge capability provides a cost avoidance of \$500K for each discharge.
- Screening and repair of high performance electronic modules. One of only two module repair activities, SUBASE has documented a gross cost avoidance of \$2.6M.
- Backfit of dry dock shelters. Dry dock shelters support classified submarine operations.

Projected Unique Missions for FY 2001

- Resin discharges: The number of resin discharges will be directly related to the number of homeported submarines.
- High performance electronic repair: Repair requirements for higher electronic modules will correlate to the technological improvements and increased integration into all ships, combat, and aviation systems.

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9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

• Operational name	UIC
<u>Commander Submarine Force Pacific</u>	<u>57020</u>
• Funding Source	UIC
<u>Commander Submarine Force Pacific</u>	<u>57020</u>

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian
• Reporting Command	<u>45</u>	<u>1,481</u>	<u>130</u>
• Tenants (total)	<u>475</u>	<u>3,100</u>	<u>115</u>

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Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian	Non DOD
• Reporting Command	<u>45</u>	<u>1,184</u>	<u>139</u>	
• Tenants (total)	<u>431</u>	<u>3,033</u>	<u>119</u>	<u>0</u>

Activity: N00314

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• Commanding Officer <u>CAPT Michael L. McHugh</u>	(808) 471-0702	(808) 471-2752	(808) 422-6264 (Unlisted)
• Duty Officer	(808) 471-2770	(808) 471-2765	[N/A]
• Executive Officer <u>CDR Eugene M. DuCom</u>	(808) 471-9962	(808) 471-2752	(808) 455-4622
• BRAC-95 Project Officer/Comptroller <u>CDR John O. Haima</u>	(808) 471-9049	(808) 471-2706	(808) 247-6698
• Alternate BRAC-95 Project Officer/SCE <u>LTJG Daniel D. Leonard</u>	(808) 474-6509	(808) 471-2969	(808) 833-5195

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of 30 September 1994, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NAVINTCOM COMSUBPAC	N33300	0	19	0
COMSUBPAC Sea Duty Component	N35308	0	0	0
COMSUBPAC Neutral Duty Component	N35309	0	7	0
COMSUBRON 1 CSTT	N41674	6	8	0
COMSUBPAC INTEL	N42220	1	0	1
COMSUBPAC NCCS	N43738	0	0	0
COMSUBRON 1 - PMT	N44432	2	25	0
PMOPAC Det Pearl Harbor	N44700	1	6	0
PSD - SUBASE Pearl Harbor	N46767	1	34	16
COMSUBRON 1 - NDC	N49157	0	10	0
COMSUBRON 7 - Neutral Duty Component	N49158	0	10	0
USSTRATCOM SPECACTS	N49335	0	3	0
COMSUBRON 7	N53896	16	20	0
Mobile Technical Unit One Pearl Harbor	N55302	0	5	3
COMSUBRON 1	N55346	17	20	0
COMSUBPAC	N57020	73	116	37
Naval Station - Pearl Harbor ¹	N62813	0	0	21

¹SUBASE Pearl is currently consolidating the chapel, MWR, CDC, and security with NAVSTA. A functional transfer of one officer, 29 enlisted, and 20 civilian positions is in process.

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Naval Submarine Training Center Pacific	N63154	24	192	28
PSBFOROPS Component	N65369	21	60	6
Defense Investigative Service	N68194	0	0	3
Navy Education and Training Program Management Support Activity, Navy Campus Education Center	N68322	0	1	4
Navy Exchange Service Center, Pearl Harbor	N68897	0	0	0
Chaminade University	N/A	0	0	0
Hawaii Pacific University	N/A	0	0	0
Newport News Shipbuilding Engineering Field Office, 688 Class Submarine Planning Yard	N/A	0	0	0
PRC Incorporated	N/A	0	0	0
U.S. Post Office - SUBASE Pearl Harbor	N/A	0	0	0

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
USS Aspro (SSN 648)	N05132	12	88	0
USS Tautog (SSN 639)	N05135	14	122	0
USS Hawkbill (SSN 666)	N05148	14	122	0
USS Pintado (SSN 672)	N05153	14	122	0
USS Competent (AFDM 6)	N13862	5	150	0
USS William H. Bates (SSN 680)	N20043	14	122	0
USS Tunny (SSN 682)	N20045	14	122	0

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USS Cavalla (SSN 684)	N20346	14	122	0
USS Omaha (SSN 692)	N20783	14	127	0
USS Birmingham (SSN 695)	N20786	14	127	0
USS New York City (SSN 696)	N20787	14	127	0
USS Indianapolis (SSN 697)	N20788	14	127	0
USS Bremerton (SSN 698)	N20882	14	127	0
USS San Francisco (SSN 711)	N20887	14	127	0
USS Buffalo (SSN 715)	N20996	14	127	0
USS Olympia (SSN 717)	N21024	14	127	0
USS Honolulu (SSN 718)	N21025	14	127	0
USS Helena (SSN 725)	N21367	14	127	0
USS Columbus (SSN 762)	N21692	14	127	0
USS Kamehameha (SSN 642)	N30154	14	130	0

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
N/A					

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
N/A					

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
<u>Pearl Harbor Naval Shipyard</u>	<u>Pearl Harbor, Hi</u>	<u>Provide Liquid Nitrogen.</u>
<u>Various Activities</u>	<u>Pearl Harbor, Hi</u>	<u>Maintenance/Repair ADP equipment.</u>
<u>Naval Sea Systems Command</u>	<u>Washington, D.C.</u>	<u>MK-48, SHIPALT SUPPORT.</u>
<u>Various Ships</u>	<u>Various</u>	<u>Host support services for foreign ships.</u>

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

Attached

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2

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copies, if available); and 11"x 17" (12 copies).)

Attached

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

Attached

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

Attached

INSTALLATION DATA

GENERAL INFORMATION

This is the first Data Call for the 1995 base realignment and closure (BRAC-95) process. This General Information Data Call is designed to provide the Base Structure Evaluation Committee (BSEC) with a broad view of each installation, looking across the entire range of missions performed, who performs them, and the geographic alignment of each installation (internal to itself and the relationship to the surrounding community). The desired end result of this Data Call is to give the BSEC a complete picture of the shore facility infrastructure and general information on every organization performing a mission for the Department of the Navy today. This review is not limited to "above threshold" activities (those activities with more than 300 civilian personnel). It is absolutely imperative that all organizations complete the appropriate information about their organization so that follow-on Data Calls can be correctly focused and complete. There will be other Data Calls organized by category/subcategory (function) to gather information on military value, capacity, and economic/environmental impact.

The activities receiving this Data Call will fall into one of three categories: host command; tenant command; or independent activity. Each activity will be asked to identify themselves into one of these three categories. Due to the broad nature of the Data Call, not all questions will be applicable to all respondents, but all questions require a complete response. If a question is not applicable to your organization, clearly mark the response as "N/A"; do not leave blank.

The Data Call has been structured so that all responses, with the exception of the facility maps, can be made within the Data Call without the need to provide enclosures. The format for the tabular data allows for the expansion of each row as additional data is inputted, by pressing "enter" each time a new entry is made. Responses should be as complete and concise as possible.

In accordance with SECNAVNOTE 11000 of 08 December 1993, pertaining to the BRAC-95 process, all data provided must be certified and will be submitted hardcopy. Distribution of the Data Calls will flow through the operational command structure and inquiries should be directed in that manner to facilitate consistent and informative responses.

BRAC-95 CERTIFICATION

Activity: SUBASE PEARL HARBOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD

NAME (Please type or print)

Commander in Chief

Title


Signature

2/15/94
Date

U. S. Pacific Fleet

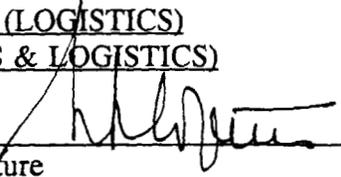
Activity (Acting)

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

S. F. Loftus
NAME (Please type or print)
Vice Admiral, U.S. Navy
Deputy Chief of Naval
Operations (Logistics)

Title


Signature

22 FEB 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

M. L. McHugh
NAME (Please type or print)

Commanding Officer
Title

Naval Submarine Base, Pearl Harbor, HI
Activity


Signature
1/31/94
Date

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**DATA CALL 66
INSTALLATION RESOURCES**

Activity Information:

Activity Name:	NAVAL SUBMARINE TRAINING CENTER PACIFIC
UIC:	63154
Host Activity Name (if response is for a tenant activity):	NAVAL SUBMARINE BASE, PEARL HARBOR
Host Activity UIC:	00314

General Instructions/Background. A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

1. Base Operating Support (BOS) Cost Data. Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead). This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

See page 2a.

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name:		UIC:	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total

*ANK
HARRIS
CNET N-413
26 July 94*

**DATA CALL 66
INSTALLATION RESOURCES**

1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:			
3. Grand Total (sum of 1c. and 2k.):			

MCD
 DONALDSON
 N812
 CNET
 7-26-94

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)
 Claimant : CNET

Activity Name: NAVSUBTRADENPAD PEARL HARBOR HI UID: 60184

Category	FY 1994 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. REAL PROPERTY MAINTENANCE COSTS:			
1a. Maintenance and Repair	48	0	48
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	48	0	48
2. OTHER BASE OPERATING COSTS:			
2a. Utilities	962	0	962
2b. Transportation	16	0	16
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	32	32
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	27	582	609
2j. Other	44	738	782
2k. Sub-total 2a. through 2j.	1049	1349	2398
3. GRAND TOTAL (sum of 1c. and 2k.)	1097	1349	2446

b. Funding Source

Appropriation:

Q&N

1541

MPN

905

DATA CALL 66
INSTALLATION RESOURCES

b. **Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

Appropriation Amount (\$000)

See page 2a.

ADD
HERE

c. **Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21, as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

Not applicable - not a ^{DBOF} ~~DBOF~~ activity.

ADD
HERE

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name:		UIC:	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (> \$15K)			
1b. Real Property Maintenance (< \$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.):			

**DATA CALL 66
INSTALLATION RESOURCES**

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data	
Activity Name: NAVSUBTRACENPAC	UIC: 63154
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	\$ 85
Material and Supplies (including equipment):	438
Industrial Fund Purchases (other DBOF purchases):	965
Transportation:	15
Other Purchases (Contract support, etc.):	88
Total:	\$1,591

**DATA CALL 66
INSTALLATION RESOURCES**

3. Contractor Workyears.

a. On-Base Contract Workyear Table. Provide a projected estimate of the number of contract workyears expected to be performed "on base" in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

Table 3 - Contract Workyears	
Activity Name: NAVSUBTRACENPAC	UIC: 63154
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	0.00
Facilities Support:	.40
Mission Support:	.34
Procurement:	0.00
Other:*	0.00
Total Workyears:	.74

* Note: Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

DATA CALL 66
INSTALLATION RESOURCES

b. **Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

.74 CONTRACT WORKYEARS

2) Estimated number of workyears which would be eliminated:

0 WORK YEARS

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

0 WORK YEARS

**DATA CALL 66
INSTALLATION RESOURCES**

c. **'Off-Base' Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (**ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above**):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

* NOTE: Based on the assumption that vendor provided "OFF-BASE" services will be required at any future location in approximately the same quantity.

Command: SUBTRACENPAC

Data Call Number Sixty-Six

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

MAJOR CLAIMANT LEVEL

P. E. TOBIN
NAME

PET
Signature

27 JUL 1994

CNET
Title

Date

CNET
Activity

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

**DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)**

W. A. EARNER

W. A. Earner
NAME

W. A. Earner
Signature

Title

8/6/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

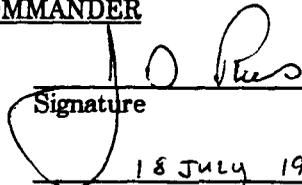
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

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

ACTIVITY COMMANDER

J. D. REEVES
NAME (Please type or print)



Signature
18 July 1994

Date

COMMANDING OFFICER
Title

NAVSUBTRACENPAC
Activity

39

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Activity Identification: Please complete the following table, identifying the activity for which this response is being submitted.

Activity Name:	Naval Submarine Base, Pearl Harbor, HI
UIC:	00314
Major Claimant:	Commander, Submarine Force Pacific CINCPACFLT

TYCOM NOTE: CORRECT MAJOR CLAIMANT ENTERED BY TYCOM IN BOLD

General Instructions/Background:

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

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

General Instructions/Background (Continued):

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

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

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

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

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

1. Workforce Data

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

Average Appropriated Fund Civilian Salary Rate:	\$41.95K
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Source of Data (1.a. Salary Rate): FY 1995 Apportionment/FY 1996/1997 Budget, CP-1 Exhibit for FY 1996. Human Resources Office, Public Works Center, Pearl Harbor, HI. Civilian personnel "desire" print out for 6 July 94 evaluated by W. Fukumoto (SUBASE Pearl Code 23).
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**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

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

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

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
City and County of Honolulu	HI	5131	227	100%	6	17

TYCOM NOTE: THE CITY AND COUNTY OF HONOLULU COVERS THE ENTIRE ISLAND OF OAHU.
= 100%

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

2) Location of Government (DoD) Housing. If some employees of the base live in government housing, identify the county(s) where government housing is located:

City and County of Honolulu

Source of Data (1.b. 1) & 2) Residence Data): N/A
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TYCOM NOTE: IN THAT ALL MILITARY AND CIVILIAN EMPLOYEES LIVE IN THE CITY AND COUNTY OF HONOLULU, NO SOURCE OF DATA IS REFERENCED FOR THIS QUESTION.

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

c. Nearest Metropolitan Area(s). Identify all major metropolitan area(s) (i.e., population concentrations of 100,000 or more people) which are within 50 miles of the installation. If no major metropolitan area is within 50 miles of the base, then identify the nearest major metropolitan area(s) (100,000 or more people) and its distance(s) from the base.

City	County	Distance from base (miles)
Honolulu	Honolulu	0*

***SUBASE Pearl located within City and County of Honolulu**

Source of Data (i.e. Metro Areas): U. S. Department of Commerce Bureau of Census 1990 Census of Population for Hawaii
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TYCOM NOTE: THE CITY AND COUNTY OF HONOLULU COVERS THE ENTIRE ISLAND OF OAHU.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

d. Age of Civilian Workforce. Complete the following table, identifying the age of the activity's civil service workforce.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	7	3.1
20 - 24 Years	4	1.8
25 - 34 Years	28	12.3
35 - 44 Years	82	36.1
45 - 54 Years	72	31.7
55 - 64 Years	27	11.9
65 or Older	7	3.1
TOTAL	227	100 %

Source of Data (1.d.) Age Data): Human Resources Office, Public Works Center, Pearl Harbor, HI. Data provided on "Desire" listing of 5 Jul 94 evaluated by W. Fukumoto (SUBASE Pearl, Code 23).

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

e. Education Level of Civilian Workforce

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	1	.4
9th through 11th Grade	4	1.7
12th Grade or High School Equivalency	71	31.3
1-3 Years of College	94	43.2
4 Years of College (Bachelors Degree)	38	15.0
5 or More Years of College (Graduate Work)	19	8.4
TOTAL	227	100 %

2) **Degrees Achieved.** Complete the following table for the activity's civil service workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	4
Associate Degree	17
Bachelor Degree	34
Masters Degree	15
Doctorate	1

TYCOM NOTE: CORRECT NUMBER OF DOCTORATE DEGREES ENTERED BY TYCOM IN BOLD. BLOCK LEFT BLANK BY INSTALLATION.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (1.e.1) and 2) Education Level Data): Human Resources Office, Public Works Center, Pearl Harbor, HI. Personnel file data evaluated by W. Fukumoto (SUBASE Pearl Code 23).

f. Civilian Employment By Industry. Complete the following table to identify by "industry" the type of work performed by civil service employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09	0	0
2. Construction (includes facility maintenance and repair)	15-17	12	5.3
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	11	4.8
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	58	25.6
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	69	30.4

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	18	7.9
4c. Water Transportation (includes organizational level maintenance)	44	3	1.3
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	1	.4
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	22	9.6
5. Services	70-89		
5a. Lodging Services	70	2	.9
5b. Personal Services (includes laundry and funeral services)	72	9	4.0
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	6	2.6
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	4	1.8
5j. Educational Services	82	27	11.9
5k. Social Services	83	0	0

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Industry	SIC Codes	No. of Civilians	% of Civilians
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	10	4.4
5n. Other Misc. Services	89	21	9.3
Sub-Total 5a. through 5n.:	70-89	79	34.9
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	39	17.2
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	0	0
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	6	2.6
Sub-Total 6a. through 6d.		45	19.8
TOTAL		227	100 %

Source of Data (1.f.) Classification By Industry Data): Human Resources Office, Public Works Center, Pearl Harbor HI. Job/occupation series data evaluated by W. Fukumoto (SUBASE Pearl Code 23).

TYCOM NOTE: "ZEROS" HAVE BEEN ENTERED BY TYCOM WHERE APPLICABLE TO COMPLETE TABLE.

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

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

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	45	19.8
2. Professional Specialty		
2a. Engineers	9	4.0
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	6	2.6
2d. Life Scientists	0	0
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
Sub-Total 2a. through 2n.:	15	6.6
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	39	17.2
Sub-Total 3a. and 3b.:	39	17.2
4. Administrative Support & Clerical	64	28.2
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	9	4.0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	9	4.0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	45	19.8
8. Construction Trades	0	0
9. Production Occupations	0	0
10. Transportation & Material Moving	3	1.3
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	7	3.1
TOTAL	227	100 %

Source of Data (1.g.) Classification By Occupation Data): Human Resources Office, Public Works Center, Pearl Harbor, HI. Job/occupational series data evaluated by W. Fukumoto (SUBASE Pearl Code 23).

TYCOM NOTE: "ZEROS" HAVE BEEN ENTERED BY TYCOM WHERE APPLICABLE.

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Description of Occupational Categories used in Table 1.g. The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate **appropriated fund civil service jobs** at the activity.

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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

1. Percentage of Military Employees Who Are Married:	51.2%/ 53.7%
2. Percentage of Military Spouses Who Work Outside of the Home:	59.1%/ 52.8%
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	34.6% ¹ / 6.6%
3b. Employed "On-Base" - Non-Appropriated Fund:	19.2%/ 12.6%
3c. Employed "Off-Base" - Federal Employment:	9.6% ² / 12.6%
3d. Employed "Off-Base" - Other Than Federal Employment	36.6%/ 68.2%

Source of Data (1.h.) Spouse Employment Data):

1. Personnel Support Activity Detachment
 Pearl Harbor, HI
 Military population data of 6 Jul 94 evaluated by
 W. Fukumoto (SUBASE Pearl Code 23)
2. Naval Submarine Base
 Pearl Harbor, HI
 Survey of military personnel conducted by
 W. Fukumoto (SUBASE Pearl Code 23)

TYCOM NOTE: ORIGINAL DATA FOR TABLE 1.h WAS DEVELOPED BY THE STATION USING A RANDOM SAMPLE OF SLIGHTLY LESS THAN 200 PEOPLE AND THEN EXTRAPOLATED ACROSS THE ENTIRE POPULATION. WHEN THESE PERCENTAGES WERE BOUNCED AGAINST KNOWN DATA BASES SUCH AS THOSE REFERENCED IN NOTES 1 AND 2, IT WAS DETERMINED THAT THE RANDOM SAMPLE ANALYSIS USED BY THE STATION RESULTED IN A LOW DEGREE OF ACCURACY. THE STATION SUBSEQUENTLY CONDUCTED ANOTHER SURVEY OF APPROXIMATELY 700 PEOPLE AND SUBMITTED THE REVISED NUMBERS SHOWN IN BOLD ABOVE. THESE NUMBERS MORE ACCURATELY REFLECT THE DEMOGRAPHICS OF THE BASE POPULATION, INCLUDING AFLOAT UNITS, AND SHOULD BE ACCEPTABLE FOR THE PURPOSE OF THIS DATA CALL.

¹Includes 14 SUBASE Pearl member married to other military member.

²Includes 156 military members married to other military member.

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

- A** - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.
- B** - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.
- C** - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

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

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

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

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a. Table A: Ability of the local community to meet the expanded needs of the base.

Ratings are based on the assumption that additional personnel will reside throughout Honolulu and will not be concentrated in a particular area or district.

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

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

Remember to mark with an asterisk any categories which are wholly supported on-base.

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2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

Schools - Public/Private. Growth will require substantial investment in community infrastructure. The present school facilities are "land locked" and are unable to expand without acquisition of new land, construction of new facilities and hiring additional staff.

Source of Data (2.a. 1) & 2) - Local Community Table):

City & County of Honolulu, Department of General Planning - Planning Information Branch
State Department of Education, Office of Information Resource Management Branch
City & County of Honolulu, Honolulu Fire Department
City & County of Honolulu, Honolulu Police Department
Honolulu Public Transit Authority, Bus System - Operations & Marketing Branch
State Department of Transportation - Highways Division
Health Care Association of Hawaii - Legislation and Medical Care Information
City & County of Honolulu Board of Water Supply
Hawaiian Electric Company
Navy Public Works Center, Pearl Harbor
City & County of Honolulu - Wastewater Management Division
City & County of Honolulu - Environmental Engineer Office
City & County of Honolulu - Department of Parks & Recreation

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

Not applicable, the City & County of Honolulu is the only county to be considered.

TYCOM NOTE: IN THAT THE "LOCAL COMMUNITY" AND THE "REGION" AS DEFINED IN QUESTION 1.b ARE THE SAME FOR SUBBASE PEARL HARBOR, THE FOLLOWING TABLE HAS BEEN LEFT BLANK BY THE STATION IN THAT IT WOULD EXACTLY MATCH TABLE A.

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

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

Remember to mark with an asterisk any categories which are wholly supported on-base.

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2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

Not applicable.

3. Public Facilities Data:

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

Rental Units: 3.9%

Units for Sale: 1.3%* (*Homeowner vacancy rate)

Source of Data (3.a. Off-Base Housing):

U. S. Department of Commerce

Bureau of the Census

"Housing Vacancies and Homeownership Annual Statistics: 1993," Current Housing Reports,

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b. Education.

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

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Honolulu	Honolulu	39	9	6	34,597	Note 1	Note 2	Note 1	Yes
Central	Honolulu	28	6	6	35,985	Note 1	Note 2	Note 1	Yes
Leeward	Honolulu	27	5	5	32,126	Note 1	Note 2	Note 1	Yes
Windward	Honolulu	24	5	5	19,785	Note 1	Note 2	Note 1	Yes
Honolulu**	Honolulu	38	26	17	20,776	Note 3	Note 3	Note 3	Note 3
Central**	Honolulu	13	10	2	2,491	Note 3	Note 3	Note 3	Note 3
Leeward**	Honolulu	10	6	2	1,919	Note 3	Note 3	Note 3	Note 3
Windward**	Honolulu	15	11	3	2,515	Note 3	Note 3	Note 3	Note 3

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

** Private Schools

Note 1: The public schools system is currently at maximum capacity

Note 2: For public schools, the student-teacher ratios are: grades K-2 20:1, 3-12 26:1

Note 3: Data not available. Data varies throughout individual private schools.

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

Public Schools Enrollment Count 1993-1994

Private Schools Enrollment 9-10-93

State Department of Education, Information Resource Management Branch

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

No

Source of Data (3.b.2) On-Base Schools:
Naval Supply Systems Command (NAVSUP 0311)

3) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees :

Major Colleges and Universities located in the City & County of Honolulu (includes graduates studies)

- Brigham Young University - Hawaii Campus
- Chaminade University of Honolulu
- Hawaii Loa College
- Hawaii Pacific University
- University of Hawaii, Systems (includes all Community Colleges and West-Oahu College)
- *Wayland Baptist University
- *Central Michigan University (Branch-military)
- *University of Oklahoma (Branch-military)
- *Troy State University (Branch-military)

*Intended to provide educational opportunities for service members and their adult dependents only.

Source of Data (3.b.3) Colleges:
GTE Hawaiian Tel March 1994-1995 (Yellow Pages)

4) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names and major curriculums of vocational/technical training schools:

<u>Vocational/Technical Training Schools</u>	<u>Major Curriculum</u>
Oriental Medical Institute	Acupuncture
Tai Huaun Foundation	Acupuncture
New York Technical Institute of Hawaii	Automotive
Hawaii Institute of Hair	Barbering
Hawaii Business College	Business/Commercial
Denver Business College	Business/Commercial
Intercultural Communications Institute	Business/Commercial
Ross College of Court Reporting	Business/Commercial
*Heald Business College	Business/Commercial
Electronics Institute	Electronics
H & R Block Tax Tuition School	Income Tax Preparation
Asian Shiatsu School	Massage
Honolulu School of Massage	Massage
American Institute of Massage Therapy	Massage

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Med-Assist School of Hawaii
Continental Security School
Travel Institute of the Pacific
Travel University Internation

Medical
Security
Travel/Tourism
Travel/Tourism

Vocational/Technical Training Schools

Major Curriculum

Travel's Choice School of Travel
Windward Travel Institute
Fashion Center
Style Center School of Fashion Design
*Embry Riddle Aeronautical

Travel/Tourism
Travel
Dressmaking/Tailoring/Designing
Dressmaking/Tailoring/Designing
Pilot Training

* Intended to provide educational opportunities for service members and their adult dependents only.

Source of Data (3.b.4) Vo-tech Training):

1993-1994 Directory, Office of the Superintendent, Department of Education, State of Hawaii

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c. Transportation

1) Is the activity served by public transportation?

	<u>Yes</u>	<u>No</u>
Bus:	<u> X </u>	<u> </u>
Rail:	<u> </u>	<u> X </u>
Subway:	<u> </u>	<u> X </u>
Ferry:	<u> </u>	<u> X </u>

Source of Data (3.c.1) Transportation):
The Bus Route Schedules/Stops

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.

None available in the City & County of Honolulu

Source of Data (3.c.2) Transportation):
DBED State of Hawaii Data Book 1992

3) Identify the name and location of the nearest commercial airport (with public carriers, e.g., USAIR, United, etc.) and the distance from the activity to the airport.

Honolulu International Airport - Approximately 2.5 miles from SUBASE Pearl

Source of Data (3.c.3) Transportation):
Rand McNally & Company Map, Copyright 1991

4) How many carriers are available at this airport?

23 signatory airlines (with airport lessees). At least 22 other nonlessees.

TYCOM NOTE: THE FOLLOWING CLARIFICATION TO THE ABOVE DATA WAS PROVIDED BY THE STATION ON 21 JUL 94:

TRANSPACIFIC CARRIERS:	
DOMESTIC	9
FOREIGN	16
TRANSPACIFIC AND INTERNATIONAL:	5
INTERISLAND ONLY:	
PASSENGER	9
CARGO AND MAIL ONLY	6

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TOTAL

45

INCLUDES SCHEDULED AND NONSCHEDULED SERVICE AS WELL AS COMMUTER LINES AND AIR TAXIS.

Source of Data (3.c.4) Transportation):

State Department of Transportation, Airport Division, Fiscal Office

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

SUBASE Pearl is located approximately one (1) mile from Interstate Highway H1.

Source of Data (3.c.5) Transportation):

Rand McNally & Co. Map Copyright 1991

6) Access to Base:

a) Describe the quality and capacity of the road systems providing access to the base, specifically during peak periods. (Include both information on the area surrounding the base and information on access to the base, e.g., numbers of gates, congestion problems, etc.)

The quality of the road systems providing access to the base is adequate. Capacity is marginally adequate during peak periods causing delays in commuting time.

b) Do access roads transit residential neighborhoods?

City and County access roads transit residential neighborhoods. State highways do not transit residential neighborhoods but transit alongside certain areas.

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

No easement precludes expansion of access road system. There are other types of restrictions that preclude expansion of the road system for certain land use.

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

There are no man-made barriers that inhibit traffic flow.

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

Department of Transportation, Highways Division

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d. **Fire Protection/Hazardous Materials Incidents.** Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service.

SUBASE Pearl does not have an agreement with the local community for fire protection or hazardous material incidents. Fire protection services are provided by the Naval Station, Pearl Harbor Federal Fire Department which does have a mutual aid firefighting agreement with the City and County of Honolulu and the 15th Air Base Wing (Pacific Air Forces) for fire suppression, training classes/facilities, communications, emergency response, and fire alarm response.

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

Naval Station, Pearl Harbor Federal Fire Department; Agreement no. FB5260-93354-903

e. **Police Protection.**

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

SUBASE Pearl has no legislative jurisdiction. Naval Station, Pearl Harbor and the City and County of Honolulu have concurrent jurisdiction. Base Police services are provided by the Naval Station, Pearl Harbor.

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

Not applicable.

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

Not applicable to this activity. However, Commander Naval Base, Pearl Harbor has an intergovernmental agreement with the City and County of Honolulu for mutual aid special weapons and tactics support for barricade, hostage and sniper incidents.

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

Not applicable.

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

Not applicable.

Source of Data (3.e. 1) - 5) - Police):

Naval Legal Service Office, Pearl Harbor
Pacific Division, Naval Facilities Engineering Command, Real Estate Division
Naval Base, Pearl Harbor, Security Office
Mutual Aid Special Weapons and Tactics Agreement No. 86-336

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f. Utilities.

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

SUBASE Pearl has no direct agreement with the local community for utilities. The Public Works Center, Pearl Harbor and Pacific Division, Naval Facilities Engineering Command provides utilities support to SUBASE Pearl through the following sources:

Telephone Services	GTE Hawaiian Telephone Company
Janitorial Services	Contract Management (contract)
Refuse Collection	Honolulu Disposal Service, Inc. (contract)
Landfill Refuse Disposal	City and County of Honolulu, Public Works
Electricity	Hawaiian Electric Company, Inc.
Sewage	City & County of Honolulu,
Water	Public Works Navy
Hazardous Waste Disposal	Navy Public Works Center

2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed. Were activity operations affected by these situations? If so, explain extent of impact.

No.

3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact.

No electrical "brown outs" or "rolling black outs" during the last five years. However major disruption in operations occurred April 9, 1991 when Hawaiian Electric Company could not provide power for 6 hours. Work stoppage on most areas.

Source of Data (3.f. 1) - 3) Utilities):

Naval Facilities Engineering Command Pacific Division
Navy Public Works Center, Pearl Harbor

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4. Business Profile. List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

Employer	Product/Service	No. of Employees
1. Hawaii State Government	State Government	49,750
2. Federal Government	Defense and Non-Defense	30,100
3. City & County of Honolulu	City and County Government	10,550
4. Bancorp Hawaii, Inc.	Bank Holding Company	3,900
5. The Queen's Health Systems	Health-care services	3,200
6. Kyo-ya Co. Ltd.	Hotels, parking lots, retail stores, restaurants	3,050
7. Kaiser Permanente	Health-care services	3,000
8. GTE Hawaiian Telephone	Telecommunications products & services	2,800
9. First Hawaiian, Inc.	Financial Services	2,700
10. Outrigger Hotels Hawaii	Full-service lodging & hospitality services	2,500

Source of Data (4. Business Profile):

Data Book 1993, State of Hawaii
Hawaii Business, August 1993
Employers

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5. Other Socio-Economic Impacts. For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. Loss of Major Employers:

According to First Hawaiian Bank Research Department and the Hawaii State Government, Department of Labor & Industrial Relations, Research & Statistics Office there has been no loss of major employers. (Note: Most of the major loss occurred on the Big Island (outside the City & County of Honolulu). Over 700 workers were laid off at the Hamakua Sugar Company and Hilo Coast Processing Company.) However, there continues to be a general decline in agriculture production (pineapple and sugar). Developments in the sugar industry shows sign of accelerating decline with projected closure of Oahu Sugar Company and Wailua Sugar Company during 1995. A few large retail outlets have closed (Gibsons, Home Improvement) and new ones have emerged (K-Mart, Sam's Club, Ross's and factory outlets in Waikale Center).

b. Introduction of New Businesses/Technologies:

According to the Hawaii State Government, Department of Labor & Industrial Relations, Research & Statistics Office, there are no new businesses or technologies projected. Except for a Tech Park (super computer international network) on Maui (outside the City and County of Honolulu). Honolulu County can expect a few new retail outlets.

c. Natural Disasters:

Since the flash flooding on the North Shore of Oahu, and Hurricane Iniki there have been three more lesser weather related incidents that have had a negative impact on the City & County of Honolulu. According to the Oahu Civil Defense Agency, flash flooding and high winds this spring caused numerous personal injuries. In addition, property and electrical power line damage resulted in rescue and evacuation operations being performed.

d. Overall Economic Trends:

According to First Hawaiian Bank Research Department, Hawaii's economy is experiencing a number of optimistic developments.

(1) A surge in the visitor industry during the first quarter of 1994 raised hopes that the three year tourism slump was finally at an end. Westbound and eastbound traffic were strong; with westbound overnight or longer visitors up 3.3% in February, the best year to year increase in 41 months.

(2) Although total construction continues to decline, several isolated but highly visible nonresidential projects are currently underway.

(a) The Hawaiian Center, a 27 story building will add about 379,000 rentable square feet of office space to downtown Honolulu and inject an estimated \$120 million into the state's lagging construction sector.

(b) The Aloha Tower Marketplace, \$100 million redevelopment will initially include a 190,000 square foot low-rise shopping and dining complex, with eventual development of a masterplan for 3-5 million square foot of hotel, office, condominium and maritime uses space.

(c) The Kapolei area, which accounts for 8% of the land on the island, is planning growth to include a balance of residential, commercial, industrial, resort and agricultural sectors. 2,000 added new jobs are anticipated.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

(3) With rising resales for both single family and condominium units, the Oahu real estate market appears to have begun a gradual upswing.

(4) Although the state unemployment rate is still below the national average, the gap is slowly closing.

(5) The biggest story in agriculture for Honolulu has been the rapid decline in the fortunes of the sugar industry. Projected closure of Oahu Sugar and Waialua Sugar Company in 1995 would result in over 20,000 acres of available land. On the positive side, this might be a good opportunity for additional housing and nonagricultural development.

Source of Data (5. Other Socio/Econ):

Hawaii State Government, Department of Labor & Industrial Relations Research & Statistics Office, Hawaii's Labor Market in Review 1992

First Hawaiian Bank Research Department, Economic Indicators May/June 1994

Bank of Hawaii Economics Department Annual Economic Report Vol 43 Hawaii 1993
(Jan 1994)

City & County of Honolulu, Oahu Civil Defense Agency (Civil Defense Records - to include litigation, reports, task reports, engineering reports, etc.)

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

SUBASE Pearl has a partnership with the following two elementary schools in the adjacent communities:

- a. Agust Ahrens Elementary School (Waipahu, HI)
- b. Pearl Harbor Elementary School (Moanalua Ridge, HI)

Source of Data (6. Other): Command Career Counselor

Naval Submarine Base

Pearl Harbor, HI

POC: MMC(SS) Welzenbach

BRAC-95 CERTIFICATION DATA CALL SIXTY FIVE

SUBASE PEARL HARBOR

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

MAJOR CLAIMANT LEVEL

R. J. KELLY

NAME (Please type or print)


Signature

Commander In Chief

Title

3 AUG 94

Date

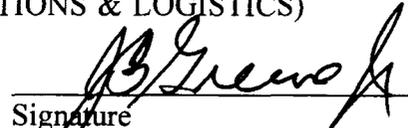
U. S. Pacific Fleet

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. GREENE, JR.
NAME (Please type or print)


Signature

ACTING

Title

17 AUG 1994

Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

CAPT M. L. McHUGH
NAME


Signature

Commanding Officer
Title

7/11/94
Date

SUBASE, Pearl Harbor, HI
Activity

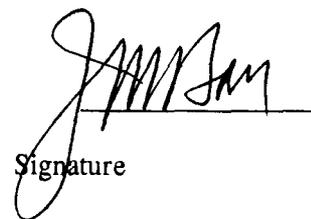
DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

COMMANDER SUBMARINE FORCE, U.S. PACIFIC FLEET

J. M. BARR, RADM, USN

NAME (Please type or print)


Signature

Commander Submarine Force,

Title

7/28/94

Date

U.S. Pacific Fleet

Activity

NAME (Please type or print)

Signature

Title

Date

Activity

39

**DATA CALL 66
INSTALLATION RESOURCES**

Activity Information:

Activity Name:	Naval Submarine Base, Pearl Harbor, HI
UIC:	N00314
Host Activity Name (if response is for a tenant activity):	n/a
Host Activity UIC:	n/a

TYCOM NOTE: SUBBASE PEARL HARBOR IS THE HOST ACTIVITY

General Instructions/Background. A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

1. **Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

a. **Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).** This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate

**DATA CALL 66
INSTALLATION RESOURCES**

lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Naval Submarine Base, Pearl Harbor, HI		UIC:N00314	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	6,071	0	6,071
1b. Minor Construction	1,070	0	1,070
1c. Sub-total 1a. and 1b.	7,141	0	7,141
2. Other Base Operating Support Costs:			
2a. Utilities	3,398	0	3,398
2b. Transportation	0	0	0 ¹
2c. Environmental	2,531	253	2,784
2d. Facility Leases	0	0	0 ²
2e. Morale, Welfare & Recreation	775	0	775
2f. Bachelor Quarters	5,154	923	6,077
2g. Child Care Centers	17	0	17
2h. Family Service Centers	0	0	0 ³
2i. Administration	335	1,468	1,803

¹Transportation is funded by AG/SAG 1B/3B.

²No facilities are leased by SUBASE, Pearl Harbor.

³No FSC facilities or functions are located or funded by SUBASE, Pearl Harbor.

**DATA CALL 66
INSTALLATION RESOURCES**

2j. Other: Retail Supply	308	706	1,014
Other Base Support	5,061	2,663	7,724
	4,277	3,477	
2k. Sub-total 2a. through 2j:	17,579	6,013	23,592
	16,795	6,797	
3. Grand Total (sum of 1c. and 2k.):	24,720	6,013	30,733
	23,936	6,797	

TYCOM NOTE: \$784K MOVED FROM NON-LABOR TO LABOR UNDER "OTHER BASE SUPPORT" TO MATCH OP-32 BUDGET EXHIBIT AND FOR NON-LABOR COLUMN OF TABLE 1A TO EQUAL TOTAL 2 OF THIS DATA CALL. STATION BS-1 EXHIBIT BEING CORRECTED ACCORDINGLY.

TYCOM NOTE: ALL MAINTENANCE AND REPAIR AND MINOR CONSTRUCTION IS PERFORMED BY PWC OR CONTRACTED THROUGH ROICC. THERE ARE NO CIVIL SERVICE MAINTENANCE AND REPAIR OR MINOR CONSTRUCTION EMPLOYEES AT SUBASE PEARL HARBOR AND THEREFORE, THE LABOR COLUMN FOR LINES 1A AND 1B IS "\$0.00".

**DATA CALL 66
INSTALLATION RESOURCES**

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
O&MN	26,961
MPN	3,772

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

This question is not applicable for SUBASE, Pearl Harbor.

TYCOM NOTE: SUBASE PEARL HARBOR IS NOT A DBOF ACTIVITY AND THEREFORE TABLE 1B HAS BEEN LEFT BLANK IN ITS ENTIRETY.

**DATA CALL 66
INSTALLATION RESOURCES**

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name:		UIC:	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (> \$15K)			
1b. Real Property Maintenance (< \$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1e. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			
4. Grand Total (sum of 1e., 2m., and 3.) :			

**DATA CALL 66
INSTALLATION RESOURCES**

2. **Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data	
Activity Name: Naval Submarine Base, Pearl Harbor, HI	UIC: N00314
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	102
Material and Supplies (including equipment):	315
Industrial Fund Purchases (other DBOF purchases):	21,870
Transportation:	0 ⁴
Other Purchases (Contract support, etc.):	1,649
Total:	23,936

⁴Transportation is funded by AG/SAG 1B/3B.

**DATA CALL 66
INSTALLATION RESOURCES**

3. Contractor Workyears.

a. **On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be performed "on base" in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

**DATA CALL 66
INSTALLATION RESOURCES**

Table 3 - Contract Workyears	
Activity Name: Naval Submarine Base, Pearl Harbor, HI	UIC: N00314
Contract Type	FY 1996 Estimated Number of Workyears On-Base⁵
Construction:	7
Facilities Support:	38
Mission Support:	66
Procurement:	
Other:*	
Total Workyears:	111

* Note: Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

⁵Contract workyears are based on a meeting held 7 July 94 between Mr. V. Sato (SUBASE) and Ms. E. Winnik and Mr. D. Lee (PWC). Results of this meeting produced an unsigned PWC memo which provided 85 workyears. These workyears were derived from projected FY96 funding (depicted on Table 1A less SUBASE labor and non-labor effort) multiplied by 70% (PWC indicated approximately 30% of project is material requirements) to determine PWC/contractor labor dollar pool divided by the estimated FY96 hourly labor costs divided by the number of paid hours for FY96 equates to 85 workyears. The additional 26 workyears are documented by a contracted to be issued by the Regional Procurement Department, Fleet Industrial Supply Center for workers (messmen) in our Galley at SUBASE.

**DATA CALL 66
INSTALLATION RESOURCES**

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

85 workyears would be available to perform PWC related work at other DOD activities within the local area.

TYCOM NOTE: PER DISCUSSIONS WITH THE ACTIVITY ON 13 JUL 94, THE INTENT OF THE STATION'S ANSWER IS TO SAY THAT "ZERO" CONTRACT WORKYEARS WOULD BE TRANSFERRED TO THE NEW SITE.

2) Estimated number of workyears which would be eliminated:

26, assume the relocation is off island and galley would be closed. With the departure of SUBASE personnel the requirement to provide galley services will diminish thereby requiring termination of the contract messmen.

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

Assume all 85 PWC/contract workers will be available to complete other requirements (AIS backlog) at other commands within the Pearl Harbor complex.

**DATA CALL 66
INSTALLATION RESOURCES**

c. **"Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):

This question is not applicable for SUBASE, Pearl Harbor.

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
NONE	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
NONE	

TYCOM NOTE: PER DISCUSSIONS WITH THE ACTIVITY ON 13 JUL 94, THE STATION DOES NOT DEPEND ON ANY SPECIFIC OFF-BASE CONTRACT WORKYEARS TO THE DEGREE THAT THE RELOCATION OF SUBASE PEARL HARBOR WOULD RESULT IN THE ELIMINATION OR RELOCATION OF ANY OFF-BASE CONTRACT WORKYEARS.

BRAC-95 CERTIFICATION DATA CALL SIXTY SIX

SUBASE PEARL HARBOR

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

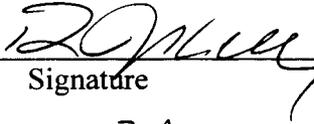
MAJOR CLAIMANT LEVEL

R. J. KELLY

NAME (Please type or print)

Commander In Chief

Title


Signature

3 AUG 94
Date

U. S. Pacific Fleet

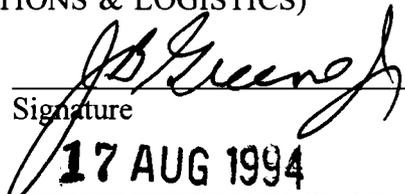
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. GREENE, JR.
NAME (Please type or print)

ACTING
Title


Signature
17 AUG 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

CAPT M. L. McHUGH
NAME (Please type or print)


Signature

Commanding Officer, Acting
Title

11 July 1994
Date

SUBASE, Pearl Harbor
Activity

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

NEXT ECHELON LEVEL (if applicable)

J. M. BARR, RADM, USN
NAME (Please type or print)

COMMANDER
Title

SUBMARINE FORCE, U.S. PACIFIC FLEET
Activity

JMBarr
Signature
7/15/94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Title

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print)

Title

Signature

Date

UIC: N00314

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

NAVAL SUBMARINE BASE
PEARL HARBOR

20 APRIL 1994

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

INDEX

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ENVIRONMENTAL DATA CALL

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

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

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

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

Provide a list of the tenant activities with UICs that are covered in this response.

<u>Tenant Command Name</u>	<u>UIC</u>
NAVINTCOM COMSUBPAC	N33300
COMSUBPAC Sea Duty Component	N35308
COMSUBPAC Neutral Duty Component	N35309
COMSUBRON 1 CSTT	N41674
COMSUBPAC INTEL	N42220
COMSUBPAC NCCS	N43738
COMSUBRON 1 - PMT	N44432
PMOPAC Det Pearl Harbor	N44700
PSD - SUBASE Pearl Harbor	N46767
COMSUBRON 1 - Neutral Duty Component	N49157
COMSUBRON 7 - Neutral Duty Component	N49158
USSTRATCOM SPECACTS	N49335
COMSUBRON 7	N53896
Mobile Technical Unit One Pearl Harbor	N55302
COMSUBRON 1	N55346
COMSUBPAC	N57020
Naval Submarine Training Center Pacific	N63154
PSBFOROPS Component	N65369
Defense Investigative Service	N68194
Navy Education and Training Program Management Support Activity, Navy Campus Education Center	N68322
Navy Exchange Service Center, Pearl Harbor	N68897

TYCOM NOTE: THE FOLLOWING AFLOAT UNITS ALSO FALL UNDER SUBASE PEARL HARBOR FOR ENVIRONMENTAL PROGRAM MANAGEMENT.

TENANT COMMAND

<u>NAME</u>	<u>UIC</u>
USS ASPRO (SSN 648)	N05132
USS TAUTOG (SSN 639)	N05135
USS HAWKBILL (SSN 666)	N05148
USS PINTADO (SSN 672)	N05153
USS COMPETENT (AFDM 6)	N13862
USS WILLIAM H. BATES (SSN 680)	N20043
USS TUNNY (SSN 682)	N20045
USS CAVALLA (SSN 684)	N20346
USS OMAHA (SSN 692)	N20783
USS BIRMINGHAM (SSN 695)	N20786

TYCOM NOTE: THE FOLLOWING AFLOAT UNITS ALSO FALL UNDER SUBBASE PEARL HARBOR FOR ENVIRONMENTAL PROGRAM MANAGEMENT.

TENANT COMMAND

<u>NAME</u>	<u>UIC</u>
USS NEW YORK CITY (SSN 696)	N20787
USS INDIANAPOLIS (SSN 697)	N20788
USS BREMERTON (SSN 698)	N20882
USS SAN FRANCISCO (SSN 711)	N20887
USS BUFFALO (SSN 715)	N20996
USS OLYMPIA (SSN 717)	N21024
USS HONOLULU (SSN 718)	N21025
USS HELENA (SSN 725)	N21367
USS COLUMBUS (SSN 762)	N21692
USS KAMEHAMEHA (SSN 642)	N30154

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

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

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
<i>example: Haliaeetus leucocephalus - bald eagle</i>	<i>threatened</i>	<i>Federal</i>	<i>25</i>	<i>0</i>
NONE	N/A	N/A	N/A	N/A

Source Citation: Pearl Harbor Naval Complex Natural Resources Management Plan, 1992

1b.

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

1c. If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map.

N/A. There are no habitats or endangered species on base.

1d.

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

There are no critical habitats or endangered/threatened species on base.

1e.

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

2. WETLANDS

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

2a.

Does your base possess federal jurisdictional wetlands?	NO
Has a wetlands survey in accordance with established standards been conducted for your base?	NO
When was the survey conducted or when will it be conducted? ____/____/____	N/A
What percent of the base has been surveyed?	0%
What is the total acreage of jurisdictional wetlands present on your base?	0

Source Citation: Pearl Harbor Naval Complex Master Plan, September 1992

SUBASE Pearl Harbor has no undeveloped land that could be designated as wetland. Further, there are no rivers, streams, lakes, or natural shoreline.

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

N/A. There are no wetlands on base.

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? No. If YES, summarize the results of such modifications or constraints.

3. CULTURAL RESOURCES

3a.

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

Source: PACDIV Pearl Harbor Historic Inventory, July, 1990

<u>Facility</u>	<u>Constr Date</u>	<u>Use</u>
Category 1 - Highly significant		
B-654	1927	BEQ
S-659	1932	Admin
B-660	1931	IMA
B-662	1934	BOQ
B-708	1944	Chapel
Category 3 - Significant		
B-236	1943	HM Locker
B-584	1950	Navy Campus
B-619	1942	Admin
B-628	1931	Theater
B-640	1943	Machinery
B-644	1943	IMA
B-645	1944	Motor Pool
B-650	1926	IMA
B-651	1923	IMA
B-653	1928	HM Locker
B-658	1929	Garbage Disposal
B-661	1933	Admin/IMA
B-664	1931	Swimming Pool
B-665	1936	Admin
B-666	1937	Garage/Storage
B-667	1943	Gymnasium
B-674	1941	IMA
B-676	1941	Admin/Test Gear Storage
B-678	1942	Storage
B-679	1942	Admin/Trng
B-680	1942	Fire Station

B-681	1944	Admin
B-682	1942	Admin/Pers. Services
B-683	1942	IMA
B-692	1943	Admin/Storage
B-693	1943	Admin/NEX
S-956	1942	Flagpole
S-1192	1945	Small craft berthing
S-1193	1945	Small craft berthing
S-1194	1945	Small craft berthing
S1	1942	Submarine berthing
S4/5	1944	Submarine berthing
S8/9	1935	Submarine berthing
S10/14	1935	Submarine berthing
S20	1944	AFDM-6 berthing
S21	1944	Submarine berthing

3b.

<p>Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.</p>	<p>NO</p>
---	-----------

3c.

<p>Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.</p>	<p>NO</p>
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4. ENVIRONMENTAL FACILITIES

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

4a.

Does your base have an operating landfill?					NO
ID/Location of Landfill	Permitted Capacity (CYD)		Maximum Capacity (CYD)	Contents ¹	Permit Status
	TOTAL	Remaining			
N/A	N/A	N/A	N/A	N/A	N/A

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

Are there any current or programmed projects to correct deficiencies or improve the facility.

N/A. There is no facility of this type on base.

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

N/A. SUBASE, Pearl Harbor solid waste is removed to community landfills by contractor.

4c.

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

List any permit violations and projects to correct deficiencies or improve the facility.

N/A. SUBASE, Pearl Harbor does not operate any solid waste facilities.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					NO
ID/Location of WWTP	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status	Level of Treatment/Year Built
N/A	N/A	N/A	N/A	N/A	N/A

List permit violations and discuss any projects to correct deficiencies.

N/A. SUBASE, Pearl Harbor does not operate any water treatment facilities.

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

The sewage from SUBASE, Pearl Harbor discharges into the central Navy Public Works Center (PWC) sewerage system. The combined flow from the various Pearl Harbor Naval and Air Force installations is treated at the Fort Kamehameha Treatment Plant by the Navy PWC. The treated effluent is discharged via ocean outfall under a NPDES permit.

The discharge rate from SUBASE alone is not monitored. The discharge limits for various facilities are listed below. SUBASE has not been cited for any violations to these standards.

Source: COMNVABASEPEARLINST 11345.2C

Discharge Limits:

1. Temperature	120f Avg. 150f Max.
2. pH	5.5-9.5
3. Color	No adverse discoloration
4. Chlorine demand	20 mg/l Avg. 50 mg/l Max.
5. Sulfides	0.5 mg/l Avg. 5.0 mg/l Max.
6. Biochemical Oxygen Demand	200 mg/l Avg. 600 mg/l Max.
7. Total Suspended Solids	300 mg/l Avg. 600 mg/l Max.
8. Chemical Oxygen Demand or-Total Organic Carbon	600 mg/l Avg. 1200 mg/l Max.
9. Oil and Grease	75 mg/l Avg. 150 mg/l Max.
10. Oil and Grease (Hydrocarbon)	25 mg/l Avg. 50 mg/l Max.
11. Surfactant	15 mg/l Avg. 30 mg/l Max.
12. Cyanide	0.65 mg/l Avg. 1.20 mg/l Max.
13. Chloride	5000 mg/l Avg. 8000 mg/l Max.
14. Sulfate	600 mg/l Avg. 1000 mg/l Max.
15. Fluoride	2 mg/l Avg. 5 mg/l Max.
16. Antimony	0.1 mg/l Avg. 0.5 mg/l Max.
17. Arsenic	0.1 mg/l Avg.

	0.5 mg/l Max.
18. Barium	25 mg/l Avg. 50 mg/l Max.
19. Beryllium	0.1 mg/l Avg. 0.2 mg/l Max.
20. Cadmium	0.26 mg/l Avg. 0.69 mg/l Max.
21. Chromium (Total)	1.71 mg/l Avg. 2.77 mg/l Max.
22. Chromium (hexavalent)	0.25 mg/l Avg. 0.50 mg/l Max.
23. Copper	2.07 mg/l Avg. 3.38 mg/l Max.
24. Lead	0.43 mg/l Avg. 0.69 mg/l Max.
25. Mercury	0.01 mg/l Avg. 0.05 mg/l Max.
26. Nickel	2.38 mg/l Avg. 3.98 mg/l Max.
27. Selenium	0.2 mg/l Avg. 0.9 mg/l Max.
28. Silver	0.24 mg/l Avg. 0.43 mg/l Max.
29. Thallium	0.1 mg/l Avg. 0.5 mg/l Max.
30. Tin	2 mg/l Avg. 10 mg/l Max.
31. Zinc	1.48 mg/l Avg. 2.61 mg/l Max.
32. Formaldehyde	1.0 mg/l Avg. 5.0 mg/l Max.
33. Organic Solvents	0.5 mg/l Avg. 2.5 mg/l Max.
34. Strong Oxidizing Agents	1.0 mg/l Avg. 5.0 mg/l Max.
35. Strong Reducing Agents	1.0 mg/l Avg. 5.0 mg/l Max.
36. Total Toxic Organics	1.37 mg/l Max.
37. Prohibited Items:	
a.	Gasoline, fuel oil, and other flammable or explosive liquids, solids and gases.
b.	Toxic, noxious, malodorous or poisonous solids, liquids, and gases.
c.	Ashes, cinders, and sand, mud, glass, paper, dishes, cups, rags, gauze, strings, metals, plastics, feathers, etc., in quantities or sizes capable of causing obstruction to flow and/or are detrimental to treatment.
d.	Unusual volume of flow or concentration of wastes constituting "slugs".
e.	Wastes containing substances which are not amenable, or only partially amenable, to treatment.

4f.

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

List any permit violations and projects to correct deficiencies or improve the facility.

N/A. SUBASE, Pearl Harbor does not operate an IWTP.

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system.

No.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					NO
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			
N/A	N/A	N/A	N/A	N/A	N/A

List permit violations and projects/actions to correct deficiencies or improve the facility.

N/A. SUBASE, Pearl Harbor does not operate a WTP.

4i. If you do not operate a WTP, what is the source of the base potable water supply. State terms and limits on capacity in the agreement/contract, if applicable.

Potable water is provided by the Public Works Center, Pearl Harbor, on a reimbursable basis. There are no limits on capacity.

4j.

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

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions.	YES
If NO, why not and provide explanation of plan to achieve permitted status.	

SUBASE Pearl Harbor holds a NPDES permit to operate a floating drydock (AFDM-6), under the following permit conditions:

Source: NPDES Permit No. HI 1121032, 30 September, 1992

Outfalls:

- 001 AFDM-6 (drydock)
- 002 Starboard Air Compressor
- 005 Port Air Compressor
- 007 Emergency Generator
- 008 Emergency Generator

Conditions:

A. Effluent limitations and monitoring requirements

1. The Permittee is authorized to discharge rinse water, hydroblast water, and rain water from Outfall Serial No. 001, subject to the conditions below. No other source of water or wastewater, including cooling water, may be discharged to the drydock floor. Outfall Serial No. 001 includes the drydock itself and the 34 scuppers on the drydock floor.

- a. The drydock floor may not be rinsed off with water except immediately after **(REFLOATING)** reloading, prior to the initiation of any work on the drydocked vessel.
- b. Solids removed from the drydocked vessel by hydroblasting, including marine growth, may not be washed into the scuppers or off the drydock.
- c. The drydock shall be kept sufficiently clean at all times to prevent solids, including solids from the vessel and any trash or garbage generated by the shipyard work crew, from either being blown off the drydock or washed off the drydock or into the scuppers by rainfall.
- d. Prior to undocking, the drydock shall be returned to a "broom clean" condition using dry cleanup methods (i.e. brooms or vacuums). Care shall be taken to ensure that solids are removed from hard to reach areas such as under the drydocked vessel and from small spaces in the drydock floor.
- e. The Permittee shall update its Drydock Water Pollution Control Plan to minimize the discharge of pollutants associated with operation of the floating drydock and to reflect current operations. A copy of the updated plan shall be submitted to the Director within 30 days of the effective date of this permit. The plan shall be updated and resubmitted within 30 days whenever substantive changes in facility operation occur. Changes in drydock operation may be the basis for permit modification.

2. The Permittee is authorized to discharge once-through cooling water from Outfall Serial Nos. 002, 005, 007, and 008. Such discharges shall be limited and monitored by the Permittee as specified below:

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>			<u>Monitoring Requirements</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	*	*	MGD	Annual	Estimate
Oil & Grease	10	15	mg/l	Annual	Grab
Total Residual Oxidants	N/A	13	ug/l	Monthly	Grab
Temperature:					
Outfall Nos.					
002, 005	28.5	N/A	C	Annual	Grab
007, 008	29.5	N/A	C	Annual	Grab

* Report - No limitations at this time

SUBASE holds a NPDES permit for the operation of Dockside Chlorination Units on submarines under the following permit conditions:

Source: NPDES Permit No. HI 1121181, 1 November, 1993

A. Limitations and Monitoring Requirements:

The Permittee is authorized to discharge chlorinated cooling water from the operation of eight (8) Portable Dockside Chlorinator Units (DCUs) from piers S1 through S21. The DCUs may be used in three (3) different models of vessels identified as Types A, B, and C in the permit rational, dated August 21, 1991.

1. Each DCU used in the vessel's cooling systems (001, 002, or 003) shall be monitored as specified below:

a. Sampling in compliance with monitoring requirements shall be taken at the following locations:

- (i) In-line off-hull monitoring (station #1): This station represents the highest effluent TRO concentration measured prior to mixing with the receiving water.
- (ii) Receiving water (station #2): In line with the effluent discharge point, 6 feet below the surface and 10 feet seaward from the vessel.
- (iii) Control Station (station #3): In line with the bow of the vessel at 6 feet below the surface and 10 feet seaward from the vessel.

b. The Permittee shall monitor for the following parameters as described below:

(i) FLOW:

For each DCU used in Type B or C vessels, the Permittee shall certify whether or not the discharges have either exceeded the 12,000 gpm or were less than 2500 gpm during the monitoring period. For each DCU used in a Type A vessel, the Permittee shall certify whether or not the discharges were lower than 400 gpm during the monitoring period.

- (ii) TOTAL RESIDUAL OXIDANT (TRO):
Grab sample shall be taken at least once per month on all three (3) stations identified in Part A.1.a.
 - (iii) pH:
Grab sample shall be taken at least once a month at stations #2 and #3 identified in Part A.1.a.
- 2. The discharge of chlorinated cooling water shall not exceed the limits as specified below:
 - a. FLOW: The quantity of chlorinated cooling water discharges from cooling systems 001 and 003 of Type A vessels must be maintained no less than 400 gpm.
 - b. TRO:
 - (i) Shall not exceed 100 ug/l at station #1.
 - (ii) Shall not exceed 13.0 ug/l at station #2.
 - c. pH: Sampling results from station #2 shall not deviate more than 0.5 standard units from the sampling results from station #3 and sampling results from station #2 shall not be lower than 6.8 nor higher than 8.8 standard units.
- 3. Conditions of DCUs Operations:
 - a. A total of eight (8) DCUs are permitted to be used in the Pearl Harbor, Naval Submarine Base. Should all eight (8) DCUs be used in one (1) working day (from 12:00 a.m. to 12:00 a.m. the next day), the discharge from each DCU shall not exceed 2 hour/day. Should the Permittee elect not to use all eight (8) DCUs, the sum of the total operating hours from all DCUs used in that working day shall not exceed 16 hours.
 - b. Chlorinated cooling water shall not be discharged from any cooling system of the berthed vessel for more than two (2) hours a day.
 - c. Only one (1) DCU is permitted for each cooling water system. A maximum of three (3) DCUs are permitted for the entire vessel cooling water systems simultaneously.
 - d. The Permittee shall keep a detailed record for each DCU (by Serial No.) used. The record shall be kept at the Naval Subbase Pearl Harbor. The required Best Management Practices (BMPs) Plan must establish management procedures for controlling the DCU uses to meet permit requirements.

The base does not currently hold a permit for storm water discharges; COMNAVBASE Pearl Harbor is preparing an application for a permit that will cover all storm drain outfalls in the Pearl Harbor Naval Complex.

4l.

YES/NO

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

Explain: Bilge water is currently disposed of through the use oil waste rafts (donuts). COMNAVBASE Pearl Harbor is implementing a plan to phase out donuts by OCT 94 and construct a bilge water collection and treatment system to include SUBASE in FY 95. The overall COMNAVBASE plan is to eliminate the use of donuts and collect all bilge water ashore. SUBASE Pearl Harbor will program a MILCON project which will expand the COMNAVBASE collection system by installing pier collection risers and associated piping in FY97.

TYCOM NOTE: SUBASE PEARL HARBOR IS CURRENTLY DEVELOPING MILCON PROJECT DOCUMENTATION FOR P-151, OILY WASTE SYSTEM, WHICH WILL BE SUBMITTED BY COMSUBPAC FOR FY97/98 FUNDING (\$1.5M)

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO
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4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

N/A. SUBASE, Pearl Harbor does not own any of the aforementioned facilities. However, those facilities and services provided by other commands in the Pearl Harbor Naval Complex will be adequate for projected expansion of SUBASE mission requirements.

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

No.

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCA) in which the base is located? <u>State of Hawaii</u>
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCA? <u>No</u> . List site, location and name of AQCA.

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

Site: SUBASE, Pearl Harbor

AQCA: State of Hawaii

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year ¹	Comments ²
CO	X				
Ozone	X				
PM-10	X				
SO ₂	X				
NO ₂	X				
Pb	X				

¹ Based on national standard for Non-Attainment areas or SIP for Maintenance areas.

² Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

N/A. The AQCA is already in attainment status.

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

Emission Sources (Tons/Year) [CY 1993]					
Pollutant	Permitted Stationary	Personal * Automobiles	Aircraft Emissions	Other * Mobile	Total
CO	0.14	N/A	0	N/A	0.14
NOx	0.6	N/A	0	N/A	0.6
VOC	0.0	N/A	0	N/A	0.0
PM10	0.02	N/A	0	N/A	0.02

Source Document: Annual Emission and Fee Summary Sheet for Covered Sources (PACNAVFACENGCOCM, MAR 94)

CO:

Source

Boilers

#2387	$(5 \text{ lb/1000 gal}) \times (51,000 \text{ gal/yr}) = 0.12 \text{ ton/yr}$
#2388	2000 lb/ton

Boilers

#229116	$(5 \text{ lb/1000 gal}) \times (8300 \text{ gal/yr}) = 0.02 \text{ ton/yr}$
#2381	2000 lb/ton
#2357	
#2249	
#2373	
#2390	
#2381	
#2374	
#2335	
#2336	
#2338	
#2337	
#2340	
#2339	total CO = 0.14 ton/yr

NOx

Source:

Boilers

#2387	$(20 \text{ lb/1000 gal}) \times (51,000 \text{ gal/yr}) = 0.52 \text{ ton/yr}$
#2388	2000 lb/ton

Boilers

#229116	$(20 \text{ lb/1000 gal}) \times (8300 \text{ gal/yr}) = 0.08 \text{ ton/yr}$
#2381	2000 lb/ton
#2357	
#2249	
#2373	
#2390	
#2381	
#2374	
#2335	
#2336	
#2338	
#2337	
#2340	
#2339	total NOx = 0.60 ton/yr

VOC

Source:

Boilers

#2387	$(0.34 \text{ lb/1000 gal}) \times (51,000 \text{ gal/yr})$	= 0.00 ton/yr
#2388	2000 lb/ton	

Boilers

#229116	$(0.34 \text{ lb/1000 gal}) \times (8300 \text{ gal/yr})$	= 0.00 ton/yr
#2381	2000 lb/ton	

#2357

#2249

#2373

#2390

#2381

#2374

#2335

#2336

#2338

#2337

#2340

#2339

total VOC = 0.0 ton/yr

PM10

Source:

Boilers

#2387	$(1.08 \text{ lb/1000 gal}) \times (51,000 \text{ gal/yr})$	= 0.02 ton/yr
#2388	2000 lb/ton	

Boilers

#229116	$(1.08 \text{ lb/1000 gal}) \times (8300 \text{ gal/yr})$	= 0.00 ton/yr
#2381	2000 lb/ton	

#2357

#2249

#2373

#2390

#2381

#2374

#2335

#2336

#2338

#2337

#2340

#2339

total PM10 = 0.02 ton/yr

Change
465-CPF
JUN 94

SUBASE does not operate any aircraft.

* Personal automobiles and Other Mobile sources are not included because State of Hawaii regulations do not require such data to be collected.

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

CPF NOTE: Data is for Calendar Year for 1993 vice Fiscal Year 1993

Emissions Sources (Tons/Year) [CY 1993]					
Pollutant	Permitted Stationary	Personal * Automobiles	Aircraft Emissions	Other * Mobile	Total
CO	0.14	N/A	0	N/A	0.14
NOx	0.6	N/A	0	N/A	0.6
VOC	0.0	N/A	0	N/A	0.0
PM10	0.02	N/A	0	N/A	0.02

Source Document: Annual Emission and Fee Summary Sheet for Covered Sources (PACNAVFACENCOM, MAR 94)

CO:

Source

Boilers

#2387 $(5 \text{ lb}/1000 \text{ gal}) \times (51,000 \text{ gal/yr}) = 0.12 \text{ ton/yr}$
 #2388 2000 lb/ton

Boilers

#229116 $(5 \text{ lb}/1000 \text{ gal}) \times (8300 \text{ gal/yr}) = 0.02 \text{ ton/yr}$
 #2381 2000 lb/ton

#2357

#2249

#2373

#2390

#2381

#2374

#2335

#2336

#2338

#2337

#2340

#2339

total CO = 0.14 ton/yr

NOx

Source:

Boilers

#2387	$(20 \text{ lb/1000 gal}) \times (51,000 \text{ gal/yr}) = 0.52 \text{ ton/yr}$
#2388	2000 lb/ton

Boilers

#229116	$(20 \text{ lb/1000 gal}) \times (8300 \text{ gal/yr}) = 0.08 \text{ ton/yr}$
#2381	2000 lb/ton

#2357

#2249

#2373

#2390

#2381

#2374

#2335

#2336

#2338

#2337

#2340

#2339

total NOx = 0.60 ton/yr

VOC

Source:

Boilers

#2387	$(0.34 \text{ lb/1000 gal}) \times (51,000 \text{ gal/yr}) = 0.00 \text{ ton/yr}$
#2388	2000 lb/ton

Boilers

#229116	$(0.34 \text{ lb/1000 gal}) \times (8300 \text{ gal/yr}) = 0.00 \text{ ton/yr}$
#2381	2000 lb/ton

#2357

#2249

#2373

#2390

#2381

#2374

#2335

#2336

#2338

#2337

#2340

#2339

total VOC = 0.0 ton/yr

10

Source:

Boilers

$$\begin{array}{l} \#2387 \\ \#2388 \end{array} \quad \frac{(1.08 \text{ lb/1000 gal}) \times (51,000 \text{ gal/yr})}{2000 \text{ lb/ton}} = 0.02 \text{ ton/yr}$$

Boilers

$$\begin{array}{l} \#229116 \\ \#2381 \end{array} \quad \frac{(1.08 \text{ lb/1000 gal}) \times (8300 \text{ gal/yr})}{2000 \text{ lb/ton}} = 0.00 \text{ ton/yr}$$

#2357

#2249

#2373

#2390

#2381

#2374

#2335

#2336

#2338

#2337

#2340

#2339

$$\text{total PM10} = 0.02 \text{ ton/yr}$$

SUBASE does not operate any aircraft.

* Personal automobiles and Other Mobile sources are not included because State of Hawaii regulations do not require such data to be collected.

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

Considering all proposed expansions of capabilities and increases in pier loading, air emissions are not expected to increase significantly in the future.

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

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

5h. Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs?

No.

6. ENVIRONMENTAL COMPLIANCE

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

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	YES	10	50	100	150	330	430
Hazardous Waste	NO	0	0	0	0	0	0
Safe Drinking Water Act	NO	40	200	0	0	0	0
PCBs	YES	N/A	N/A	N/A	N/A	N/A	N/A
Other (non-PCB) Toxic Substance Control Act	NO	N/A	N/A	N/A	N/A	N/A	N/A
Lead Based Paint	NO	600	600	900	150	1,100	1,000
Radon	YES	0	0	0	0	0	0
Clean Water Act	YES	520	150	175	175	200	200
Solid Waste	NO	0	0	0	0	0	0
Oil Pollution Act	YES	25	0	0	250	0	0
USTs	YES	350	1,210	0	0	0	0
Other Asbestos	YES	912	250	250	300	650	700
M-CON Dredging	NO	500	250	250	500	250	250
NEPA Compliance	NO	0	300	300	400	800	900
Total		2,957	2,410 3,010	1,075 1,975	1,775 1,925	2,230 3,330	2,480 3,480

Provide a separate list of compliance projects in progress or required, with associated cost and

estimated start/completion date.

TYCOM NOTE: ADDITION ERRORS CORRECTED BY TYCOM AND ENTERED IN BOLD UNDER STATION INPUT.

Air

FY94: \$10K for permit applications.
 FY95: \$50K for permit applications and annual fees.
 FY96: \$90K for Title III and Title V compliance.
 \$10K for annual fees.
 FY97: \$138K for Title III and Title V compliance.
 \$12K for annual fees.
 FY98-99: \$30K for annual fees
 \$300K for Title III and Title V compliance.
 FY00-01: \$35K for annual fees.
 \$70K for permit applications.
 \$325K for Title III and Title V compliance.

Drinking Water

FY94: \$40K for cross-connection survey.
 FY95: \$200K for cross-connection control corrections.

PCBs and Toxic Substance Control Act

Programs managed and funded by PWC Pearl Harbor.

Lead Based Paint

FY94: \$600K for remediation of B-654 BEQ.
 FY95: \$600K for remediation of B-683 IMA.
 FY96: \$900K for remediation of B-1366 BOQ.
 FY97: \$50K for remediation of B-1496.
 \$100K for remediation of B-1732.
 FY98-99: \$1,100K for remediation of B-1729 BOQ.
 FY00-01: \$1,000K for remediation of undetermined buildings.

Clean Water Act

FY94: \$505K for storm water pollution control plan.
 \$15K for design of vehicle wash rack.
 FY95: \$150K for construction of vehicle wash rack.
 FY96: \$25K for Dockside Chlorinator Unit (DCU) NPDES permit.
 \$150K for compliance.
 FY97: \$25K for AFDM-6 NPDE permit.
 \$150K for compliance.
 FY98-99: \$50K for storm water NPDES permit.
 \$150K for compliance.
 FY00-01: \$50K for DCU NPDES permit.
 \$150K for compliance.

Oil Pollution Act

FY94: \$25K for SPCC Plan
 FY97: \$250K for bilge water processing system pier risers and associated piping. USTs
 FY94: \$350K for design of replacement of remaining non-compliant USTs.
 FY95: \$1,210K for tank replacements, removal of NEX gas station USTs, and site remediations.

Asbestos

FY94: \$912K for removal of asbestos in B-654, BEQ.
 FY95: \$250K for removal of asbestos in undetermined buildings.
 FY96: \$250K for removal of asbestos in undetermined buildings.
 FY97: \$300K for removal of asbestos in undetermined buildings.
 FY98-99: \$300K for removal of asbestos in FY98 in undetermined buildings.
 \$350K for removal of asbestos in FY99 in undetermined buildings.
 FY00-01: \$350K for removal of asbestos in FY00 in undetermined buildings.
 \$350K for removal of asbestos in FY01 in undetermined buildings.

Dredging

FY94: \$500K for soil sampling and spoil disposal for M-CON P-117.
 FY95: \$250K for soil sampling and spoil disposal for M-CON P-117.
 FY96: \$250K for soil sampling and spoil disposal for M-CON P-117.
 FY97: \$500K for soil sampling and spoil disposal for M-CON P-097.
 FY98-99: \$250K for soil sampling and spoil disposal for M-CON P-097.
 FY00-01: \$250K for soil sampling and spoil disposal for M-CON P-097.

6b.

Does your base have structures containing asbestos? Yes. What % of your base has been surveyed for asbestos? 15%. Are additional surveys planned? Yes. What is the estimated cost to remediate asbestos (\$K) 10,000. Are asbestos survey costs based on encapsulation, removal or a combination of both?

Asbestos survey costs are based solely on removal.

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

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN								
HA	0	0	0	0	0	0	0	0
PA	0	201	1,433	1,560	500	550	1,200	1,300
Other O&MN (E4, FT/FX)	1,289	1,561	1,075	1,642 1,640	2,572 2,571	2,859 2,856	6,500	7,100
Other (specify)	0	0	0	0	0	0	0	0
TOTAL	1,289	1,762	2,508	3,202 3,200	3,072 3,071	3,409 3,406	7,700	8,400

TYCOM NOTE: ADDITION ERRORS CORRECTED BY TYCOM AND ENTERED IN BOLD UNDER STATION INPUT. THE DIFFERENCE BETWEEN THE PREVIOUS TABLE AND THE CALCULATIONS ON THE THIS PAGE ARE DUE TO ROUNDING FROM WHOLE NUMBERS TO THOUSANDS. TYCOM HAS CORRECTED THE TABLE TO REFLECT THE CORRECT NUMBERS.

FY92:

FX	\$844K
FT	\$445K
PA	\$0

FY93:

FX	\$1,107K
FT	\$454K
PA	\$210K (201K)
Stormwater	\$120K
X-Connection Survey	\$75K
RCRA Fac. Invest.	\$6K

FY94:

FX	\$331K
FT	\$744K
PA	\$1,433K
Asbestos O&M Plan	\$250K
Veh. Washrack const.	\$15K
X-Connection Control	\$40K
Sediment Sampling	\$150K
Solid Waste	\$100K
SPCC Plan	\$25K
USTs	\$200K
Poll. Prevent. Survey	\$50K
Stormwater	\$503K
Tanks	\$100K

FY95:

FX	\$520K
Air Permits & Fees	\$50K
Stormwater	\$150K
EPCRA Compliance	\$100K
USTs	\$20K
Water Quality Testing	\$200K
FT	\$1120K
HW/RAD Disposal	\$445K
Lab Costs	\$360K
IWT Disp.	\$150K
Emulsified Oil	\$10K
HW Support	\$73K

OWS Maint.	\$7K
Rag Recycling	\$75K

PA	\$1,560K
USTs	\$1,110K
X-Connections	\$150K
Veh. Washrack Const.	\$150K
EPCRA	\$150K

FY96:

FX	\$1,341K
Air Permits & Fees	\$10K
Stormwater	\$150K
CWA Permits	\$25K
USTs	\$22K
Bilge Water Disposal	\$1,134K

FT	\$1,230K
HW/RAD Disposal	\$460K
Lab Costs	\$395K
IWT Disp.	\$175K
Emulsified Oil	\$15K
HW Support	\$80K
OWS Maint.	\$10K
Rag Recycling	\$95K

PA	\$500K
----	--------

FY97:

FX	\$1,576K
Air Permits & Fees	\$12K
Stormwater	\$165K
CWA Permits	\$25K
USTs	\$25K
Bilge Water Disposal	\$1,349K

FT	\$1,280K
HW/RAD Disposal	\$505K
Lab Costs	\$400K
IWTP Disp.	\$175K
Emulsified Oil	\$15K
HW Support	\$80K
OWS Maint.	\$10K
Rag Recycling	\$95K

PA	\$550K
----	--------

FY98-99:

FX	\$3,500K
FT	\$3,000K

PA \$1,200K

FY00-01:

FX \$3,800K

FT \$3,300K

PA \$1,300K

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.

No.

7. INSTALLATION RESTORATION

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	YES

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

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² /Comments
Pearl Harbor Subsurface Fuel Area #2	CERCLA	YES	NO	NO	UNKNOWN, cost to be determined by study	PA Site managed by COMNAVBASE Pearl Harbor

¹ Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

² Status = PA, SI, RI, RD, RA, long term monitoring, etc.

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.

No.

7d.

Is there a groundwater treatment system in place?	NO
Is there a groundwater treatment system planned?	NO

State scope and expected length of pump and treat operation.

N/A. There is no groundwater treatment system in place or planned.

7e.

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

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

No.

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

No.

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

No.

7i.

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

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations?

No.

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions.

None.

8. LAND / AIR / WATER USE

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

Parcel Descriptor	Acres	Location
Main Base	125	Pearl Harbor Naval Complex

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

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		125
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)	Wetlands:	0
	All Others:	0
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		0
Total Undeveloped land considered to be without development constraints		0
Total Off-base lands held for easements/lease for specific purposes		0
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	0
	HERF	0
	HERP	0
	HERO	0
	AICUZ	0
	Airfield Safety Criteria	0
	Other	0

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. 0

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

N/A. SUBASE does not operate aircraft.

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

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

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

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)
N/A	N/A	N/A	N/A	N/A	N/A

All maintenance dredging for the Pearl Harbor Basin is controlled by Naval Station, Pearl Harbor.

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

Year	M-CON #	Description	Location	Depth(ft)	Volume(cy)
FY94	P-117	General Purpose/Berthing Wharf	Y-2	41	18,000
FY96	P-097	Reconstruct Pier	S-8/9	41	90,000

8h.

Are there available designated dredge disposal areas for maintenance dredging material? List location, remaining capacity, and future limitations.	N/A
Are there available designated dredge disposal areas for new dredge material? List location, remaining capacity, and future limitations.	YES
Are the dredged materials considered contaminated? List known contaminants.	YES

SUBASE does not control maintenance dredging.

New material disposal site: South Oahu Disposal Site (5NM south of Pearl Harbor entrance), unlimited capacity, all Pearl Harbor dredge spoil is considered part of the Subsurface Fuel NPL and must be tested before it can be disposed of at this site.

All dredged material from the Pearl Harbor Basin is considered to be contaminated with petroleum unless sampling and testing proves otherwise.

8.i. List any requirements or constraints resulting from consistency with State Coastal Zone Management Plans.

None.

8j. Describe any non-point source pollution problems affecting water quality ,e.g.: coastal erosion.

None.

8k.

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

8l. List any other areas on your base which are indicated as protected or preserved habitat other than threatened/endangered species that have been listed in Section 1. List the species, whether or not treated, and the acres protected/preserved.

None.

9. WRAPUP

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

No.

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

Industrial Wastewater Discharge Certificates are required for discharges to the PWC, Pearl Harbor, sanitary sewer system. All of SUBASE's industrial discharges are properly permitted and no problems are anticipated.

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

None.

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

While it is not known for certain, and not anticipated, compliance with the Clean Air Act Amendments could limit further increases in productivity. Current permitting guidelines treat the Pearl Harbor Naval Complex as a single source for air permitting purposes. Thus, the emissions of all members of the complex are added and must comply with the limits of a single source. If emissions limits of a particular pollutant for the entire complex are already met or exceeded, any future growth or increases of that particular pollutant by any member of the Pearl Harbor Naval Complex could be restricted. At the current time, it is not anticipated that the emissions for Pearl Harbor will cause any problems or restrictions on future growth of the complex.

BRAC-95 CERTIFICATION DATA CALL THIRTY THREE

SUBASE PEARL HARBOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD

NAME (Please type or print)

Commander In Chief (Acting)

Title


Signature

1 Jul 94
Date

U. S. Pacific Fleet

Activity

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

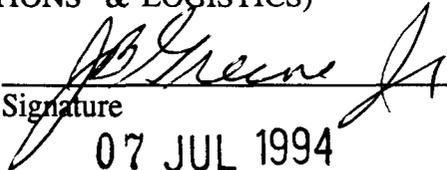
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. GREENE, JR.

NAME (Please type or print)

ACTING

Title


Signature

07 JUL 1994
Date

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

NEXT ECHELON LEVEL (if applicable)

J. M. BARR
NAME (Please type or print)

JMB
Signature
5/31/94
Date

Commander
Title

Commander Submarine Force,
Activity U.S. Pacific Fleet

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print)

Signature

Title

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

CAPT M. L. McHUGH
NAME (Please type or print)
Commanding Officer
Title
SUBASE, Pearl Harbor
Activity



Signature
27 May 1994

Date

BRAC-95 CERTIFICATION

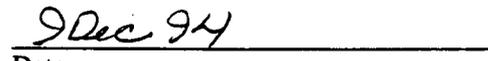
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title



Signature



Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12/9/94
Date

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title


Signature
12/11/94
Date

BRAC-95 CERTIFICATION

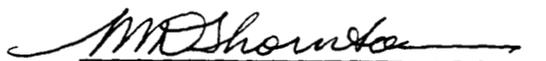
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MICHAEL D. THORNTON
NAME (Please type or print)

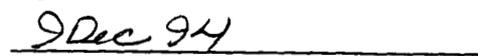
CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity



Signature



Date

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature

12/9/94
Date

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title



Signature

12/17/94
Date

BRAC-95 CERTIFICATION

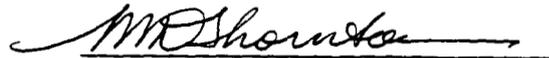
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature


Date

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12/9/94
Date

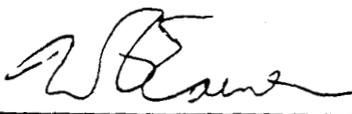
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title


Signature
12/17/94
Date

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:		PEARL HARBOR HI NSB		
Unit Identification Code (UIC):		N00314		
Major Claimant:		PACFLT		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
1996	097	BERTHING PIER	MCON	22,500
		Sub-Total - 1996		22,500
1998	123	BERTHING WHARF	MCON	26,000
		Sub-Total - 1998		26,000
1999	118	CHILD DEV CTR ADDITION	MCON	1,600
1999	151	OILY WASTEWTR TRMT SYS	MCON	2,000
		Sub-Total - 1999		3,600
2000	112	BACH ENL QTRS MODERN	MCON	4,000
2000	131	SECURITY FENCE	MCON	1,725
2000	152	OPCON CENTER	MCON	7,000
		Sub-Total - 2000		12,725
2001	017	PHYSICAL FITNESS CENTER	MCON	4,100
2001	122	BACH OFF QTRS RENOVATION	MCON	5,400
2001	148	BACH ENLIST QTRS MODN	MCON	4,790
		Sub-Total - 2001		14,290

(Revised 9 Dec 94)

(* - Cost Avoidance is less than project programmed amount)

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title


Signature

9 Dec 94
Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature

12/9/94
Date

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title


Signature

12/11/94
Date

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Jack E Buffington
Signature

COMMANDER
Title

7/13/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

W A Earner
Signature

Title

7/18/94
Date

BRAC-95 CERTIFICATION

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

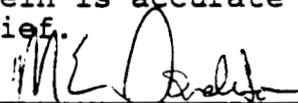
MARK E. DONALDSON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12 July 1994
Date

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,
2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,
3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than \$15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:		PEARL HARBOR HI NSB		
Unit Identification Code (UIC):		N00314	#39	
Major Claimant:		PACFLT		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
1996	097	BERTHING PIER	MCON	22,500
		Sub-Total - 1996		22,500
1998	123	BERTHING WHARF	MCON	26,000
		Sub-Total - 1998		26,000
1999	089	SUPPLY WAREHOUSE	MCON	6,000
1999	118	CHILD DEV CTR ADDITION	MCON	1,600
1999	122	BACH OFF QTRS RENOVATION	MCON	5,400
1999	151	OILY WASTEWTR TRMT SYS	MCON	2,000
		Sub-Total - 1999		15,000
2000	110	SMALL ARMS RANGE	MCON	516
2000	112	BACH ENL QTRS MODERN	MCON	4,000
2000	131	SECURITY FENCE	MCON	1,725
2000	137	WHARF RECONSTRUCTION	MCON	11,977
2000	148	BACH ENLIST QTRS MODN	MCON	4,790
2000	152	OPCON CENTER	MCON	7,000
		Sub-Total - 2000		30,008

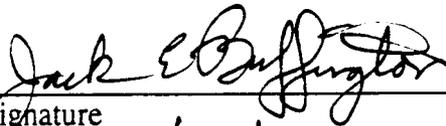
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
2/13/94
Date

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title


Signature
2/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12 July 1994
Date

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,
2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,
3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than \$15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.

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**DATA CALL 63
 FAMILY HOUSING DATA**

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

Installation Name:	SUBASE PEARL HARBOR
Unit Identification Code (UIC):	N00314
Major Claimant:	CINCPACFLT

Percentage of Military Families Living On-Base:	78%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget (\$000):	\$558
Total Number of Officer Housing Units:	6
Total Number of Enlisted Housing Units:	52

Note: All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

Enclosure (1)

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Jack Buffington
Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

W. A. Earner
Signature

Title

7/25/94
Date

DATA CALL 63
BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

L. R. PYLANT, CAPT, CEC, USN
NAME

Acting Commander
Title

Pacific Division
Naval Facilities Engineering Command
Activity


Signature

15 July 1994

Date

39

Activity UIC: 00314

MILITARY VALUE ANALYSIS

DATA CALL WORK SHEET

FOR NAVY BASE: SUBASE, PEARL HARBOR

BASE PRIMARY UIC: 00314

(Insert this UIC in "Header A" on every page)

Category.....Operational Support

Sub-category.....Naval Bases

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

Activity UIC: 00314

Naval Station Listing

Type	Title	Location
SUBMARINE BASE	NAVSUBBASE NEW LONDON	GROTON CT
NAVAL STATION	NAVAL STATION ANNAPOLIS	ANNAPOLIS MD
AMPHIBIOUS BASE	NAVPHIBASE LITTLE CREEK	NORFOLK VA
NAVAL STATION	NAVAL STATION NORFOLK	NORFOLK VA
SUBMARINE BASE	NAVSUBBASE KINGS BAY	KINGS BAY GA
NAVAL STATION	NAVAL STATION MAYPORT	MAYPORT FL
NAVAL STATION	NAVAL STATION PASCAGOULA	PASCAGOULA MS
NAVAL STATION	NAVAL STATION INGLESIDE	INGLESIDE TX
NAVAL STATION	NAVAL STATION ROOSEVELT ROADS	ROOSEVELT ROADS PR
SUBMARINE BASE	SUBMARINE BASE BANGOR	SILVERDALE WA
NAVAL STATION	NAVAL STATION EVERETT	EVERETT WA
NAVAL STATION	NAVAL STATION SAN DIEGO	SAN DIEGO CA
NAVPHIBASE	CORONADO CA	SAN DIEGO CA
NAVAL AIR STATION	NAVAL AIR STATION NORTH ISLAND	SAN DIEGO CA
NAVAL STATION	NAVAL STATION PEARL HARBOR	PEARL HARBOR HI
SUBMARINE BASE	SUBMARINE BASE SAN DIEGO	SAN DIEGO CA
SUBMARINE BASE	SUBMARINE BASE PEARL HARBOR	PEARL HARBOR HI
NAVAL STATION	NAVAL STATION GUAM	GUAM

Data for Military Value Analysis**Table of Contents**

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Base Infrastructure and Investment

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

Table 1.1 **Capital Improvement Expenditure**

Project	Description	Fund Year	Value
N62471-86-C-2481	BLDG. 521 - UPGRADE WHARF FOR CRANE LOADING DELETE REFERENCE TO BLDG 521. CORRECT STRUCTURE NOMENCLATURE IS WHARF S-21	FY88	\$105,110
N62471-85-C-2702	BLDG. 1496 - HEATING, VENTILATION AND A/C IMPROVEMENT	FY88	\$31,222
N62471-85-C-2702	BLDG. B1492 - HEATING, VENTILATION AND A/C IMPROVEMENT	FY88	\$31,222
N62471-85-C-2702	BLDG. B1366 - HEATING, VENTILATION AND A/C IMPROVEMENT	FY88	\$31,222
N62471-85-C-2702	BDLG. B654 - HEATING, VENTILATION AND A/C IMPROVEMENT	FY88	\$31,223
N62471-87-C-2405	BLDG. B1341 - ENERGY CONSERVATION MEASURE TO HVAC SYS	FY88	\$87,314
N62471-87-C-2407	BLDG. 1310 - NEW CMS VAULT	FY88	\$98,800
N62471-86-C-2303	BLDG. B661 - TEST STND SYS AND RELOCATE SHIP HYDRAULIC	FY88	\$144,893
N62471-86-C-2482	BLDG. B661 - EMERGENCY COMMUNICATION CENTER	FY88	\$77,811
N62471-86-C-1552	BLDG. B661 - ALTERATION TO ADD PLASTISOL SHOP	FY88	\$154,426
N62471-86-C2430	SECURITY FENCE - SUBASE SECURITY FENCE	FY89	\$146,850
N62471-85-1703	BLDG. B1497 - CONSTRUCT HVAC	FY89	\$778,506

Activity UIC: 00314

N62471-85-1703	BLDG. B1496 - CONSTRUCT HVAC	FY89	\$120,755
MILCON P-077	VARIOUS BLDGS. - SHORE INTERMEDIATE MAINTENANCE ACTIVITY	FY89	\$1,650,000
MILCON P-095	WHARF S21 - DREDGING WHARF TO BERTH (DREDGING COST ONLY) CONSTRUCTION DREDGING TO PROVIDE SSBN CAPABLE BERTH	FY89	\$361,057
PP-827-3301200	BLDG. B711 - RENOVATION OF EM RESTROOMS	FY89	\$54,070
PP-827-301400	BLDG. B1742 - MILLICAN FIELD CONCESSION STAND	FY89	\$35,815
87-C2584	BLDG. (WHARF) S21 - SECURITY LIGHTING FOR S21	FY89	\$181,464
PPB273301100	BLDG. S957 - FENCE FOR POOL AREA	FY89	\$38,300
88-C-2372	BLDG. B667 - GYM ADDITION (MEZZANINE)	FY89	\$181,464
N62471-86-C238	FIBER OPTIC	FY90	\$80,382
N62471-87-C2565	BLDG. 1322 - U.P.S.	FY90	\$111,214
CM18-86	WHARF S20 - AFDM-6 DREDGING	FY90	\$260,256
C12-81	BLDG. B989 - INSTALL AUTO FIRE SPRINKLER	FY90	\$56,172
P085 N62742-87-C1302	BLDG. B1736 - BOWLING ALLEY	FY90	\$3,940,000
N/A	BLDG. B1664 - MILLICAN FIELD CONCESSION STORAGE	FY90	\$16,000
N/A	BLDG. B1663 - OFFICER POOL BATH HOUSE	FY90	\$71,811
N/A	BLDG. B1666 - TENNIS COURT PAVILION	FY90	\$85,250
N/A	BLDG. B1665 - POOL PICNIC SHELTER	FY90	\$39,800
83-C1726	BLDG. B1668 - LDX/NITRO CHEM ROOM	FY90	\$31,827

Activity UIC: 00314

83-C1390	BLDG. B1667 - STORAGE (SUBROOM)	FY90	\$281,768
86-C1366	BLDG. B1262 - MCON P019	FY90	\$1,972,702
C16-87	BLDG. B1616 - TENNIS FACILITY INSP	FY90	\$72,000
87-C-1302 MILCON P-085	PARKING LOT DELETE REFERENCE TO MILCON P-085. THIS WAS A DATA ENTRY ERROR.	FY91	\$52,817
88-C8585 MILCON P-088	BULKHEAD REPLACEMENT	FY91 FY88	\$1,131,299
N/A	BLDG. B1749 - SHELF HELP SHOP	FY91	\$85,000
88C-2365	BLDG. B1755 - HANDBALL/RACQUET BALL COURT	FY92	\$187,523
90C-2362	BLDG. B661 - RENOVATE 2ND DECK	FY92	\$233,816
91C-2311	BLDG. B681 - INSTALL FIRE SPRINKLER SYSTEM	FY93	\$79,829
91C-2471	BLDG. B1650 - INSTALL BURN (CONTAIN AREA)	FY93	\$42,710
91C-2343	BLDG. S991 - PROVIDE FIELD LIGHTING	FY93	\$119,000
MILCON P-114	WHARF - UPGRADE ELECT. DIST. SYS. S10, S-11, AND S-21A	FY93	\$1,750,000
SHP#2-080	BLDG. B679 - CONVERT STORAGE AREA INTO RELIGIOUS EDUCATION CENTER	FY93	\$128,995
N/A	BLDG. B416 - RENOVATE STORAGE ROOM	FY93	\$111,500
SH3-013	BLDG. B584 - RENOVATE BLDG.	FY94	\$75,000
MILCON P-108	BLDG. B1766 - CONSTRUCT CONTROLLED INDUSTRIAL FACILITY CIF	FY94 FY89	\$19,000,000
MILCON P-116	WHARF Y3A - CONSTRUCT GEN PURPOSE BERTHING	FY94 FY90	\$18,600,000
MILCON P-120	WHARF Y3B - CONSTRUCT GEN PURPOSE BERTHING	FY94 FY92	\$13,000,000

TYCOM NOTE: WITH THE EXCEPTION OF MILCON AND SPECIAL PROJECTS, PROJECT NUMBERS PROVIDED BY STATION REFER TO THE ENGINEERING FIELD DIVISION OR PWC PEARL HARBOR CONTRACT NUMBER USED TO ACCOMPLISH THE SUBJECT PROJECT. PROJECTS FOR WHICH THE TYCOM HAS ENTERED "N/A" ARE LOCAL PROJECTS ACCOMPLISHED THROUGH SELF-HELP FOR WHICH NO FORMAL PROJECT NUMBER EXISTS. CORRECT FUND YEAR FOR MILCON PROJECTS ENTERED IN BOLD BY TYCOM. VARIOUS CORRECTIONS IN PROJECT NOMENCLATURE ENTERED BY TYCOM IN BOLD. NO PROJECTS ARE THE RESULT OF BRAC ACTIONS.

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

Table 2.1 Planned Capital improvements

Project	Description	Fund Year	Value
CR21-94	BLDG 661 - RENOVATE/REPAIR BUILDING	FY95	\$280,000
RC20-91	BLDG. B1341 - RENOVATE/REPAIR BUILDING	FY95	\$290,000
UNKNOWN	CONSTRUCT GUARD HOUSE & FENCE FOR IMA AREA	FY95	\$250,000
RC1-93	BLDG. B679 - PROVIDE FIRE PROTECTION	FY95	\$30,000
RC16-94	BLDG. B692 - PROVIDE FIRE PROTECTION	FY95	\$40,000
RC8-92	BLDG. B667 - PROVIDE FIRE PROTECTION	FY95	\$30,000
P-126	BLDG. B654 - MILCON P-126, GALLEY RENOVATION	FY95 FY94	\$2,640,000
MILCON P-115	BLDG. B1170 - MILCON P-115, IMA	FY95 FY92	\$39,000,000
CR28-94	BLDG. B651 - RENOVATE/REPAIR BUILDING	FY96	\$200,000
RC29-94	BLDG. B674 - RENOVATE/REPAIR BUILDING	FY96	\$200,000
UNKNOWN	BLDG. B667 - CONVERT BUILDING	FY96	\$290,000
UNKNOWN	BLDG. B638 - EXPAND STATION E BUILDING	FY96	\$280,000

Project	Description	Fund Year	Value
MILCON P-117	WHARF Y-2, GENERAL PURPOSE/BERTHING WHARF, Y-2	FY96 FY94	\$26,000,000
P-097	RECONSTRUCT PIERS S-8/9	FY96	\$22,500,000
MILCON P-141	BLDG. 1231, BEQ	FY96 FY94	\$29,900,000
UNKNOWN	BLDG. B681 - RENOVATE/REPAIR BUILDING	FY97	\$50,000
UNKNOWN	BLDG. B683 - RENOVATE/REPAIR BUILDING	FY97	\$50,000
UNKNOWN	BLDG. B683 - PROVIDE FIRE PROTECTION SYSTEM	FY97	\$20,000
UNKNOWN	BLDG. B416 - PROVIDE FIRE PROTECTION SYSTEM	FY97	\$10,000
UNKNOWN	BLDG. B417 - PROVIDE FIRE PROTECTION SYSTEM	FY97	\$10,000
UNKNOWN	BLDG. 445 - PROVIDE FIRE PROTECTION SYSTEM	FY97	\$10,000

TYCOM NOTE: MISSING AND INCORRECT DATA DISCUSSED WITH STATION ON 6 JUN 94 AND ENTERED IN BOLD BY TYCOM. PROJECTS DENOTED AS "UNKNOWN" HAVE NO PROJECT NUMBERS ASSIGNED AT THIS TIME.

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

Table 2.2 Planned BRAC Capital improvements

Project	Description	Fund Year	Value
NONE			

3. Using 1988 through 1993 as a basis, list the annual average **cubic yards of dredge spoils** created from **maintenance dredging** of both **pier/wharf** areas and **navy maintained channels**. Provide the average cost to dredge and dispose of these spoils over the given years. If all required maintenance dredging has not been accomplished, estimate the cubic yards that should have been removed, the cost to remove them, and the reason that the required maintenance dredging was not accomplished. If dredging is infrequently required, indicate in remarks the requested data and the year the dredging was last accomplished.

Table 3.1 Maintenance Dredging

Year	Pier/Wharf Areas		Navy Maintained Channels		Deferred Dredging		
	Cu Yds	Cost	Cu Yds	Cost	Reason	Cu Yds	Cost
1988	Subase				funding	160,000	\$2.4M
1989	Same as above				same	same	same
1990	Same as above				same	same	same
1991	Same as above				same	same	same
1992	Same as above				same	same	same
1993	Same as above				same	same	same
1994	Same as above				same	same	same

Remarks: None. (SEE TYCOM NOTE NEXT PAGE)

TYCOM NOTE: TYCOM DOES NOT AGREE WITH ABOVE TABLE. AS SHOWN IN TABLE 1.1, MAINTENANCE DREDGING WAS CONDUCTED IN FY90 UNDER SPECIAL PROJECT CM18-86 FOR WHARF S-20, BERTH FOR THE FLOATING DRYDOCK AFDM-6. NAVSTA PEARL HARBOR HAS OVERALL RESPONSIBILITY FOR MAINTENANCE DREDGING IN THE PEARL HARBOR COMPLEX AND AS SUCH SUBASE PEARL HARBOR SHOULD NOT LIST ANY MAINTENANCE DREDGING BACKLOG UNDER THEIR PROJECT LISTING. ALL DREDGING SCHEDULED FOR SUBASE PIERS/WHARVES IS THE RESULT OF PROGRAMMED WATERFRONT MODERNIZATION AND WILL BE COMPLETED AS PART OF THE PROGRAMMED MILCON TO BRING THE PIERS/WHARVES INTO FULL COMPLIANCE WITH CURRENT DESIGN STANDARDS.

TYCOM NOTE: MISSING PROJECT NUMBERS OBTAINED FROM STATION ON 6 JUN 94 AND ENTERED IN BOLD BY TYCOM.

4. Vehicle Maintenance Facilities

4.a. List the DOD vehicle and equipment maintenance facilities at your installation and their capabilities.

Table 4.1 Vehicle Maintenance Facilities

Facility Name	CCN	Capabilities
MWR Service Station	740-30	Maintenance and repair

Note: PWC performs vehicle maintenance for most of our vehicles at their facility. For SUBASE owned and operated "golf carts" and Daihatsus, some maintenance is performed "in-house" in various IMA facilities (this work is of a nominal nature).

TYCOM NOTE: THE MWR SERVICE STATION PERFORMS MINOR MAINTENANCE AND REPAIR FOR POV'S ON A REIMBURSABLE BASIS.

TYCOM NOTE: PWC OWNS ALL GOVERNMENT VEHICLES ASSIGNED TO SUBASE PEARL HARBOR AND PERFORMS ALL MAINTENANCE AND REPAIR FOR THESE VEHICLES. THE "GOLF CARTS" AND DAIHATSUS WHICH ARE OWNED BY SUBASE PEARL HARBOR DO NOT FALL UNDER THE NAVFAC P-300 FOR PROCUREMENT AND MANAGEMENT PURPOSES.

4.b. List the civilian (non-DOD) vehicle maintenance facilities that units based at the installation use on a regular basis.

Table 4.2 Commercial Vehicle Maintenance

Facility Name	K\$/yr	Capabilities	Location
None			

5. Describe the types of **improvements to the waterfront** at the base. If waterfront improvements are non-continuous list the length and description of the improvements for each segment.

Reconstruction of Piers/Wharfs

<u>Project No.</u>	<u>Pier/Wharf</u>	<u>Commence Date</u>	
P-117	Y-2	FY94	
P-097	S-8, S-9	FY96	
P-123	S-10, S-11, S-12	FY97	(UNPROGRAMMED)
P-150	S-13, S-14	FY98	(UNPROGRAMMED)
P-124	S-1A, S-1B	FY2001	(UNPROGRAMMED)
P-132	S-20	Unprogrammed	
P-133	Q-1, Q-3	Unprogrammed	
P-137	S-21	Unprogrammed	

TYCOM NOTE: THE ABOVE STATION LIST PROVIDES OUTYEAR IMPROVEMENTS AND DOES NOT PROVIDE HISTORICAL IMPROVEMENTS AS INTENDED BY THE QUESTION. THE FOLLOWING HISTORICAL IMPROVEMENTS TAKEN FROM TABLE 1.1 ARE PROVIDED:

P-088 BULKHEAD REPLACEMENT FOR PIERS S-4/5 AND S-8/9 FY88 1,131K

P-095 DREDGE WHARF S-21 FOR SSBN BERTHING FY89 361K

P-114 UPGRADE SHORE PWR FOR WHARVES S-10, S-11 AND S-21A FY91 1,750K

P-116 CONSTRUCT WHARF Y-3A FY90 18,600K

P-120 CONSTRUCT WHARF Y-3B FY92 13,000K

The following table provides a summary of the "infrastructure data" for each Pier/Wharf at our facility.

Table 5.1

Pier/ Wharf & Age ¹	CCN ²	Moor Length (ft)	Design Dredge Depth ³ (ft) (MLLW)	Slip Width ⁴ (ft)	Pier Width (ft) ⁵	CIA/Security Area? (Y/N) ⁶	ESQD Limit ⁷	# Days OOS for maint.
S-13/14 52 YRS	152-20	385'	35 + 1	100'	28'	N/YES	100'	2
S-20 50 YRS	152-20	600'	55 + 1	175'	45'	N/YES	100'	2

Pier/ Wharf & Age ¹	CCN ²	Moor Length (ft)	Design Dredge Depth ³ (ft) (MLLW)	Slip Width ⁴ (ft)	Pier Width (ft) ⁵	CIA/Security Area? (Y/N) ⁶	ESQD Limit ⁷	# Days OOS for maint.
S-21A 50 YRS	152-20	393.5'	39 + 1	100'	45'	N/YES	100'	2
S-21B 50 YRS	152-20	393.5'	39 + 1	100'	45'	N/YES	100'	2
Y-3A See note 1	152-20	492.5'	40 + 1	150'	60'	N/YES	100'	
Y-3B See note 2	152-20	492.5'	40 + 1	150'	60'	N/YES	100'	
S1A 52 YRS	152-20	542.5	35 + 1	100'	46'	N/YES	100'	2
S1B 52 YRS	152-20	542.5	35 + 1	100'	46'	N/YES	100'	2
S4 50 YRS	151-20	340	35 + 1	100'	40'	N/YES	100'	2
S-5 50 YRS	151-20	340	35 + 1	100'	40'	N/YES	100'	2
S-8 50 YRS	151-20	350	35 + 1	100'	47'	N/YES	100'	2
S-9 50 YRS	151-20	350	35 + 1	100'	47'	N/YES	100'	2
S-10 52 YRS	152-20	385	35 + 1	100'	28'	N/YES	100'	2
S-11 52 YRS	152-20	385	35 + 1	100'	28'	N/YES	100'	2
S-12 52 YRS	152-20	385	35 + 1	100'	28'	N/YES	100'	2

¹Original age and footnote a list of MILCON improvements in the past 10 years.

²Use NAVFAC P-80 for category code number.

³Comment if unable to maintain design dredge depth

⁴Water distance between adjacent finger piers.

⁵Indicate if RO/RO and/or Aircraft access. Indicate if pier structures limit open pier space.

⁶Describe the additional controls for the pier.

⁷Net explosive weight. List all ESQD waivers that are in effect with expiration date.

NOTES:

1. Y-3A/B not on line.
2. No previous data on days out of service.

TYCOM NOTE: WHARVES Y-3A AND Y-3B WILL BE COMPLETED IN LATE FY94 OR EARLY FY95. ADDITIONALLY, P-117 SHOWN IN TABLE 2.1 WILL CONSTRUCT WHARF Y-2, WHICH WILL BE COMPLETED IN FY96.

TYCOM NOTE: CORRECTIONS TO STATION TABLE 5.1 ENTERED BY TYCOM IN BOLD TO COINCIDE WITH CORRECTIONS MADE TO TABLE 11.1 IN BRAC DATA CALL SIX.

6. Encroachment Issues:

6.a. What are the ground, training noise, beach gradient, waterway, harbor, explosive quantity distance standard, HERO, HERF, HERP, AICUZ, and airspace **encroachments of record** at each station, base, or facility?

There is no known record of any of the above encroachments at this activity.

6.b. Do current estimates of **population growth and development or environmental constraints** pose problems for the station, base, or facility? Why or why not?

No. Projected population growth does not pose impact on foreseeable base requirements. Environmental constraints are not perceived to present a problem, since we already comply with all known and projected requirements for our area. Our BRAC Data Call #33 addressed this area in more detail, refer to that submission.

6.c. Provide a description of **local zoning ordinances** which might impact on future encroachment.

No local zoning ordinances impede SUBASE's future plans, nor are they anticipated to pose a problem. SUBASE and the Naval presence in Hawaii has maintained amicable relations with the community.

Logistics Support

7. Do you or any of your tenants have **special non-DOD or civilian support** missions? Describe the missions and state which tenant activity performs the mission. If realignments planned between today and FY 1997 will add non-DOD or civilian support missions describe them.

The following non-DOD tenants have "unique" missions that primarily support DOD activities, but they may perform special non-DOD or civilian support missions in addition to their primary mission at SUBASE. The particular areas that they perform services in are listed, and to the extent that their services are provided to authorized civilian non-DOD patrons they meet the broad interpretation of this question.

1. U.S. Post Office - Provides Mail services.
2. Chaminade University - Provides educational opportunities.
3. Hawaii Pacific University - Provides educational opportunities.

No known realignments planned between today and FY 1997 will add non-DOD or civilian support missions.

8. List all **inter-service support agreements (ISSAs)** that involve supporting military (non-DON) and civilian activities at the base.

Table 8.1 Non-DON Support Agreements

Agency/ Service	Tenant name	Tenant UIC/ DODAAC	Description of Support Role	Degree of support
N/A	U.S. Postal Station	N/A	Various facility support functions INCLUDING REAL PROPERTY MAINTENANCE, POLICE, UTILITIES, DISPOSAL AND TELEPHONE SERVICES	minimal
N/A	Chaminade University	N/A	Various facility support functions INCLUDING ADMINISTRATIVE SPACE, REAL PROPERTY MAINTENANCE, AND UTILITIES.	minimal

N/A	Hawaii Pacific University	N/A	Various facility support functions INCLUDING ADMINISTRATIVE SPACE, REAL PROPERTY MAINTENANCE AND UTILITIES.	minimal
DOD	DIS	N68194	PROVIDE POLICE SERVICES, STORAGE AND WAREHOUSING, UTILITIES, REAL PROPERTY MAINTENANCE AND SAFETY.	MINIMAL
CIVILIAN CONTR	PLANNING RESEARCH CORP	N/A	POLICE SERVICES, SAFETY, UTILITIES, REAL PROPERTY MAINTENANCE	MINIMAL
N/A	Newport News Shipbuilding & Drydock Co.	N/A	Various facility support functions INCLUDING ADMINISTRATIVE OFFICE SPACE, REAL PROPERTY MAINTENANCE, POLICE, UTILITIES, DISPOSAL, JANITORIAL AND TELEPHONES.	minimal

TYCOM NOTE: TABLE 8.1 CORRECTED BY TYCOM TO REFLECT COMPLETE SPECTRUM OF SUPPORT PROVIDED BY SUBASE PEARL HARBOR AS SHOWN IN COMSUBPACINST 5440.6A. MISSIONS, FUNCTIONS AND TASKS OF SUBMARINE BASE PEARL HARBOR.

9. List the logistic support facilities (FISC or FISC detachment, Defense Distribution Depot, fuel terminal, weapon station, etc.) located on your base.

Under a recently signed MOU, SUBASE Supply Department operates as a FISC warehouse and storage site. Additionally, SUBASE property is adjacent to the main FISC complex at Pearl Harbor.

10. List the logistic support facilities (FISC or FISC detachment, Defense Distribution Depot, fuel terminal, weapon station, etc.) located off your base but **in the harbor complex**.

FISC, Pearl Harbor (including a Fuel Terminal).

11. Describe any DOD (including DON) air facilities located in the harbor complex.

Hickam AFB, although not considered a part of the harbor complex is adjacent to the harbor complex.

The Ford Island runway located at Naval Station, Pearl Harbor is used only for civilian use. The runway is used for light planes "touch and go" landings under the control of state airport officials. The runway surfaces are severely deteriorated and there are no runway lights.

12. State the location of and distance to the nearest Air Port of Embarkation (APOE)

Hickam AFB (HIK) - 3 miles.
Honolulu International Airport - 3 miles.

13. State the location of and distance to the nearest Sea Port of Embarkation (SPOE)

Pearl Harbor (XE2) 1/2 mile.

14. State the location of and distance to the nearest Cargo Rail Terminal.

None on island.

Maintenance Support

15.a. List the fleet helicopter maintenance facilities in the harbor complex.

None in the immediate harbor complex. MCAS Kaneohe and the current NAS Barbers Point have this capability. NAS Barbers Point is in planning for closure, under previous BRAC decisions.

15.b. List the maintenance facilities in the harbor complex that have capability to repair aviation support equipment (ground support equipment, arresting gear, RAST systems, catapults, etc.). If only some of the capabilities are supported describe the capabilities and limitations of each facility.

Hickam AFB has capabilities in this area, but we have not considered Hickam to be "in the harbor complex".

16.a. List all **collimation towers** in the harbor complex.

NAVSEA Det Pearl operates a portable collimation tower at PHNS.

16.b. List all **degaussing and deperming facilities** located in the harbor complex.

Degaussing range located between Dry Dock 4 and Waipio Point with Instrument House located at Dry Dock 4. Deperming facilities are located a Waipio Peninsula, waterside north channel.

17.a. List the **DON landing craft, small craft, barge, and pontoon maintenance facilities** in your harbor complex and their capabilities.

Table 17.1 Small Craft Maintenance Facilities

Facility Name	CCN	Capabilities
SUBASE Boat House	213-58	Maintenance/limited repair for assigned small craft
SUBASE IMA	213-30	Unlimited structural,electronic repair work
NAVSTA Boatshop	231-58	Limited structural repair work
SIMA Pearl	231-30	Unlimited structural, electronic repair work

17.b. List the **Mine Warfare equipment maintenance facilities** located in your harbor complex and their capabilities.

Table 17.2 Mine Warfare Maintenance Facilities

Facility Name	CCN	Capabilities
None		

17.c. What **plant modifications/facility improvements** are programmed in the Presidential 1995 Budget through 1997 and all BRACON that would add to the maintenance facilities in your harbor complex? Provide a description, cost, and additional capacity that could be realized.

No maintenance facility plant modifications/facility improvements are "programmed" in the Presidential Budget 1995 through 1997.

17.d List the **commercial landing craft, boat, barge, and small craft maintenance facilities** that units based at the installation use on a regular basis.

Table 17.3 Commercial Small Craft Maintenance Facilities

Facility Name	K\$/yr	Capabilities	Location
None			

17.e. List the **commercial** maintenance facilities that units based at the installation use for **Mine Warfare equipment maintenance** on a regular basis.

Table 17.4 **Commercial Mine Warfare Maintenance Facilities**

Facility Name	K\$/yr	Capabilities	Location
None			

18. List the **shipyards in the harbor complex**. Describe if they are government or commercial, and briefly describe their unique capabilities (including nuclear repair facilities).

PEARL HARBOR NAVAL SHIPYARD - Government operated naval shipyard performing maintenance on both surface ships and submarines. Capabilities include both nuclear and non-nuclear maintenance.

19. Describe what ship classes are currently under **new construction** in shipyard in the harbor complex.

None.

20. If there is no shipyard in the harbor complex, provide the **distance (water travel) to the nearest shipyard**.

N/A, there is a shipyard in the harbor complex.

21. List the **maintenance support activities** (MOTU, etc.) at the base.

Mobile Technical Unit One (UIC: 55302)
Newport News Shipbuilding and Drydock Company (a detachment).

Personnel Support Facilities

22. Administrative Spaces

22.a. In the following table, indicate the available space (SF), individual workstation (PN), and condition for each facility designated or used for administrative purposes.

Table 22.1 Administrative Support Spaces

Building Type	NAVFAC (P-80) category code	Adequate		Sub-standard		In-adequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
Administrative office	610-10	4300	UNK	43679	UNK	31686	UNK	79665	UNK
ADP installations	610-20	4600	UNK	900	UNK	0	UNK	5500	UNK
Legal services	610-40	0	0	0	0	0	0	0	0
Admin storage	610-77	400	NA	700	NA	1023	NA	2123	NA
Underground administrative office	620-10	0	0	0	0	0	0	0	0
Underground ADP installation	620-20	0	0	0	0	0	0	0	0
Underground admin storage	620-77	0	NA	0	NA	0	NA	0	NA

TYCOM NOTE: THE ADMINISTRATIVE SUPPORT SPACE PROVIDED BY THE STATION IN TABLE 22.1 IS INCLUSIVE OF ALL TENANTS WITH THE EXCEPTIONS OF NAVSUBTRACENPAC PEARL HARBOR AND PERSUPPACT PEARL HARBOR. THIS IS CONSISTENT WITH NAVFAC P-164. FOR RECORD PURPOSES, NSTC-PAC HAS 9,870 SF OF CCN 610-10 (ADEQUATE) AND 2,548 SF OF CCN 610-20 (ADEQUATE). PSA PEARL HARBOR HAS 14,185 SF OF CCN 610-10 (ALL SUBSTANDARD). SUBASE PEARL HARBOR DOES NOT MAINTAIN A DATABASE OF THE NUMBER OF WORKSTATIONS (PN) BY CCN.

22.b. For all **facilities that were classified as inadequate** in the preceding table, identify the type of facility and describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds.

There are numerous deficiencies in all of the facilities in the administrative category. These deficiencies are similar in that they require structural, mechanical, plumbing, electrical and air conditioning repair work in portions of buildings. The degree of the deficiency severity ranges from imminent structural failure to minor items such as incidental exterior painting. Most of SUBASE's buildings are of World War II age and the extreme age of the existing facilities is the primary cause of the needed repairs. Termite structural damage, corroded plumbing, deteriorated electrical wiring insulation are the actual deficiencies. The cost estimates for these administrative facility category deficiencies are documented in our facility AIS as \$5M in total.

23. Describe any **administrative support facility limitations**. Describe the potential for expansion of the services that personnel support facilities provide.

The limitations are as described in Question #22, above. With adequate maintenance, expansion of services by as much as 25% is possible.

TYCOM NOTE: WITH THE CONSTRUCTION OF THE NEW SUBASE PEARL HARBOR IMA COMPLEX, SEVERAL STRUCTURALLY SOUND BUILDINGS WILL BECOME AVAILABLE FOR CONVERSION TO ADMINISTRATIVE SPACE TO REPLACE THE INADEQUATE FACILITIES LISTED ABOVE. HOWEVER, THE SCOPE AND MAGNITUDE OF THIS CONVERSION AND THE RESULTANT DEMOLITION OF THE INADEQUATE FACILITIES REQUIRES MILCON FUNDING, WHICH TO THIS DATE HAS NOT BEEN FORTHCOMING. IF FUNDED, SUBASE COULD EXPAND THEIR ADMINISTRATIVE SUPPORT FUNCTIONS AS DESCRIBED.

TYCOM NOTE: NAVMAG LUALUALEI HAS THE CAPABILITY OF RELOADING BOTH SURFACE AND SUBMARINE VLS MISSILE VARIANTS.

Training Support

42. List the fleet operational training commands located in the harbor complex that offer fleet refresher training schools.

Naval Submarine Training Center Pacific (NAVSUBTRACENPAC)
Mobile Technical Training Unit One (MOTU ONE)
Afloat Training Group, Middle Pacific (AFTG MIDPAC)

43. List the combat system, combat control, or ship control team training simulators and their capabilities, if any, owned by training commands in the harbor complex.

AFTG MIDPAC operates a Battle Force Tactical Training System (BFTT), B26 - Ships with Link 11 capabilities in the harbor complex at NAVSTA, Pearl Harbor.

NAVSUBTRACENPAC operates the following combat system, combat control and ship control **team training simulators**:

Note: Buildings 1262, 1262A and 1378 are located at SUBASE (the host is Subase, Pearl Harbor)

21A43 SN 3 - CCS MK1 Combat System Team Trainer. Provides submarine crews with a combat control system similar to their own to allow teams to employ torpedoes, cruise missiles and mines under real-world conditions. The simulator can be connected to the 21B64 Sonar Operator Trainer to allow interaction with the entire ship's Battle Party. A periscope allows integration of visual intelligence in the scenarios.

21A43 SN 7 - CCS MK1 Combat System Team Trainer. Same capabilities as listed for SN 3.

21B64D SN2 - BQQ5 Submarine Sonar Operator Trainer. Provides submarine crews with sonar systems similar to their own to allow them to employ the system in real world scenarios.

12C7A SN5 - Ship Control Team Trainer. Provides submarine crews with ship control platform simulating 688 and 637 class to allow Helmsman/Planesman, Chief of the Watch and Diving Officer of the Watch to practice normal and casualty operations. Under-ice program allows simulation of operations under ice canopy.

15 F12C/1 SN1 - Radar Land Mass Simulator. Radar repeaters and plotter tables driven by computer generated scenarios allow piloting teams to practice radar piloting and navigation.

MK19 MOD19 - Sonar Submarine Plot Trainer Lab. Plotting tables driven by computer generated scenarios provide training for ships' tactical plotters on real world problems at various difficulty

levels.

AN/BRD-7 - Radio direction finding simulator provides electronic warfare support for operations and maintenance training.

AN/WLQ4 - ESM detection, classification and direction finding simulator supports operation and maintenance training. An additional AN/BRD-7 is integrated into the AN/WLQ-4.

AN/WLR-8 - ESM detection classification simulator supports operator and maintenance training. An additional AN/BRD-7 and AN/BLD-1 simulator have been added to the AN/WLR-8 trainer.

AN/BLD-1 - Direction finding simulator enabling operators to work with signals normally provided to the AN/WLR-8 by onboard systems. This equipment is an integral part of the AN/WLR-8 and cannot be operated as a standalone trainer.

Note: Buildings 26A and 39 are located on Ford Island (the host is Naval Station Pearl Harbor).

WLSOT - Weapons Launch Simulator Operator Trainer supports training of ship's personnel with vertical launch capabilities on missile launch procedures.

Submarine Weapons Team Trainer. Mock-up MK 63 Torpedo Tube provides submarine weapons team with training in conventional weapons preparation, procedural documentation, usage and handling safety.

44. Indicate if the base or an activity in the harbor complex has a shipboard and/or aviation **fire fighting trainer**. Indicate if the base or an activity in the harbor complex has a **shipboard damage control wet trainer**. Provide details on the ship classes these trainers are designed to support.

AFTG MIDPAC:

Shipboard Fire Fighting Team Trainers - Support DDG, FFG, FF, CG, Oilers, DD, ARS FF

Boiler Room Simulator, Bldg 1426 - Flight Deck Simulator, Bldg 1429

Shipboard Damage Control Wet Trainer, Bldg 1428 - Support DDG, FF, FFG, CG, Oilers, DD, ARS

NAVSUBTRACENPAC maintains fire fighting and damage control trainers as follows:

21C12A - Fire Fighting Trainer. Designed for submarine (no specific class) shipboard fire fighting training. (Building 465)

21C6B - Damage Control Wet Team Trainer. Designed for submarine (no specific class) shipboard damage control training. (Building 464)

Note: Buildings 465 and 464 are located on Ford Island (the host is Naval Station Pearl Harbor)

45. List the training commands on the base that provide Class A or Class C schools.

NAVSUBTRACENPAC does not provide Class A schools.

NAVSUBTRACENPAC provides the following Class C schools:

<u>CIN</u>	<u>LONG TITLE</u>
A-495-2071	Submarine Basic Fire Fighting
A-012-0011	Instructor Training
A-102-0127	AN/BRD-7 Combined Maintenance
A-433-0023	Scuba Diver
A-551-0093	SNAP II Leading Storekeeper Afloat
A-623-0039	6L16 Oxygen Generator Electrical Technician
A-652-0050	Treadwell Oxygen Gen Operator Maintenance 6L16
A-652-0150	Submarine Diesel Engine Maintenance
F-191-0010	Electronics Technician Maintenance School
L- 2E-0010	Prospective Submarine Commanding Officer

46. List any unique training facilities not captured earlier in this data call.

The following unique training capabilities are maintained at NAVSUBTRACENPAC.

Primary Valve Operator. This trainer provides a simulated nuclear propulsion valve loop with various types and modifications of primary valves designed to provide operators with training on primary proper valve operations.

R-114 150 Ton York Air Conditioning Plant. This trainer provides an operational R-114 air conditioning unit similar to that onboard homeported units. It is designed to train students on the proper operation of this equipment.

Submarine Electrical Distilling Unit. This trainer offers an operational electrical distilling unit designed to train students in the proper operation of this shipboard equipment.

Lithium Bromide Air Conditioning Plant. This trainer provides a static lithium bromide air conditioner in order to train students on maintenance of this shipboard equipment.

Treadwell Oxygen Generator 6L16. This equipment provides an operational oxygen generator designed to train students in the proper operation and maintenance of this shipboard equipment.

High Pressure Air Compressor (HPAC). This trainer provides operational HPACs designed to train students in the proper operation and maintenance of this shipboard equipment.

Submarine Diesel Engine. This equipment provides an operational diesel engine designed to train students in the proper operation and maintenance of this shipboard equipment.

300 KW Ships Service Motor Generator and 43 KW Motor Generator. A static 300 KW Ships Service Motor Generator and an operational 43 KW Motor Generator are provided to train students in the proper operation and maintenance of this shipboard equipment.

Machine Tool Lab. This equipment offers eight operational lathes and versa-mill milling machines to train students on lathe and milling operations, enabling them to manufacture repair parts while underway.

Welding Lab. This equipment provides eight operational welding units which allow nuclear trained welders to maintain and recertify their welding skills.

SNAP II. This equipment provides twenty-four operational SNAP II work stations which allow the training of students in supply and maintenance skills.

R-12 Air Conditioner. This trainer offers an operational R-12 air conditioning unit designed to train students on the proper operation of this equipment.

Desk Top Calculators. The TAC-series computer and HP 9020 computer are available as stand alone units and as integrated parts of the 21A43 CCS MK-1 team trainer and 21B64 Sonar Team Trainer.

Type 18 Periscope Lab. A functional Type 18 periscope provides hands-on training for photo and Surveillance Team Training.

Photo lab. Provides hands-on training for shipboard photo team personnel in photo taking and development techniques.

SASITS. A signal generator for the tactical ESM Team Trainers (WLR-8 and WLQ-4).

Quality of Life

Naval Station, Submarine Base, Shore Intermediate Maintenance Activity, Fleet & Industrial Supply Center, Naval Medical Center, Naval Dental Clinic and Naval Shipyard are using data collected by Commander, Naval Base, Pearl Harbor concerning housing; child care and education.

47. Military Housing

a. Family Housing:

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

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

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	203	203	NA	NA
Officer	3	733	733	NA	NA
Officer	1 or 2	250	250	NA	NA
Enlisted	4+	1445	1445	NA	NA
Enlisted	3	2778	2778	NA	NA
Enlisted	1 or 2	2135	2135	NA	NA
Mobile Homes	NA	NA	NA	NA	NA
Mobile Home lots	NA	NA	NA	NA	NA

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

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

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

Current improvement plans and programmed funding:

Has this facility condition resulted in C3 or C4 designation on your BASEREP?

No inadequate facilities identified.

TYCOM NOTE: ALTHOUGH NO HOUSES ARE LISTED AS SUBSTANDARD OR INADEQUATE, OVER 700 HOUSES OF THE MOANALUA COMPLEX HAVE BEEN IDENTIFIED FOR REPLACEMENT DUE TO THEIR DETERIORATED CONDITION. CINCPACFLT HAS RAISED THE ISSUE OF THE CONDITION OF MILITARY HOUSING ON OAHU TO THE HIGHEST LEVELS AND INITIATIVES ARE CURRENTLY UNDERWAY TO PROVIDE CURRENT AND OUTYEAR FUNDING TO REDUCE THE MAINTENANCE AND REPAIR BACKLOG.

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

Pay Grade	Number of Bedrooms	Number on List ¹	Average Wait
O-6/7/8/9	1	NA	NA
	2	NA	NA
	3	5	6 MONTHS
	4+	2	9 MONTHS
O-4/5	1	NA	NA
	2	NA	NA
	3	34	6 MONTHS
	4+	9	9 MONTHS
O-1/2/3/CWO	1	NA	NA
	2	58	4 MONTHS
	3	9	2 MONTHS
	4+	7	9 MONTHS
E7-E9	1	NA	NA
	2	12	2 MONTHS
	3	33	3 MONTHS
	4+	19	3 MONTHS
E1-E6	1	NA	NA
	2	522	4 MONTHS
	3	73	2 MONTHS
	4+	40	4 MONTHS

¹As of 31 March 1994

TYCOM NOTE: NO 1 AND/OR 2 BEDROOM HOUSES EXIST FOR PAY GRADES DENOTED BY "N/A".

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

Top Five Factors Driving the Demand for Base Housing	
1	COST
2	SECURITY
3	LOCALITY
4	CONVENIENCE - CLOSE TO EXCHANGE, COMMISSARY, MEDICAL
5	RECREATIONAL FACILITIES

TYCOM NOTE: THE COST FACTOR VARIES BY PAY GRADE. ADEQUATE HOUSING IS AVAILABLE FROM THE COMMERCIAL SECTOR, HOWEVER, IT IS USUALLY BEYOND THE FINANCIAL MEANS OF JUNIOR PERSONNEL. SEE STATIONS EXTENSIVE DISCUSSION OF THIS ISSUE IN QUESTION 54.e OF THIS DATA CALL.

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)?

100 percent of the housing units meet the requirements set by U.S. Code 2825.

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

Type of Quarters	Utilization Rate
Adequate	98.7
Substandard	NA
Inadequate	NA

TYCOM NOTE: THERE ARE NO INADEQUATE OR SUBSTANDARD QUARTERS.

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

47.b. BEQ:

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

Type of Quarters	Utilization Rate
Adequate	95%
Substandard	-
Inadequate	-

TYCOM NOTE: THE BEQ UTILIZATION RATE SUBMITTED BY SUBBASE PEARL HARBOR FAILED TO DIFFERENTIATE BETWEEN ADEQUATE AND SUBSTANDARD AS DEFINED BY BUPERS 15606 AND NAVFACINST 11010.44E. AS SHOWN IN BRAC DATA CALL SIX, APPROXIMATELY 10.5 PERCENT OF SUBBASE PEARL HARBOR'S BEQ CAPACITY IS SUBSTANDARD. SUBBASE HAS BEEN DIRECTED TO RECOMPUTE FY93 DATA BASED ON APPLICABLE REFERENCES AND TO RESUBMIT THE ABOVE TABLE FOR FORWARDING TO CINCPACFLT AT A LATER DATE.

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

No.

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

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

$$\text{AOB}=7$$

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	12	63	
Spouse Employment (non-military)	1	5%	
Other	6	32%	Cases are not considered hardship. Members are space available.
TOTAL	19	100%	

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

18 enlisted GB's living off base.

47.c. BOQ:

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

Type of Quarters	Utilization Rate
Adequate	93%
Substandard	-
Inadequate	-

TYCOM NOTE: THE BOQ UTILIZATION RATE SUBMITTED BY SUBBASE PEARL HARBOR FAILED TO DIFFERENTIATE BETWEEN ADEQUATE AND SUBSTANDARD AS DEFINED BY BUPERS 15606 AND NAVFACINST 11010.44E. AS SHOWN IN BRAC DATA CALL SIX, APPROXIMATELY 16.3 PERCENT OF SUBBASE PEARL HARBOR'S BOQ CAPACITY IS SUBSTANDARD. SUBBASE HAS BEEN DIRECTED TO RECOMPUTE FY93 DATA BASED ON APPLICABLE REFERENCES AND TO RESUBMIT THE ABOVE TABLE FOR FORWARDING TO CINCPACFLT AT A LATER DATE.

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

No, there has not been much change since FY93. The permanent party occupancy has fluctuated some, but is currently over 95%. Our transient occupancy fluctuates seasonally.

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

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

AOB=2

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	3	60%	9/1 Financial 2 Schools
Spouse Employment (non-military)	0	0	.
Other	2	40%	Cases are not considered hardship. Members are space available.
TOTAL	5	100%	

TYCOM NOTE: DATA ENTRY ERROR CORRECTED BY TYCOM IN BOLD.

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

1 Officer GB living off base.

On Base MWR Facilities

48. For on-base MWR facilities¹ available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION: SUBASE, PEARL HARBOR**DISTANCE: ON BASE**

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby/ Vehicle Rental	Indoor Bays	40	N/A
	Outdoor Bays	1	N/A
Arts/Crafts	SF	4,600	N/A
Wood Hobby	SF	N/A	N/A
Bowling	Lanes	20	Y
Enlisted Club	SF	23,872	Y
Officer's Club	SF	1,440	
Library	SF	N/A	N/A
Library	Books	N/A	N/A
Theater	Seats	516	N/A
ITT	SF	N/A	N/A
Museum/Memorial	EA	8	Outdoor Monuments
Pool (indoor)	Lanes	N/A	N/A
Pool (outdoor)	Lanes	12	N/A
Beach	LF	N/A	N/A
Swimming Ponds	Each	N/A	N/A
Tennis CT	Each	7	N/A

TYCOM NOTE: FACILITIES DENOTED BY "N/A" ARE NOT AVAILABLE ON SUBBASE PEARL HARBOR. OTHER CORRECTIONS TO TABLE OBTAINED FROM SUBBASE PEARL HARBOR ON 6 JUN 94 AND ENTERED IN BOLD BY TYCOM.

TYCOM NOTE: SUBBASE PEARL HARBOR COMPLETED THE ABOVE TABLE FOR FACILITIES LOCATED ON SUBBASE PEARL HARBOR AND DID NOT ADDRESS THE CAPACITY OR AVAILABILITY OF THESE SAME FACILITIES LOCATED ON NAVSTA PEARL HARBOR.

¹Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

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

Yes. NOTE: Library belongs to Naval Station, Pearl Harbor.

50. Base Family Support Facilities and Programs

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

Age Category	Capacity (Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	0	---0	---0	---0	39	1 yr
6-12 Mos	16	1,024	---0	---0	19	8 mos
12-24 Mos	32	810	---0	---0	16	8 mos
24-36 Mos	40	1,728	---0	---0	24	4 mos
3-5 Yrs	56	1,008	---0	---0	42	4 mos

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

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

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

Current improvement plans and programmed funding:

Has this facility condition resulted in C3 or C4 designation on your BASEREP?

TYCOM NOTE: SQUARE FOOTAGE FOR ADEQUATE, SUBSTANDARD AND INADEQUATE FOR THE SUBBASE PEARL HARBOR CHILD CARE CENTER HAS BEEN ENTERED BY THE TYCOM IN BOLD. THE BASEREP HAS NOT REPORTED THIS FACILITY C3 OR C4.

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

Child Care Information and Referral (CCI&R) COMNAVBASE

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UIC: 00314

Current improvement plans and programmed funding:
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

TYCOM NOTE: SQUARE FOOTAGE FOR ADEQUATE, SUBSTANDARD AND INADEQUATE FOR THE SUBBASE PEARL HARBOR CHILD CARE CENTER HAS BEEN ENTERED BY THE TYCOM IN BOLD. THE BASEREP HAS NOT REPORTED THIS FACILITY C3 OR C4.

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

Child Care Information and Referral (CCI&R) COMNAVBASE

d. How many "certified home care providers" are registered at your base? 147

PAGE 38 continued 38.A.R.

38R (12 AUG-94)

R

UIC: 00314

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

NAME	OWNER	AGES	CAPACITY
Hickam Annex (Hickam Daycare)	Air Force	6 wks - 5 yrs	119
Harbor CDC (Hickam Preschool)	Air Force	3 yrs - 5 yrs	72
Hickam Main Ctr (Hickam CDC)	Air Force	6 wks - 3 yrs	144
Peterson CDC	Army	6 wks - 5 yrs	254*
Peterson Annex CDC	Army	3 yrs - 5 yrs	150*
Aliamanu CDC (AMR)	Army	6 wks - 5 yrs	87*
Fort Shafter CDC	Army	6 wks - 5 yrs	145
Scholfield Drop-in	Army	6 wks - 5 yrs	25**
FT Shafter Drop-in	Army	6 wks - 5 yrs	25**
Rainbow Hale	Navy	1 yr - 5 yrs	46
CDC Bouganville	Navy	6 mos - 5 yrs	92
Barbers Point CDC	Navy	6 wks - 12 yrs	164***
Keiki Korner	Navy	6 mos - 12 yrs	52***
Navy Hale Keiki	Private	3 yrs - 7 yrs	196****
Montessori Center	Private	2 1/2 - 5 yrs	55****
Tender Learning	Private	6 wks - 10 yrs	75****
Barbers Point Preschool	Private	3 yrs - 5 yrs	76****

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38.A.R(12 AUG 94)

d. How many "certified home care providers" are registered at your base? 147

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

Name	Owner	Ages	Capacity
Aliamanu	Army	12 mos - 5 yrs	75
Fort Shafter	Army	6 wks - 5 yrs	145
Hickam CDC	AF	6 wks - 5 yrs	144
Hickam Day Care	AF	6 wks - 5 yrs	119
Hickam Preschool	AF	6 wks - 5 yrs	72
Montessori Center	Private	2 1/2 - 5 yrs	55
Tender Learning	Private	6 wks - 10 yrs	75

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

Service	Unit of Measure	Qty
Exchange	SF	0
Gas Station	SF	3,640
Auto Repair	SF	2,404
Auto Parts Store	SF	3,480
Commissary	SF	0
Mini-Mart	SF	5,620
Package Store	SF	2,985
Fast Food Restaurants	Each	0
Bank/Credit Union	Each	0
Family Service Center	SF	0
Laundromat	SF	0
Dry Cleaners	Each	1
ARC	PN	N/A
Chapel	SF	250
FSC Classroom/Auditorium	PN	N/A

ARC will disestablish in September 1994

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UIC: 00314

* These child care facilities are located at Scholfield Barracks. Although these facilities are located within a 30 minutes one-way drive from Pearl Harbor, we do not consider them "readily accessible" for Pearl Harbor based military because of the round trip time.

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** Army drop-in facilities are operated by Head Start through an Army contract.

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*** These child care facilities are located at the Iroquois Point/Barbers Point complex, which is considered outside of the 30 minutes drive radius. However, because Iroquois Point housing is used by Pearl Harbor based military, these facilities should be considered "readily accessible" for those military living at Iroquois Point. Note that a formal course curriculum is offered only for children six weeks to five years of age.

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**** Privately owned non-profit child care facilities located on military installations.

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

Service	Unit of Measure	Qty
Exchange	SF	0
Gas Station	SF	3,640
Auto Repair	SF	2,404
Auto Parts Store	SF	3,480
Commissary	SF	0
Mini-Mart	SF	5,620
Package Store	SF	2,985
Fast Food Restaurants	Each	0
Bank/Credit Union	Each	0
Family Service Center	SF	0
Laundromat	SF	0
Dry Cleaners	Each	1
ARC	PN	N/A
Chapel	SF	250
FSC Classroom/Auditorium	PN	N/A

ARC will disestablish in September 1994

39R (12AUG-94)

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

City	Distance (Miles)
HONOLULU	10
KAILUA/KANEOHE	30
WAIPAHAU	12

53. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	\$516.17	\$287.17
E2	496.14	312.01
E3	496.96	366.18
E4	548.28	382.66
E5	563.70	393.58
E6	613.58	417.68
E7	655.81	455.57
E8	651.05	492.19
E9	817.47	620.56
W1	660.61	501.71
W2	729.46	572.14
W3	723.03	687.76
W4	696.74	617.76
O1E	651.10	482.96
O2E	647.81	516.48
O3E	719.82	608.97
O1	706.02	520.10
O2	671.19	524.61
O3	687.63	578.94
O4	667.94	580.85

O5	681.79	563.83
O6	744.57	616.29
O7	684.31	555.99

54. Off-base housing rental and purchase

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

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	850.00	700.00	65.00
Apartment (1-2 Bedroom)	1,000.00	900.00	85.00
Apartment (3+ Bedroom)	1,200.00	1,100.00	105.00
Single Family Home (3 Bedroom)	1,600.00	1,300.00	135.00
Single Family Home (4+ Bedroom)	1,900.00	1,600.00	162.00
Town House (2 Bedroom)	1,200.00	1,000.00	85.00
Town House (3+ Bedroom)	1,400.00	1,200.00	105.00
Condominium (2 Bedroom)	1,100.00	1,000.00	85.00
Condominium (3+ Bedroom)	1,300.00	1,200.00	105.00

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

Occupancy rate for all rental units in 1991 was 97.4%.

Source: State of Hawaii Data Book 1992.

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	350,000.00
Single Family Home (4+ Bedroom)	400,000.00
Town House (2 Bedroom)	199,000.00
Town House (3+ Bedroom)	220,000.00
Condominium (2 Bedroom)	199,000.00
Condominium (3+ Bedroom)	220,000.00

54.d. For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January	N/A	N/A	N/A
February	N/A	N/A	N/A
March	N/A	N/A	N/A
April	N/A	N/A	N/A
May	N/A	N/A	N/A
June	N/A	N/A	N/A
July	N/A	N/A	N/A
August	N/A	N/A	N/A
September	N/A	N/A	N/A
October	N/A	N/A	N/A
November	N/A	N/A	N/A
December	N/A	N/A	N/A

TYCOM NOTE: NO HOMES WOULD BE AVAILABLE FOR WHICH MONTHLY PAYMENTS WOULD BE WITHIN 90 TO 110 PERCENT OF THE E-5 BAQ/VHA.

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

Honolulu has the highest housing prices of the major metropolitan areas of the United States. House prices experienced sharp increases (more than doubling) in the late 1980's due in part to speculative investments from Japan, but have remained reasonably stable since then.

Despite soft economic conditions over the last few years, the underlying requirement for housing has remained reasonable strong. All three major sources of outside income to Hawaii (defense, agriculture and tourism) have weakened, however Hawaii remains attractive to migrants particularly due to the weather and other lifestyle reasons. Hawaii has experienced positive net migration both from the continental United States and the Pacific (chiefly from the Philippines).

Also, demand for housing has been stimulated by low interest rates, although recent rises and the prospect of further rises may have some dampening effect on the market. The planned further construction of military housing will have some effect, by reducing the demand for civilian housing by military families.

The cost of the land for housing is high. Oahu is a small island, and the vacant land available for new housing is limited by the topography and large military land holdings (the military holds 23 percent of land). Land production costs are also affected by State and County regulatory barriers (planning, zoning and permitting process) which are more bureaucratic and time consuming than in many other locations. There are infrastructure capacity problems (particularly waste water) which increases production costs and limits expansion.

The isolation of Oahu has resulted in increased building material prices due to high freight costs and probably less competition between suppliers in the small market. Housing production costs are also affected by the higher cost structure in Hawaii - insurance, fuel taxes, etc.

A growing factor for private housing costs is the availability and affordability of homeowners insurance. This factor has most recently been influenced by the September 1992 Hurricane INIKI experience on the neighboring island of Kauai. The high cost of damage repairs and home replacement has forced many insurers to flee Hawaii and created an insurance crisis. While legislative attempts are in progress, this crisis is yet unresolved.

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

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
EM (SS) (NUC)	252	35
ET (SS) (NUC)	167	23
MM (SS) (NUC)	403	77
MS (SS)	149	59
SK (SS)	63	55

NOTE: Using E-6 and below sea/shore rotations in accordance with the Enlisted Transfer Manual, the top 5 sea intensive ratings in the submarine community are:

EM (SS) (NUC) 60/30
 ET (SS) (NUC) 60/30
 MM (SS) (NUC) 60/30
 MS (SS) 54/36
 SK (SS) 48/34

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

Location	% Employees	Distance (mi)	Time(min)
AIEA	*	4	15
MAKAKILO	*	27	35
WAIPAHAU	*	12	25
PEARL CITY	*	5	20
EWA BEACH	*	25	45

*Information for % employees not available.

57. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the air station (to include any outlying fields) and their dependents:

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

Institution	Type	Grade Level(s)	Special Ed. on Avail.	Annual Enroll. Cost per Student	1993 Avg SAT/A CT Score	% HS Grad to Higher Educ	Source of Info
Aiea Elementary	Public	Primary	Yes	None	NA	NA	DOE*
Aiea Intermediate	Public	7-8	Yes	None	NA	NA	DOE
Aiea High School	Public	9-12	Yes	None	828	26%	DOE
Aliamanu Elementary	Public	Primary	Yes	None	NA	NA	DOE
Aliamanu Intermediate	Public	7-8	Yes	None	NA	NA	DOE

Hickam Elementary	Public	Primary	Yes	None	NA	NA	DOE
Makalapa Elementary	Public	Primary	Yes	None	NA	NA	DOE
Moanalua Elementary	Public	Primary	Yes	None	NA	NA	DOE
Moanalua Intermediate	Public	7-8	Yes	None	NA	NA	DOE
Moanalua High School	Public	9-12	Yes	None	872	36%	DOE
Mokulele Elementary	Public	Primary	Yes	None	NA	NA	DOE
Nimitz Elementary	Public	Primary	Yes	None	NA	NA	DOE
Pearl Harbor Elementary	Public	Primary	Yes	None	NA	NA	DOE
Pearl Harbor Kai Elementary	Public	Primary	Yes	None	NA	NA	DOE
Radford High School	Public	9-12	Yes	None	841	35%	DOE
Red Hill Elementary	Public	Primary	Yes	None	NA	NA	DOE
Scott Elementary	Public	Primary	Yes	None	NA	NA	DOE
Shafter Elementary	Public	Primary	Yes	None	NA	NA	DOE
Salt Lake Elementary	Public	Primary	Yes	None	NA	NA	DOE
Pearl Ridge Elementary	Public	Primary	Yes	None	NA	NA	DOE
Palisades Elementary	Public	Primary	Yes	None	NA	NA	DOE
Pearl City Elementary	Public	Primary	Yes	None	NA	NA	DOE

Pearl City Highlands Elementary	Public	Primary	Yes	None	NA	NA	DOE
Pearl City High School	Public	9-12	Yes	None	871	25%	DOE
Calvary Christian School	Parochial	K-8	No	\$2,220-2,880	NA	NA	HAIS**
Holy Family School	Parochial	K-8	No	\$520-550	NA	NA	HAIS
Navy Hale Keiki School	Private	K-2	No	\$2,350-3,250	NA	NA	HAIS
Our Savior Lutheran School	Parochial	K-8	No	\$3,222	NA	NA	HAIS
St. Timothy's Children's Center	Private	K	No	\$495	NA	NA	HAIS
Assets School	Private	Ages 5-14	Yes	\$8,400	NA	NA	HAIS
St. Elizabeth School	Parochial	K-8	No	\$3,222	NA	NA	HAIS
Punahou School	Private	K-12	No	\$6,670-7,510	1150	99%	HAIS & Punahou School
Iolani School	Private	K-12	No	\$7,100	1140	100%	HAIS & Iolani School
Damien Memorial High School	Parochial	9-12	No	\$4,500	970	93%	HAIS & Damien High School
St. Louis School	Parochial	6-12	No	\$5,076-5,276	957	90%	HAIS & St. Louis School

*DEPARTMENT OF EDUCATION

**HAWAII ASSOCIATION OF INDEPENDENT SCHOOLS

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Chaminade University	Day	No	No	Yes	Yes	Yes
	Night	No	No	Yes	Yes	Yes
Hawaii Pacific University	Day	No	No	Yes	Yes	Yes
	Night	No	No	Yes	Yes	Yes
Honolulu Comm College	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
Kapiolani Comm College	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
Leeward Comm College	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
University of Hawaii	Day	No	No	Yes	Yes	Yes
	Night	No	No	Yes	Yes	Yes
Wayland Baptist University	Day	No	No	Yes	Yes	No
	Night	No	No	Yes	Yes	No
Embry Riddle Aero University	Day		No	No	Yes	No
	Night	No	No	Yes	Yes	Yes
Central Mich University	Day	No	No	No	No	Yes
	Night	No	No	No	No	Yes

University of Oklahoma	Day	No	No	No	No	Yes
	Night	No	No	No	No	Yes
Troy State University	Day	No	No	No	No	Yes
	Night	No	No	No	No	Yes
Heald Business College	Day	No	Yes	No	No	No
	Night	No	Yes	No	No	No
Aiea/ Moanalua Comm School For Adults	Day	Yes	No	No	No	No
	Night	Yes	No	No	No	No
Hawaii Business College	Day	No	Yes	No	No	No
	Night	No	Yes	No	No	No
Hawaii Institute of Hair Design	Day	No	Yes	No	No	No
	Night	No	No	No	No	No
New York Tech Inst Of Hawaii	Day	No	Yes	No	No	No
	Night	No	Yes	No	No	No
Travel Inst of the Pacific	Day	No	Yes	No	No	No
	Night	No	Yes	No	No	No

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Chaminade University	Day (Sat)	No	No	No	Yes	Yes
	Night	No	No	No	Yes	Yes
	Correspondence	No	No	No	No	No
Hawaii Pacific University	Day	No	No	No	Yes	Yes
	Night	No	No	No	Yes	Yes
	Correspondence	No	No	No	No	No

58. Spousal Employment Opportunities

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Served by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	Files Destroyed	65	48	Not Available
Manufacturing	Files Destroyed	1	0	Not Available
Clerical	Files Destroyed	162	174	Not Available
Service	Files Destroyed	140	179	Not Available
Other	Files Destroyed	27	42	Not Available
Unemployment Rate Yearly	2.3%	3.2%	3.2%	---

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

Our military personnel have readily available and convenient access to medical care in both the military and civilian health care systems. The Naval Medical Clinic has expanded the number of sick-calls per day and our sailors can also make sick-call appointments by phone. Cooperative agreements between the Naval Medical Clinic and Tripler Army Hospital have improved access for routine specialty consults and reduced the lost time when personnel must be TAD to the Medical Hold Company. Other new initiatives for improving the health of our sailors include Psychology Outreach programs to Fleet units, assorted Women's Health programs, and wellness programs related to smoking cessation, mental health, and preventive medicine.

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

Our military family members have a wide assortment of quality medical care services available in both the military and civilian communities. Hawaii's participation in the TRI-CARE (CHAMPUS) allows the family member flexibility obtaining low cost, convenient, and personalized care. Additionally, the military medical facilities have been able to expand the size and scope of their services. Besides the usual in-patient and out-patient care services, the Army/Navy/Air Force medical services have developed several Family Wellness and Women's Health Programs.

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

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	56	5	11
Base Personnel - military	4	0	3
Base Personnel - civilian	2	0	0
Off Base Personnel - military	3	2	0
Off Base Personnel - civilian	9	1	7

2. Blackmarket (6C)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
3. Counterfeiting (6G)	0	1	1
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	1	1
4. Postal (6L)	2	1	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	1	0	0
Off Base Personnel - civilian	1	1	0
Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)	157	198	171
Base Personnel - military	20	37	32
Base Personnel - civilian	20	19	23
Off Base Personnel - military	59	59	51
Off Base Personnel - civilian	137	144	126

7. Larceny - Ordnance (6R)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
8. Larceny - Government (6S)	145	157	145
Base Personnel - military	29	34	31
Base Personnel - civilian	12	15	21
Off Base Personnel - military	26	19	22
Off Base Personnel - civilian	124	87	85
Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	378	551	561
Base Personnel - military	139	157	185
Base Personnel - civilian	58	67	59
Off Base Personnel - military	128	167	143
Off Base Personnel - civilian	210	192	27
10. Wrongful Destruction (6U)	433	525	541
Base Personnel - military	217	169	192
Base Personnel - civilian	37	64	49
Off Base Personnel - military	147	107	143
Off Base Personnel - civilian	219	175	192
11. Larceny - Vehicle (6V)	166	256	191
Base Personnel - military	118	60	91
Base Personnel - civilian	2	3	9
Off Base Personnel - military	68	134	61
Off Base Personnel - civilian	90	69	49

12. Bomb Threat (7B)	231	257	253
Base Personnel - military	22	33	39
Base Personnel - civilian	18	19	34
Off Base Personnel - military	86	105	83
Off Base Personnel - civilian	158	260	228
Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)	189	169	160
Base Personnel - military	111	80	68
Base Personnel - civilian	32	18	13
Off Base Personnel - military	113	113	104
Off Base Personnel - civilian	197	148	147
15. Death (7H)	18	15	9
Base Personnel - military	2	6	3
Base Personnel - civilian	0	0	0
Off Base Personnel - military	15	8	6
Off Base Personnel - civilian	15	14	6
16. Kidnapping (7K)	3	0	2
Base Personnel - military	0	0	0
Base Personnel - civilian	2	0	0
Off Base Personnel - military	0	0	2
Off Base Personnel - civilian	3	0	1

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	12	9	14
Base Personnel - military	0	0	6
Base Personnel - civilian	1	0	3
Off Base Personnel - military	7	1	3
Off Base Personnel - civilian	11	13	11
19. Perjury (7P)	0	3	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	9	0
20. Robbery (7R)	11	5	3
Base Personnel - military	1	2	0
Base Personnel - civilian	0	0	2
Off Base Personnel - military	2	0	0
Off Base Personnel - civilian	12	7	2
21. Traffic Accident (7T)	543	598	634
Base Personnel - military	336	248	289
Base Personnel - civilian	171	144	188
Off Base Personnel - military	231	208	190
Off Base Personnel - civilian	350	314	344
Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	11	3	9
Base Personnel - military	2	0	0
Base Personnel - civilian	3	0	0
Off Base Personnel - military	5	2	6
Off Base Personnel - civilian	19	6	8

23. Indecent Assault (8D)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
24. Rape (8F)	10	5	8
Base Personnel - military	4	2	3
Base Personnel - civilian	1	1	2
Off Base Personnel - military	2	0	7
Off Base Personnel - civilian	9	3	4
25. Sodomy (8G)	0	2	0
Base Personnel - military	0	4	0
Base Personnel - civilian	0	1	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

BRAC-95 CERTIFICATION DATA CALL THIRTY SEVEN

SUBASE PEARL HARBOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD

NAME (Please type or print)


Signature

Commander In Chief

Title (Acting)

14 JUL 94
Date

U. S. Pacific Fleet

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)


Signature

Title

8/3/94
Date

Activity UIC: 00314

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

NEXT ECHELON LEVEL (if applicable)

T. J. ELLIOTT
NAME (Please type or print)
COMMANDER (ACTING)
Title
SUBMARINE FORCE U.S. PACIFIC FLEET
Activity

T. J. Elliott
Signature
7 Jan 94
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Title

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

Activity UIC: 00314

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

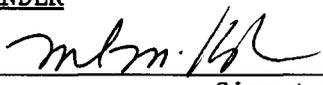
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

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

ACTIVITY COMMANDER

CAPT McHUGH
NAME (Please type or print)


Signature

Commanding Officer
Title

6/3/94
Date

SUBASE, Pearl Harbor
Activity

R

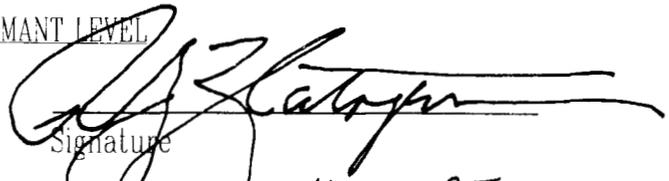
BRAC-95 CERTIFICATION DATA CALL THIRTY - SEVEN

SUBASE Pearl Harbor

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

MAJOR CLAIMANT LEVEL

R. J. ZLATOPER
NAME (Please type or print)
Commander in Chief
Title


Signature
11 JAN 95
Date

U. S. Pacific Fleet
Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER
NAME (Please type or print)

Title


Signature
1/24/95
Date

R

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

NEXT ECHELON LEVEL (if applicable)

J. M. BARR
NAME (Please type or print)

Signature

JMB
8/23/94.

Commander Submarine Force,
Title

Date

U.S. Pacific Fleet
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print)

Signature

Title

Date

R

BRAC-95 CERTIFICATION

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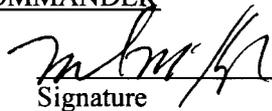
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I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

CAPT M. L. McHUGH

NAME (Please type or print)


Signature

Commanding Officer, Acting

Title

12 August 1994

Date

SUBASE, Pearl Harbor

Activity

R

BRAC-95 CERTIFICATION

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

CDR J. O. HAIMA
NAME (Please type or print)


Signature

Comptroller
Title

12 August 1994
Date

Comptroller
Division

Comptroller
Department

SUBASE, Pearl Harbor
Activity