

DCN 1403

153

11 July 1994

**DATA CALL FOR MILITARY VALUE ANALYSES**  
**SHORE INTERMEDIATE MAINTENANCE ACTIVITIES /**  
**NAVAL RESERVE MAINTENANCE FACILITIES**  
**and**  
**TRIDENT REFIT FACILITIES**

|          |       |   |
|----------|-------|---|
| Category | ..... | <b>Industrial Activities</b>  |
| Type     | ..... | <b>Shore Intermediate Maintenance Activities / Naval Reserve Maintenance Facilities (SIMAs/NRMFs) / TRIDENT Refit Facilities (TRFs)</b> |
| Claimant | ..... | <b>CINCLANTFLT</b>  |
|          | ..... | <b>CINCPACFLT</b>   |

Notes: In the context of this Data Call:

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Use the workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the activity configuration as of completion of all BRAC-88/91/93 actions, and of ongoing operational actions (e.g. decommissioning of various Tenders, etc.). The objective is to accurately capture your entire workload.
2. Unless otherwise specified, for questions addressing maximum workload within the Mission Area of the Data Call, base your response on an eight hour day/five day notional normal work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule.
3. For purposes of this Data Call, Depot maintenance is regarded as the maintenance performed on material that requires major overhaul or a complete rebuild of parts, assemblies, subassemblies, and end items, including the manufacture of parts, modifications, testing, and reclamation, as required. Depot maintenance serves to support lower categories of maintenance. Depot maintenance provides stocks of serviceable equipment by using more extensive facilities for repair than are available in lower level maintenance activities. Depot or indirect maintenance functions are identified by the type of equipment maintained or repaired.
4. For purposes of this Data Call, it is understood that data reporting workload in terms of Direct Labor Man Hours (DLMHs) reflects both Productive Labor and Productive Support Labor expended on that workload.

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

This document has been prepared in WordPerfect 5.1/5.2.

# DATA CALL for MILITARY VALUE ANALYSES

## Shore Intermediate Maintenance Activities/Naval Reserve Maintenance Facilities and TRIDENT Refit Facilities

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## Table of Acronyms

|         |  |           |  |
|---------|--|-----------|--|
| \$      | Dollars  |           |  |
| %       | Percent  |           |  |
| #       | Number   | OOS       | Out of Specification   |
|         |  | PN        | Number of Personnel accommodated   |
| ACT     | American College Test                                | POM       | Program Objectives Memorandum  |
| AOB     | Average on Board                                     | PSI       | Pounds-per-square inch   |
| ARC     | Alcohol Rehabilitation Center                        | QC/NDT    | Quality Control / Non-Destructive Testing                                    |
| BAQ     | Basic Allowance for Quarters                         | Qtr       | Quarter  |
| BEQ     | Bachelor Enlisted Quarters                           | RMC       | Regional Maintenance Concept   |
| BOQ     | Bachelor Officers Quarters                           | SAT       | Scholastic Aptitude Test   |
| CADCAM  | Computer Aided Design / Computer Aided Manufacturing | SF        | Square Feet  |
| CCN     | Category Code Number                                 | SIMA/NRMF | Shore Intermediate Maintenance Activity / Naval Reserve Maintenance Activity |
| DLMH    | Direct Labor Man Hours                               |           |  |
| DoD     | Department of Defense                                | TRF       | Trident Refit Facility   |
| DoDDS   | Department of Defense Dependents Schools             | TY        | Then Year  |
| DON     | Department of the Navy                               | UIC       | Unit Identification Code   |
| ESQD    | Explosive Safety Quantity Distance                   | VHA       | Variable Housing Allowance   |
| FSC     | Family Service Center                                | W/O       | Without  |
| FY      | Fiscal Year  | WY        | Work Years   |
| FYDP    | Future Years Defense Plan                            | UIC       | Unit Identification Code   |
| GMT     | General Military Training                            |           |  |
| HERO    | Hazards Electromagnetic Radiation - Ordnance         |           |  |
| HS      | High School  |           |  |
| IPE     | Industrial Plant Equipment                           |           |  |
| ITT     | Information, Tickets & Tours                         |           |  |
| JCSG-DM | Joint Cross Service Group - Depot Maintenance        |           |  |
| KSF     | Thousands of Square Feet                             |           |  |
| LF      | Linear Feet  |           |  |
| MH      | Man Hours  |           |  |
| MILCON  | Military Construction                                |           |  |
| MLS     | Multiple Listing Service                             |           |  |
| N / A   | Not Applicable                                       |           |  |
| NCIS    | Naval Criminal Investigative Service                 |           |  |

**DATA CALL for MILITARY VALUE ANALYSES**  
**Shore Intermediate Maintenance Activities/Naval Reserve Maintenance Facilities**  
**and TRIDENT Refit Facilities**

Primary UIC: 00314

(Use this number as Activity identification at top of every page)

Mission Area

**1. Shipwork**

1.1 Ship Class Work. Using Tables 1.1, for each ship class serviced by your SIMA/TRF, identify the number of ship availabilities (e.g. upkeeps, refits, TAVs, etc) accomplished or planned to be accomplished from FY 1990 through FY 1997.

Table 1.1.a: **Historic and Predicted Shipwork**

| Class of Vessel         | FY 1990 | FY 1991 | FY 1992 | FY 1993 |
|-------------------------|---------|---------|---------|---------|
| SSBN 726                | 6       | 10      | 14      | 16      |
| SSN 604                 | 3       | 0       | 0       | 0       |
| SSN 637                 | 45      | 47      | 61      | 63      |
| SSN 640                 | 0       | 0       | 0       | 9       |
| SSN 688*                | 112     | 111     | 111     | 108     |
| SSN 21                  | 0       | 0       | 0       | 0       |
| CVN 68                  | 0       | 0       | 0       | 0       |
| CV 62                   | 0       | 0       | 0       | 0       |
| AD 41                   | 0       | 0       | 0       | 0       |
| AOE 1                   | 0       | 0       | 0       | 0       |
| AOE 6                   | 0       | 0       | 0       | 0       |
| ARS 50                  | 0       | 0       | 0       | 0       |
| AS 36/39                | 0       | 0       | 0       | 0       |
| LPD 4                   | 0       | 0       | 0       | 0       |
| LPH 2                   | 0       | 0       | 0       | 0       |
| LSD 36                  | 0       | 0       | 0       | 0       |
| LSD 41                  | 0       | 0       | 0       | 0       |
| MCM-1/MCS 12/<br>MHC 51 | 0       | 0       | 0       | 0       |

\*Includes all numbered avails, i.e. PMP (DMP) and voyage rep and visit ships.

**TYCOM NOTE: TYPOGRAPHICAL ERROR CORRECTED BY TYCOM IN BOLD.  
DEPOT MODERNIZATION PERIOD (DMP).**

**1. Shipwork, continued**

**Table 1.1.b: Historic and Predicted Shipwork**

| Class of Vessel             | FY 1990 | FY 1991 | FY 1992 | FY 1993 |
|-----------------------------|---------|---------|---------|---------|
| AFB / AFDL /<br>AFDM / ARDM | 5       | 6       | 6       | 7       |
| NR-1                        | 0       | 0       | 0       | 0       |
| AGF 3 / AGF 11              | 0       | 0       | 0       | 0       |
| CG 47                       | 0       | 0       | 0       | 0       |
| DD 963                      | 0       | 0       | 0       | 0       |
| DDG 51                      | 0       | 0       | 0       | 0       |
| DDG 993                     | 0       | 0       | 0       | 0       |
| FFG 7                       | 0       | 0       | 0       | 0       |
| LHA 1                       | 0       | 0       | 0       | 0       |
| LHD 1                       | 0       | 0       | 0       | 0       |
| CGN 38                      | 0       | 0       | 0       | 0       |

## 1. Shipwork, continued

Table 1.1.c: Historic and Predicted Shipwork

| Class of Vessel           | FY 1994 | FY 1995 | FY 1996 | FY 1997 |
|---------------------------|---------|---------|---------|---------|
| SSBN 726                  | 16      | 16      | 20      | 18      |
| SSN 604                   | 0       | 0       | 0       | 0       |
| SSN 637                   | 68      | 54      | 54      | 54      |
| SSN 640                   | 9       | 10      | 9       | 9       |
| SSN 688                   | 104     | 134     | 164     | 200     |
| SSN 21                    | 0       | 0       | 0       | 0       |
| CVN 68                    | 0       | 0       | 0       | 0       |
| CV 62                     | 0       | 0       | 0       | 0       |
| AD 41                     | 0       | 0       | 0       | 0       |
| AOE 1                     | 0       | 0       | 0       | 0       |
| AOE 6                     | 0       | 0       | 0       | 0       |
| ARS 50                    | 3       | 2       | 0       | 0       |
| AS 36/39                  | 0       | 0       | 0       | 0       |
| LPD 4                     | 0       | 0       | 0       | 0       |
| LPH 2                     | 0       | 0       | 0       | 0       |
| LSD 36                    | 0       | 0       | 0       | 0       |
| LSD 41                    | 1       | 0       | 0       | 0       |
| MCM 1 / MCS 12 /MHC<br>51 | 2       | 1       | 0       | 0       |

NOTE: SSN 688, **637**, **640** Class includes visit ship availabilities and voyage repair availabilities.

**TYCOM NOTE: ADDITIONAL CLASS SUBMARINES ADDED PER SUBBASE ON 8 JUN 94 AND ENTERED IN BOLD BY TYCOM.**

**1. Shipwork, continued****Table 1.1.d: Historic and Predicted Shipwork**

| <b>Class of Vessel</b>      | <b>FY 1994</b> | <b>FY 1995</b> | <b>FY 1996</b> | <b>FY 1997</b> |
|-----------------------------|----------------|----------------|----------------|----------------|
| AFB / AFDL /<br>AFDM / ARDM | 7              | 7              | 7              | 7              |
| NR-1                        | 0              | 0              | 0              | 0              |
| AGF 3 / AGF 11              | 0              | 0              | 0              | 0              |
| CG 47                       | 1              | 0              | 0              | 0              |
| DD 963                      | 2              | 0              | 0              | 0              |
| DDG 51                      | 1              | 0              | 0              | 0              |
| DDG 993                     | 0              | 0              | 0              | 0              |
| FFG 7                       | 2              | 0              | 0              | 0              |
| LHA 1                       | 0              | 0              | 0              | 0              |
| LHD 1                       | 0              | 0              | 0              | 0              |
| CGN 38                      | 1              | 0              | 0              | 0              |

**1. Shipwork, continued**

1.2 Workload Breakout. Breakout the total workload performed, measured in thousands of Direct Labor Man Hours (K DLMHs)) into the following categories for the period requested.

**Table 1.2.a: Historic and Predicted Ship Maintenance Workload**

| Workload Category             | Intermediate Level Workload (K DLMHs) |                 |                 |                 |
|-------------------------------|---------------------------------------|-----------------|-----------------|-----------------|
|                               | FY 1990                               | FY 1991         | FY 1992         | FY 1993         |
| Modernization (Conventional ) | 54                                    | 93              | 22              | 17              |
| Modernization (Nuclear)       | 7                                     | 195             | 65              | 18              |
| Maintenance (Conventional)    | 474                                   | 606             | 314             | 773             |
| Maintenance (Nuclear)         | 14                                    | 50              | 403             | 153             |
| Production Support            | 520                                   | 913             | 843             | 927             |
| <b>TOTAL:</b>                 | <b>1,069.00</b>                       | <b>1,857.00</b> | <b>1,647.00</b> | <b>1,888.00</b> |

**TYCOM NOTE: DIRECT LABOR MANHOURS AT AN IMA ARE NOT ACCOUNTED FOR IN THE SAME MANNER AS A SHIPYARD. DIRECT LABOR MANHOURS REPORTED ABOVE FOR SUBASE PEARL HARBOR ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CANNOT BE BROKEN OUT BY SHIP CLASS AND THEREFORE ARE REPORTED AS A SEPARATE LINE ENTRY REFLECTING ALL PRODUCTION SUPPORT MANHOURS EXPENDED IN THAT FY FOR ALL SHIP CLASSES. DIRECT LABOR MANHOURS FOR A GIVEN FY IS THE SUM OF ALL "PRODUCTIVE MANHOURS" AND "PRODUCTION MANHOURS" EXPENDED IN THAT FY.**

Table 1.2.b: **Historic and Predicted Ship Maintenance Workload**

| Workload Category             | Intermediate Level Workload (K DLMHs) |          |          |          |
|-------------------------------|---------------------------------------|----------|----------|----------|
|                               | FY 1994                               | FY 1995  | FY 1996  | FY 1997  |
| Modernization (Conventional ) | 16                                    | 18       | 24       | 18       |
| Modernization (Nuclear)       | 19                                    | 19       | 26       | 20       |
| Maintenance (Conventional)    | 794                                   | 811      | 722      | 1052     |
| Maintenance (Nuclear)         | 147                                   | 159      | 218      | 166      |
| Production Support            | 927                                   | 973      | 1128     | 1228     |
|                               | 1,903.00                              | 1,980.00 | 2,118.00 | 2,484.00 |

**TYCOM NOTE: DIRECT LABOR MANHOURS AT AN IMA ARE NOT ACCOUNTED FOR IN THE SAME MANNER AS A SHIPYARD. DIRECT LABOR MANHOURS REPORTED ABOVE FOR SUBASE PEARL HARBOR ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CANNOT BE BROKEN OUT BY SHIP CLASS AND THEREFORE ARE REPORTED AS A SEPARATE LINE ENTRY REFLECTING ALL PRODUCTION SUPPORT MANHOURS EXPENDED IN THAT FY FOR ALL SHIP CLASSES. DIRECT LABOR MANHOURS FOR A GIVEN FY IS THE SUM OF ALL "PRODUCTIVE MANHOURS" AND "PRODUCTION MANHOURS" EXPENDED IN THAT FY.**

1.3 Other Shipboard Work. List and describe any other nuclear and conventional shipboard work not reported in questions 1.1 and 1.2.

Other maintenance included facility and other maintenance which typically expended 420 KDLMHs.

Mission Area

**2. Depot Level Maintenance\***

2.1 Provide the historic and projected depot level work in Direct Labor Man Hours (DLMHs) performed by the SIMA/NRMF/TRF.

**Table 2.1.a: Depot Maintenance Performance**

| Class of Vessel     | FY 1990 | FY 1991 | FY 1992 | FY 1993 |
|---------------------|---------|---------|---------|---------|
| SSBN 726            | N/A     | N/A     | N/A     | N/A     |
| SSN 688             | N/A     | N/A     | N/A     | N/A     |
| SSN 21              | N/A     | N/A     | N/A     | N/A     |
| CVN 68              | N/A     | N/A     | N/A     | N/A     |
| CV 62               | N/A     | N/A     | N/A     | N/A     |
| AD 41               | N/A     | N/A     | N/A     | N/A     |
| AOE 1               | N/A     | N/A     | N/A     | N/A     |
| AOE 6               | N/A     | N/A     | N/A     | N/A     |
| ARS 50              | N/A     | N/A     | N/A     | N/A     |
| AS 36/39            | N/A     | N/A     | N/A     | N/A     |
| LPD 4               | N/A     | N/A     | N/A     | N/A     |
| LPH 2               | N/A     | N/A     | N/A     | N/A     |
| LSD 36              | N/A     | N/A     | N/A     | N/A     |
| LSD 41              | N/A     | N/A     | N/A     | N/A     |
| MCM 1/MCS 12/MHC 51 | N/A     | N/A     | N/A     | N/A     |

**2. Depot Level Maintenance, continued****Table 2.1.b: Depot Maintenance Performance**

| Class of Vessel             | FY 1990 | FY 1991 | FY 1992 | FY 1993 |
|-----------------------------|---------|---------|---------|---------|
| AFB / AFDL /<br>AFDM / ARDM | N/A     | N/A     | N/A     | N/A     |
| NR-1                        | N/A     | N/A     | N/A     | N/A     |
| AGF 3 / AGF 11              | N/A     | N/A     | N/A     | N/A     |
| CG 47                       | N/A     | N/A     | N/A     | N/A     |
| DD 963                      | N/A     | N/A     | N/A     | N/A     |
| DDG 51                      | N/A     | N/A     | N/A     | N/A     |
| DDG 993                     | N/A     | N/A     | N/A     | N/A     |
| FFG 7                       | N/A     | N/A     | N/A     | N/A     |
| LHA 1                       | N/A     | N/A     | N/A     | N/A     |
| LHD 1                       | N/A     | N/A     | N/A     | N/A     |
| CGN 38                      | N/A     | N/A     | N/A     | N/A     |

**2. Depot Level Maintenance, continued****Table 2.1.c: Depot Maintenance Performance**

| Class of Vessel          | FY 1994 | FY 1995 | FY 1996 | FY 1997 |
|--------------------------|---------|---------|---------|---------|
| SSBN 726                 | N/A     | N/A     | N/A     | N/A     |
| SSN 688                  | N/A     | N/A     | N/A     | N/A     |
| SSN 21                   | N/A     | N/A     | N/A     | N/A     |
| CVN 68                   | N/A     | N/A     | N/A     | N/A     |
| CV 62                    | N/A     | N/A     | N/A     | N/A     |
| AD 41                    | N/A     | N/A     | N/A     | N/A     |
| AOE 1                    | N/A     | N/A     | N/A     | N/A     |
| AOE 6                    | N/A     | N/A     | N/A     | N/A     |
| ARS 50                   | N/A     | N/A     | N/A     | N/A     |
| AS 36/39                 | N/A     | N/A     | N/A     | N/A     |
| LPD 4                    | N/A     | N/A     | N/A     | N/A     |
| LPH 2                    | N/A     | N/A     | N/A     | N/A     |
| LSD 36                   | N/A     | N/A     | N/A     | N/A     |
| LSD 41                   | N/A     | N/A     | N/A     | N/A     |
| MCM 1 / MCS 12<br>MHC 51 | N/A     | N/A     | N/A     | N/A     |

**2. Depot Level Maintenance, continued****Table 2.1.e: Depot Maintenance Performance**

| Class of Vessel             | FY 1994 | FY 1995 | FY 1996 | FY 1997 |
|-----------------------------|---------|---------|---------|---------|
| AFB / AFDL /<br>AFDM / ARDM | N/A     | N/A     | N/A     | N/A     |
| NR-1                        | N/A     | N/A     | N/A     | N/A     |
| AGF 3                       | N/A     | N/A     | N/A     | N/A     |
| AGF 11                      | N/A     | N/A     | N/A     | N/A     |
| CG 47                       | N/A     | N/A     | N/A     | N/A     |
| DD 963                      | N/A     | N/A     | N/A     | N/A     |
| DDG 51                      | N/A     | N/A     | N/A     | N/A     |
| DDG 993                     | N/A     | N/A     | N/A     | N/A     |
| FFG 7                       | N/A     | N/A     | N/A     | N/A     |
| LHA 1                       | N/A     | N/A     | N/A     | N/A     |
| LHD 1                       | N/A     | N/A     | N/A     | N/A     |
| CGN 38                      | N/A     | N/A     | N/A     | N/A     |

\* SUBASE Pearl Harbor IMA does not perform any depot level maintenance. Therefore questions concerning depot level maintenance and depot summaries are answered NONE or N/A.

## Mission Area

**3. Training.**

3.1 Identify the average number of Man Days per year (MD/YR), for the period FY 1991 through FY 1993, provided by your activity.

Training to personnel permanently assigned to an operational ship: 0 MD/YR

Training to other personnel *not* permanently assigned to your activity: 0 MD/YR

Total training provided: 0 MD/YR

SUBASE Pearl does not provide training. SUBASE Pearl acquires training through other Navy activities like NSTCP and ATG.

## Mission Area

**4. Reserve Support**

4.1 Using Table 4.1, identify the Naval Reserve Units or Detachments, and the number of authorized billets for those units, regularly using your activity. Include, and clearly identify, support provided to non-Navy reserve components. Additionally, provide the three year average training received per year for the period FY 1991 through FY 1993 and the three year average production work performed by each unit or detachment in Direct Labor Man Hours per Fiscal Year (DLMH/FYs).

**Table 4.1: Reserve Contingent Training and Production**

| Reserve Unit | # of Billets | Average Training Received |         |         | Average Production Performed |         |         |
|--------------|--------------|---------------------------|---------|---------|------------------------------|---------|---------|
|              |              | FY 1991                   | FY 1992 | FY 1993 | FY 1991                      | FY 1992 | FY 1993 |
| DET 1016     | 34           | 476                       | 476     | 476     | 1760                         | 1760    | 1760    |
| DET 220      | 55           | 770                       | 770     | 770     | 2860                         | 2860    | 2860    |
| DET 113      | 55           | 770                       | 770     | 770     | 2860                         | 2860    | 2860    |
| DET 322      | 37           | 518                       | 518     | 518     | 1925                         | 1925    | 1925    |
| DET 409      | 50           | 700                       | 700     | 700     | 2640                         | 2640    | 2640    |
| DET 518      | 49           | 686                       | 686     | 686     | 2530                         | 2530    | 2530    |
| DET 618      | 58           | 812                       | 812     | 812     | 3025                         | 3025    | 3025    |
| DET 716      | 82           | 1148                      | 1148    | 1148    | 4290                         | 4290    | 4290    |
| DET 822      | 37           | 518                       | 518     | 518     | 1925                         | 1925    | 1925    |
| DET 918      | 65           | 910                       | 910     | 910     | 3355                         | 3355    | 3025    |

## Features and Facilities

## 5. Special Equipment and Skills

5.1 List and describe the specialized, unique or peculiar functions, capabilities, equipment, and skills at this activity for work on specific ship classes or, if applicable, other mission workload (specify). Highlight those capabilities which are "one of a kind" within the DON/DoD.

SUBASE IMA is a fully capable IMA. The facility has a number of unique, or rare capabilities which it distinguish it from other IMAs. These include:

- Modular Screen Repair Activity (R-4) - capability to perform depot level energized troubleshooting and repair to multilevel circuit cards.
- Prototype for the Dockside Chlorination Units (R-6) - Prevent the accumulation of sea growth on seawater systems while submarines are docked during extended upkeep periods.
- Hatch Cutting Facility (R-9) - Subase IMA has the ability to perform maintenance and repairs on submarine hatches.
- DC Motor Rewind
- Pilot Program for Quality Assurance records being kept on cannon file.

5.2 List and describe equipment and capabilities of this activity for processing or shipping Radioactive Liquid Waste (RLW) and radiologically contaminated or potentially contaminated solid waste.

Subase IMA has extensive Radioactive Liquid Waste (RLW) and radiologically contaminated solid waste capabilities which include:

- Radioactive Liquid Waste System - Process contaminated water into controlled pure water (CPW).
- Solidification of contaminated sea water, filter resin, etc.
- Waste Pressing for the compression of solid waste.

**TYCOM NOTE: THE FOLLOWING PROVIDES ADDITIONAL AMPLIFICATION ON THE SUBASE RLW AND SOLID WASTE PROCESSING:**

### 1. RLW SYSTEM

- A. TWO TANKS WITH A TOTAL OF 3,000 GALLON CAPACITY TO STORE RLW.
- B. FOUR PORTABLE EFFLUENT WASTE COLLECTION TANKS (1 - 7,000 GALLON CAPACITY, 3 - 1,500 GALLON CAPACITY).
- C. ONE 1,500 GALLON CONTROLLED PURE WATER DELIVERY TANK.
- D. ONE RLW PROCESSING TRAIN WHICH INCLUDES:
  - (1) THREE PRE-FILTERS
  - (2) FOUR DEMINERALIZERS (2 CHARCOAL, 2 RESIN)
- E. ONE PROCESSING TRAIN WITH DEMINERALIZER AND FILTERS TO PRODUCE CONTROLLED PURE WATER.
- F. TOTAL RLW PROCESSING CAPABILITY - UP TO 1000 GALLONS PER DAY.

**2. SOLID WASTE PROCESSING**

**A. SOLIDIFICATION OF NON-PROCESSABLE LIQUIDS INTO 55 GALLON DRUMS, INCLUDING:**

- (1) EXPENDED RESIN**
- (2) CONTAMINATED SEAWATER**
- (3) RESIDUAL ANALYTICAL SOLUTIONS**

**SOLIDIFICATION TAKES PLACE WITHIN THE NUCLEAR SUPPORT FACILITY (NSF) ON AN AS NEEDED BASIS**

**B. WASTE COMPACTING OF COMPRESSIBLE CONTAMINATED OR POTENTIALLY CONTAMINATED MATERIAL INTO 55 GALLON DRUMS. WASTE PRESS SYSTEM IS SELF-CONTAINED AND IS IN A PERMANENTLY ESTABLISHED FACILITY WITHIN THE NSF. SUPPORTED BY A RADMAN MANIFOLD AND AIR HOSES FOR THE REGULATION OF BREATHING AIR DURING WASTE PRESS OPERATIONS OR TANK INSPECTIONS.**

**C. DECONTAMINATION FACILITY ESTABLISHED PERMANENTLY WITHIN THE NSF TO MECHANICALLY DECONTAMINATE AND PRECESS RAM.**

**D. MULTI-CHANNEL ANALYZER (CANBERRA 35N) FOR ISOTOPIC ANALYSIS AND ACTIVITY DETERMINATION OF SOLID MATERIAL AND SOLID AND LIQUID SAMPLES.**

**E. SHIPPING CAPACITY**

- (1) SHIPPING OF SOLIDIFIED AND WASTE PRESSED 55 GALLON DRUMS; B-25 BOXES CONTAINING NON-COMPRESSIBLE MATERIAL FOR BURIAL.**

**WITH THE EXCEPTION OF ITEMS 1C AND 2D, ABOVE CAPABILITIES WILL BE ACCOMPLISHED BY NEW CIF FACILITY AND OPERATED BY PHNSY.**

## Features and Facilities

**6. Regional Maintenance Concept.**

6.1 Describe your activity's involvement in the planning, prototype preparation, prototype operation, or other aspects of the Regional Maintenance Concept.

The Regional Maintenance Concept involves the consolidation of Subase IMA and SIMA into an Intermediate Maintenance Facility. By FY-1995, several shops will have consolidated their work stations (shops 17A, 35A, 67M, 31C). Other plans include Pearl Harbor Naval Shipyard taking over all Radiological Waste Control. And plans are currently being discussed for Pearl Harbor Naval Shipyard to perform all nuclear welding.

## Features and Facilities

**7. IPE Age.**

7.1 What is the average age of Industrial Plant Equipment at the shipyard as of FY 1993?

Average IPE Age = 17.6 Years

## Features and Facilities

**8. Facility Measures**

8.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

Table 8.1: Facility Conditions

| CCN | Facility Type                             | Condition |             |            | Comments |
|-----|---|-----------|-------------|------------|----------|
|     |   | Adequate  | Substandard | Inadequate |          |
| 135 | Fiber Optic Cable                         | 0.8       | 0           | 0          |          |
| 143 | Bldg. 0236 - Paint Locker                 | 0         | 0.7         | 0          |          |
| 143 | Bldg. 1030 -<br>Repair Department Storage | 0.3       | 0           | 0          |          |
| 143 | Bldg. 0790 -<br>Haz Wst Storage           | 0         | 0           | 0.5        |          |
| 143 | Bldg. 1261 -<br>Car Port                  | 0         | 0           | 0.6        |          |
| 143 | Bldg. 1260 -<br>Car Port                  | 0         | 0.6         | 0          |          |
| 143 | Bldg. 1172 - Transportation<br>Storage    | 0         | 1.7         | 0          |          |

| CCN | Facility Type   | Condition |             |            | Comments |
|-----|---|-----------|-------------|------------|----------|
|     |   | Adequate  | Substandard | Inadequate |          |
| 143 | Bldg. 0796 - Dive Shop                                | 0         | 1.2         | 0          |          |
| 143 | Bldg. 1259 - Recycling Shop                           | 0         | 4.6         | 0          |          |
| 143 | Bldg. 1668 - LOX/NITRO Clean Room                     | 0.4       | 0           | 0          |          |
| 143 | Bldg. 1258 - Civil Engineering Supply (Disaster Ctrl) | 0         | 0           | 5.0        |          |
| 143 | Bldg. 0653 - Flammable Storage Repair                 | 0         | 0.2         | 0          |          |
| 143 | Bldg. 1667 - Storage Submarine (SQDRNS 1/7)           | 4.1       | 0           | 0          |          |
| 143 | Bldg. 1320 - LOX/Nitrogen Fac                         | 2.2       | 0           | 0          |          |
| 143 | Bldg. 0681 - Admin Building                           | 0         | 5.1         | 0          |          |
| 151 | Bldg. S-8/9 Berthing Pier                             | 0         | 0           | 16.1       |          |
| 151 | Bldg. S-4/5 Berthing Pier                             | 0         | 0           | 12.9       |          |
| 152 | Bldg. S-20 Berthing Wharf                             | 0         | 0           | 24.8       |          |
| 152 | Bldg. S-1 Berthing Wharf                              | 0         | 0           | 49.9       |          |
| 152 | Bldg. S10/14 Berthing Wharf                           | 0         | 0           | 43.1       |          |
| 152 | Bldg. S-21 Berthing Wharf                             | 0         | 0           | 37.6       |          |
| 152 | Bldg. K-1 Berthing Wharf                              | 0         | 0           | 15.4       |          |
| 154 | Bldg. Y-2 Quay Wall                                   | 0         | 0           | 0.3        |          |
| 154 | Bldg. Y-3 Quay Wall                                   | 0         | 1.0         | 0          |          |

| CCN | Facility Type                                   | Condition |             |            | Comments |
|-----|---|-----------|-------------|------------|----------|
|     |   | Adequate  | Substandard | Inadequate |          |
| 154 | Bulkheads                                       | 0         | 0.6         | 0          |          |
| 155 | Bldg. 1193 -<br>Small Craft Pier                | 0         | 0           | 0.5        |          |
| 155 | Bldg. 1748 - Boathouse<br>Engine Test Cell Room | 0.3       | 0           | 0          |          |
| 155 | Bldg. 1195 -<br>Small Craft Pier                | 0         | 0           | 0.3        |          |
| 155 | Bldg. 1381 -<br>Small Craft Landing Shed        | 0         | 0.5         | 0          |          |
| 155 | Bldg. 1197 -<br>Small Craft Pier                | 0         | 0           | 0.3        |          |
| 155 | Bldg. 1196 -<br>Small Craft Pier                | 0         | 0           | 0.6        |          |
| 155 | Bldg. 1192 -<br>Small Craft Pier                | 0         | 0           | 0.3        |          |
| 155 | Bldg. 1588 - Torpedo<br>Retriever Boathouse     | 10.7      | 0           | 0          |          |
| 155 | Bldg. 1194 -<br>Small Craft Pier                | 0         | 0           | 0.3        |          |
| 171 | Bldg. S0937 - Pistol Range                      | 0         | 1.3         | 0          |          |
| 171 | Bldg. 1262 -<br>SUBTRACENPAC Bldg.              | 42.6      | 0           | 0          |          |
| 171 | Bldg. 1749 -<br>Self Help Shop                  | 7.0       | 0           | 0          |          |
| 171 | Bldg. 1028 -<br>Paint Locker-Hobby Shop         | 0         | 0.1         | 0          |          |
| 171 | Bldg. 0676 -<br>MOTU-1                          | 0         | 2.7         | 0          |          |
| 171 | Bldg. 1378 - Technical<br>Trng Bldg. (SSEP)     | 25.5      | 0           | 0          |          |
| 179 | Bldg. 0659 - Submarine<br>Dive Tower            | 0         | 0.2         | 0          |          |
| 213 | Bldg. 0651 - Outside<br>Machine/Carpentry       | 0         | 0           | 20.2       |          |

| CCN | Facility Type                                     | Condition |             |            | Comments |
|-----|---|-----------|-------------|------------|----------|
|     |   | Adequate  | Substandard | Inadequate |          |
| 213 | Bldg. 0674 - Rcvng Strg                           | 0         | 7.8         | 0          |          |
| 213 | Bldg. 0445 - Warehouse,<br>Carpentry Shop         | 0         | 8.3         | 0          |          |
| 213 | Bldg. 0640 - Storage Misc.                        | 0         | 4.3         | 0          |          |
| 213 | Bldg. 0650 - Fairing/R8                           | 0         | 0           | 3.3        |          |
| 213 | Bldg. 0644 - Supply<br>Storage/25D                | 0         | 0           | 6.1        |          |
| 213 | Bldg. 1341 - Repair<br>Department                 | 0         | 0           | 38.6       |          |
| 213 | Bldg. 0660 -<br>Ship Repair Shop                  | 0         | 0           | 56.5       |          |
| 213 | Bldg. 0417 - Radcon<br>Storage/R5                 | 0         | 7.1         | 0          |          |
| 213 | Bldg. 0645 - SUBASE<br>Transportation             | 0         | 0           | 12.6       |          |
| 213 | Bldg. 0683 -<br>Armory/Periscope Shop             | 0         | 0           | 28.8       |          |
| 441 | Bldg. 0692 - Supply<br>Whse/Admin                 | 0         | 0           | 42.0       |          |
| 441 | Bldg. 0416 - Hazardous<br>Material Warehouse/R10  | 0         | 7.1         | 0          |          |
| 451 | Open Storage Area                                 | 0         | 34.2        | 0          |          |
| 610 | Bldg. 0697 - Command<br>Career Council            | 0.7       | 0           | 0          |          |
| 610 | Bldg. 0661 - Administration<br>Building           | 0         | 53.2        | 0          |          |
| 610 | Bldg. 1310 - Administration<br>Bldg. (CSP)        | 12.5      | 0           | 0          |          |
| 610 | Bldg. 0665 - COMSUBPAC                            | 0         | 0           | 9.7        |          |
| 610 | Bldg. 0659A - Civil<br>Engineering/<br>Operations | 0         | 4.2         | 0          |          |
| 610 | Bldg. 0666 - Garage                               | 0         | 0           | 1.8        |          |

| CCN | Facility Type  | Condition     |             |            | Comments |
|-----|--|---------------|-------------|------------|----------|
|     |  | Adequate      | Substandard | Inadequate |          |
| 610 | Bldg. 0679 - PASS/ID                                 | 0             | 33.1        | 0          |          |
| 610 | Bldg. 0682 -<br>CSPCMAA/Chaplain/<br>Navy Exchange   | 0             | 0           | 9.9        |          |
| 610 | Bldg. 0619 - COMSUBPAC<br>Admin/Commctr              | 0             | 0           | 21.6       |          |
| 690 | Bldg. S0956 -<br>Flag Pole                           | 0.001<br>EACH | 0           | 0          |          |
| 721 | Bldg. 1627 -<br>BEQ (32 Rooms)                       | 13.8          | 0           | 0          |          |
| 721 | Bldg. 1368 - BEQ/White<br>Hall<br>(34 Rooms)         | 0             | 14.1        | 0          |          |
| 721 | Bldg. 1335 - BEQ/Dallwitz<br>Hall (63 Rooms)         | 0             | 28.7        | 0          |          |
| 721 | Bldg. 1367 - BEQ/Freaner<br>Hall (32 Rooms)          | 0             | 14.1        | 0          |          |
| 721 | Bldg. 1626 -<br>BEQ (32 Rooms)                       | 11.8          | 0           | 0          |          |
| 721 | Bldg. 1628 -<br>BEQ (32 Rooms)                       | 11.8          | 0           | 0          |          |
| 721 | Bldg. 1723 -<br>BEQ/Smallwood Hall (160<br>Rooms)    | 115.9         | 0           | 0          |          |
| 721 | Bldg. 1497 -<br>BEQ/Thomason Hall (30<br>Rooms)      | 20.0          | 0           | 0          |          |
| 721 | Bldg. 1330 - BEQ/Zelina<br>Hall (63 Rooms)           | 0             | 28.0        | 0          |          |
| 721 | Bldg. 1496 -<br>BEQ/Robertson Hall (4<br>Rooms, VIP) | 1.7           | 0           | 0          |          |
| 721 | Bldg. 0654 - BEQ/Paquet<br>Hall (189 Rooms)          | 206.2         | 0           | 0          |          |
| 721 | Bldg. 1334 - BEQ/Amdriold<br>Hall (33 Rooms)         | 15.9          | 0           | 0          |          |

| CCN | Facility Type                                   | Condition |             |            | Comments |
|-----|---|-----------|-------------|------------|----------|
|     |   | Adequate  | Substandard | Inadequate |          |
| 721 | Bldg. 1366 - BOQ/Annex A<br>(48 Rooms)          | 0         | 29.2        | 0          |          |
| 722 | Bldg. 1371 -<br>Walk In Reefer -Mess Hall       | 0.1       | 0           | 0          |          |
| 723 | Bldg. 1590 - Picnic Shelter                     | 0.4       | 0           | 0          |          |
| 723 | Bldg. 1592 - Picnic Shelter                     | 0.4       | 0           | 0          |          |
| 723 | Bldg. 1498 -<br>A/C Plant Building BEQ          | 1.0       | 0           | 0          |          |
| 723 | Bldg. 1591 - Picnic Shelter                     | 0.4       | 0           | 0          |          |
| 723 | Bldg. 1593 - Picnic Shelter                     | 0.4       | 0           | 0          |          |
| 724 | Bldg. 0662 -<br>BOQ/Lockwood Hall (38<br>Rooms) | 42.7      | 0           | 0          |          |
| 724 | Bldg. 1729 - BOQ/Annex B<br>(53 Rooms)          | 27.5      | 0           | 0          |          |
| 730 | Bldg. 1670 -<br>Guard Shack                     | .03       | 0           | 0          |          |
| 730 | Bldg. 0784 - Public Toilet-<br>Gabrunas         | 0         | 0.7         | 0          |          |
| 730 | Bldg 1732 -<br>SUBASE Post Office               | 2.8       | 0           | 0          |          |
| 730 | Bldg. 0680 -<br>Fire Station                    | 6.7       | 0           | 0          |          |
| 730 | Bldg. S0946 - Personnel<br>Protective Shelter   | 0         | 1.5         | 0          |          |
| 730 | Bldg. 1728 -<br>Guard Shack,<br>AFDM-6          | 24.0      | 0           | 0          |          |
| 730 | Bldg. 1671 -<br>Guard Shack                     | .03       | 0           | 0          |          |
| 730 | Bldg. 0663 - Latrine EM                         | 0         | 0.3         | 0          |          |
| 730 | Bldg. 1640 -<br>Rest Room/Millican Field        | 0.5       | 0           | 0          |          |

| CCN | Facility Type                                    | Condition |             |            | Comments |
|-----|--|-----------|-------------|------------|----------|
|     |  | Adequate  | Substandard | Inadequate |          |
| 730 | Bldg. 1288 - Automatic Snack Bar                 | 1.1       | 0           | 0          |          |
| 730 | Bldg. S0936 - Personnel Protective Shelter       | 0         | 1.0         | 0          |          |
| 730 | Bldg. 0708 - Submarine Memorial Chapel           | 0         | 2.8         | 0          |          |
| 730 | Bldg. S0721 - Fallout Shelter                    | 0         | 1.1         | 0          |          |
| 730 | Bldg. 1669 - Guard Shack                         | .03       | 0           | 0          |          |
| 730 | Bldg. S0938 - Personnel Protective Shelter       | 0         | 1.1         | 0          |          |
| 740 | Bldg. 0667 - Gymnasium                           | 0         | 0           | 22.8       |          |
| 740 | Bldg. 0584 - Barracks Storage                    | 0         | 0           | 5.0        |          |
| 740 | Bldg. 0628 - Theatre                             | 0         | 8.0         | 0          |          |
| 740 | Bldg. 0678 - 1st LT/Waterfront Div               | 0         | 0           | 19.0       |          |
| 740 | Bldg. 1736 - SUBASE Bowling Alley                | 21.7      | 0           | 0          |          |
| 740 | Bldg. 1663 - Officer Pool Bathhouse              | 0.4       | 0           | 0          |          |
| 740 | Bldg. 1742 - Millican Field Concession Stand MWR | 0.2       | 0           | 0          |          |
| 740 | Bldg. 1594 - Car Port/Auto Hobby Shop            | 3.2       | 0           | 0          |          |
| 740 | Bldg. 0709 - Ticket and Tours                    | 0.4       | 0           | 0          |          |
| 740 | Bldg. 1382 - NEX Auto Brake Shop                 | 0.9       | 0           | 0          |          |
| 740 | Bldg. 1383 - NEX Tire & Battery Shop             | 0         | 1.6         | 0          |          |
| 740 | Bldg. 1181 - Swim Pool Bath House                | 1.2       | 0           | 0          |          |

| CCN | Facility Type                                  | Condition            |             |            | Comments |
|-----|--|----------------------|-------------|------------|----------|
|     |  | Adequate             | Substandard | Inadequate |          |
| 740 | Bldg. 1755 - Handball/Racquet Ball Court       | 2.0                  | 0           | 0          |          |
| 740 | Bldg. 1171 - Golden Dolphin                    | 1.1                  | 0           | 0          |          |
| 740 | Bldg. 0693 - Navy Exchange/ Admin              | 0                    | 0           | 35.3       |          |
| 740 | Bldg. 1231 - NEX Auto Accessories Sales        | 3.5                  | 0           | 0          |          |
| 740 | Bldg. 1257 - Hobby Shop Auto/Craft             | 0                    | 15.3        | 0          |          |
| 740 | Bldg. 0711 - EM Club Beeman Center             | 0                    | 0           | 23.9       |          |
| 740 | Bldg. 1206 - Service Station-Navy Exchange     | 0                    | 3.6         | 0          |          |
| 740 | Bldg. 1533 - Indoor Handball Court (4EA)       | 3.2                  | 0           | 0          |          |
| 740 | Bldg. 1664 - Millican Field Concession Storage | 0.1                  | 0           | 0          |          |
| 740 | Bldg. 1665 - Pool Picnic Shelter               | 0.8                  | 0           | 0          |          |
| 740 | Bldg. 1616 - Tennis Pro Shop                   | 0.8                  | 0           | 0          |          |
| 740 | Bldg. 1655 - Child Care Center                 | 5.6                  | 0           | 0          |          |
| 740 | Bldg. 1666 - Tennis Court Pavilion             | 1.3                  | 0           | 0          |          |
| 750 | Bldg. 1238 - Filter House, Swimming Pool       | 1.3                  | 0           | 0          |          |
| 750 | Bldg. S1180 - Outdoor Swimming Pool (Grenfell) | 2.1                  | 0           | 0          |          |
| 750 | Bldg. S0962 - Baseball Diamond (Millican)      | 0.001<br><b>EACH</b> | 0           | 0          |          |

| CCN | Facility Type   | Condition            |             |            | Comments |
|-----|---|----------------------|-------------|------------|----------|
|     |   | Adequate             | Substandard | Inadequate |          |
| 750 | Bldg. S0957 - Swimming Pool Officers                  | 1.1<br><b>EACH</b>   | 0           | 0          |          |
| 750 | Bldg. 1415 - Playing Court Basketball                 | 0                    | 1.0         | 0          |          |
| 750 | Bldg. S0991 - Softball Diamond (Gabrunas)             | 1.0<br><b>EACH</b>   | 0           | 0          |          |
| 750 | Bldg. S0964 - Playground                              | 0                    | 0.001       | 0          |          |
| 750 | Bldg. S0974 - Court Tennis                            | 0.001<br><b>EACH</b> | 0           | 0          |          |
| 750 | Bldg. 1416 - Playing Court Basketball                 | 0                    | 1.0         | 0          |          |
| 750 | Bldg. S0963 - Court Tennis Officers                   | 0.001                | 0           | 0          |          |
| 750 | Bldg. S0664 - Swimming Pool E M                       | 2.8<br><b>EACH</b>   | 0           | 0          |          |
| 760 | Bldg. 1380 - Memorial USS Parche                      | .001<br><b>EACH</b>  | 0           | 0          |          |
| 760 | Bldg. 1244 - Submarine Memorial                       | 1.0<br><b>EACH</b>   | 0           | 0          |          |
| 811 | Bldg. 1724 - Emergency Generator Room - By Bldg. 1723 | 0.3                  | 0           | 0          |          |
| 811 | Bldg. 1322 - Standby Generator Plant 2X10KW           | 1.1                  | 0           | 0          |          |
| 811 | Bldg. 1731 - BOQ Stand-By Generator                   | 0.5                  | 0           | 0          |          |
| 821 | Bldg. 1648 - Fuel Oil Storage Tank                    | 1.0                  | 0           | 0          |          |
| 831 | Bldg. 1650 - Hazard Waste Storage                     | 0.6                  | 0           | 0          |          |
| 831 | Hazwaste Storage Area (Paved Area)                    | 4.3                  | 0           | 0          |          |
| 831 | Bldg. 1232 - Nuclear Maint Fac (Pure Water Fac.)      | 0                    | 0           | 4.5        |          |

| CCN             | Facility Type                         | Condition |             |            | Comments |
|-----------------|---------------------------------------|-----------|-------------|------------|----------|
|                 |                                       | Adequate  | Substandard | Inadequate |          |
| 831             | Bldg. 0797 -<br>Bunk Room for RADCON  | 0         | 0.6         | 0          |          |
| 833             | Bldg. 0658 - Garbage<br>House, Galley | 0         | 0.7         | 0          |          |
| 844             | Bldg. 1716 -<br>Pure Water Facility   | 2.3       | 0           | 0          |          |
| 851             | Roads Bituminous                      | 0         | 600.3       | 0          |          |
| 852             | Sidewalk                              | 0         | 33.3        | 0          |          |
| 852             | Bldg. 1316 - Stairway Dive<br>Tower   | 0         | 0.3         | 0          |          |
| 852             | Paved Working<br>Area/Bituminous      | 0         | 104.4       | 0          |          |
| 852             | Other Pavement/Bituminous             | 0         | 37.8        | 0          |          |
| 52              | Parking Area                          | 555.2     | 0           | 0          |          |
| 871             | Retaining Wall                        | 0         | 0.1         | 0          |          |
| 872             | Fencing                               | 36.0      | 0           | 0          |          |
| Activity TOTAL: |                                       | 1,269.30  | 1,111.00    | 569.50     |          |

**TYCOM NOTE: UNIT OF MEASURE FOR THOSE FACILITIES MARKED "EACH" IS EACH VICE "KSF". CORRECTION ENTERED BY TYCOM IN BOLD**

### 8. Facility Measures, continued

8.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories in Table 8.1, 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?

- a. Facility type/code:  
B584 CC 740-88 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, and temporary bldg.
- c. What use is being made of the facility?  
Barracks storage/offices.
- d. What is the cost to upgrade the facility to substandard?  
\$750K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C-3. (NO) Cost to upgrade is currently unfunded.

**TYCOM NOTE: BASEREP RATING ENTRIES REVISED PER SUBBASE ON 8 JUN 94 AND ENTERED BY TYCOM IN BOLD.**

- a. Facility type/code:  
B619 CC 610-10 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), termite damage and built as temporary bldg.
- c. What use is being made of the facility?  
COMSUBPAC Admin and OPCON Center.
- d. What is the cost to upgrade the facility to substandard?  
\$4,350K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C-3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B644 CC 213-77 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and termite damage.
- c. What use is being made of the facility?  
Repair General Services Division (Vacated FY95 to B1770).
- d. What is the cost to upgrade the facility to substandard?  
\$1,250K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B645 CC 610-10 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and termite damage.
- c. What use is being made of the facility?  
SUBASE Transportation bldg.
- d. What is the cost to upgrade the facility to substandard?  
\$2,550K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
MILCON Project P-098 (unprogrammed). Demolishes building 645 and constructs a new Transportation building.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B660 CC 213-30 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, and logistics.
- c. What use is being made of the facility?  
Repair Department Offices/Shops (Vacated FY95 to B1770)
- d. What is the cost to upgrade the facility to substandard?  
\$7,480K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
After Repair Department relocation, will demolish building 660 as soon as approved and funded.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to demolish is currently unfunded.

- a. Facility type/code:  
B650 CC 213-30 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration and logistics.
- c. What use is being made of the facility?  
Repair Department - Fairing Repair (Vacated FY95 to B1770).
- d. What is the cost to upgrade the facility to substandard?  
\$700K.
- e. What other use could be made of the facility and at what cost?  
Storage/Offices.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B651 CC 213-30 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration and logistics.
- c. What use is being made of the facility?  
Repair Department/Outside Machine Shop/Flex Hose/Carpentry (vacated FY95 to B1770).
- d. What is the cost to upgrade the facility to substandard?  
\$4,050K.
- e. What other use could be made of the facility and at what cost?  
Storage/Offices. Estimated cost is \$20,000K.
- f. Current improvement plans and programmed funding:  
MILCON Project P-152 (unprogrammed). Renovates building 651 for COMSUBPAC OPCON and office spaces.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B665 CC 610-10 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and termite damage.
- c. What use is being made of the facility?  
COMSUBPAC N4 Offices.
- d. What is the cost to upgrade the facility to substandard?  
\$1,950K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
MILCON Project P-152 (unprogrammed). Relocates COMSUBPAC offices from building 665 and demolishes building 665.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. (NO) Cost to upgrade is currently unfunded.

**TYCOM NOTE: BASEREP RATING ENTRIES REVISED PER SUBBASE ON 8 JUN 94 AND ENTERED BY TYCOM IN BOLD.**

- a. Facility type/code:  
B666 CC 610-77 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and termite damage.
- c. What use is being made of the facility?  
Garage/Storage.
- d. What is the cost to upgrade the facility to substandard?  
\$360K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. (NO) Cost to upgrade is currently unfunded.

**TYCOM NOTE: BASEREP RATING ENTRIES REVISED PER SUBBASE ON 8 JUN 94 AND ENTERED BY TYCOM IN BOLD.**

- a. Facility type/code:  
B667 CC 740-43 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and termite damage.
- c. What use is being made of the facility?  
MWR Gymnasium.
- d. What is the cost to upgrade the facility to substandard?  
\$4,600K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
MILCON Project P-017 (unprogrammed). Constructs a new gym on building 692 site and demolishes building 667.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.
- 
- a. Facility type/code:  
B678 CC 740-40 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and deterioration.
- c. What use is being made of the facility?  
Storage.
- d. What is the cost to upgrade the facility to substandard?  
\$3,800K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.
- 
- a. Facility type/code:  
B682 CC 610-10 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), termite damage, and structural damage.
- c. What use is being made of the facility?  
COMSUBPAC Offices.
- d. What is the cost to upgrade the facility to substandard?  
\$2,000K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
MILCON Project P-152 (unprogrammed). Relocates COMSUBPAC offices and demolishes building 682.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B683 CC 213-30 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and logistics.
- c. What use is being made of the facility?  
Repair Department/Periscope Shop.
- d. What is the cost to upgrade the facility to substandard?  
\$5,800K.
- e. What other use could be made of the facility and at what cost?  
No cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-140 (unprogrammed).
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B692 CC 441-10 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and termite damage.
- c. What use is being made of the facility?  
Supply Department/Warehouse.
- d. What is the cost to upgrade the facility to substandard?  
\$8,400K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
MILCON Project P-089 (unprogrammed). Relocates Supply offices and warehouse to new building and demolishes building 692.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B693 CC 740-29 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and termite damage.
- c. What use is being made of the facility?  
Navy Exchange Admin/Package Store.
- d. What is the cost to upgrade the facility to substandard?  
\$7,060K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
NEX action.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. (NO) Cost to upgrade is currently unfunded.

**TYCOM NOTE: BASEREP RATING ENTRIES REVISED PER SUBBASE ON 8 JUN 94 AND ENTERED BY TYCOM IN BOLD.**

- a. Facility type/code:  
B711 CC 740-63 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and termite damage.
- c. What use is being made of the facility?  
EM Club, Beeman Center.
- d. What is the cost to upgrade the facility to substandard?  
\$4,780K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
MILCON Project P-092 (unprogrammed). Constructs new EM/CPO Club and demolishes building 711.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B790 CC 143-78 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration and size.
- c. What use is being made of the facility?  
Haz Waste Storage.
- d. What is the cost to upgrade the facility to substandard?  
\$100K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. (NO) Cost to upgrade is currently unfunded.

**TYCOM NOTE: BASEREP RATING ENTRIES REVISED PER SUBBASE ON 8 JUN 94 AND ENTERED BY TYCOM IN BOLD.**

- a. Facility type/code:  
B1192/1193/1194/1195/1196/1197 CC 155-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, and inadequate size for operations and potential impact.
- c. What use is being made of the facility?  
Small craft piers.
- d. What is the cost to upgrade the facility to substandard?  
\$1,620K/\$2,670K/\$1,620K/\$1,620K/\$3,120K/\$1,620K.
- e. What other use could be made of the facility and at what cost?  
Berth small work boats at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-106 (unprogrammed).
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B1232 CC 831-39 (see Table 8.1)
- b. What makes it inadequate?  
Logistics.
- c. What use is being made of the facility?  
Repair Department RADCON storage (vacated FY 94 to new CIF facility)
- d. What is the cost to upgrade the facility to substandard?  
Cost to decontaminate building is unknown at this time.
- e. What other use could be made of the facility and at what cost?  
Other storage uses. Unknown cost.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. (NO) Cost to upgrade is currently unfunded.

**TYCOM NOTE: BASEREP RATING ENTRIES REVISED PER SUBBASE ON 8 JUN 94 AND ENTERED BY TYCOM IN BOLD.**

- a. Facility type/code:  
B1258 CC 143-77 (see Table 8.1)
- b. What makes it inadequate?  
Rust and deterioration.
- c. What use is being made of the facility?  
Civil Engineering Supply.
- d. What is the cost to upgrade the facility to substandard?  
\$1,000K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
B1261 CC 143-10 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage) and deterioration.
- c. What use is being made of the facility?  
Car Port.
- d. What is the cost to upgrade the facility to substandard?  
\$40K.
- e. What other use could be made of the facility and at what cost?  
None.
- f. Current improvement plans and programmed funding:  
None at this time.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. (NO) Cost to upgrade is currently unfunded.

**TYCOM NOTE: BASEREP RATING ENTRIES REVISED PER SUBBASE ON 8 JUN 94 AND ENTERED BY TYCOM IN BOLD.**

- a. Facility type/code:  
B1341 CC 213-30 (see Table 8.1)
- b. What makes it inadequate?  
Logistics.
- c. What use is being made of the facility?  
Repair Department Offices/Shops (Vacated FY95 to B1770).
- d. What is the cost to upgrade the facility to substandard?  
\$4,900K.
- e. What other use could be made of the facility and at what cost?  
Storage/Offices. Estimated cost is \$10,000K.
- f. Current improvement plans and programmed funding:  
MILCON Project P-152 (unprogrammed). Renovates building 1341 for COMSUBPAC offices and OPCON center.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.
- 
- a. Facility type/code:  
K-1 CC 152-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, crane capacity.
- c. What use is being made of the facility?  
Berthing Wharf.
- d. What is the cost to upgrade the facility to substandard?  
\$28,000K.
- e. What other use could be made of the facility and at what cost?  
Open storage/parking at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-133 (unprogrammed).
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.
- 
- a. Facility type/code:  
S-1A/B CC 152-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, damage, and crane capacity.
- c. What use is being made of the facility?  
Berthing Wharf.
- d. What is the cost to upgrade the facility to substandard?  
\$50,000K.
- e. What other use could be made of the facility and at what cost?  
Open storage/parking at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-124, FY 2001.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
S-10/14 CC 152-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, damage, and crane capacity.
- c. What use is being made of the facility?  
Berthing Wharf.
- d. What is the cost to upgrade the facility to substandard?  
\$60,000K.
- e. What other use could be made of the facility and at what cost?  
Open storage/parking at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-124 (S10-12), FY97.  
MILCON Project P-150 (S13-14), FY98.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
S-20 CC 152-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, damage, and crane capacity.
- c. What use is being made of the facility?  
Berthing Wharf.
- d. What is the cost to upgrade the facility to substandard?  
\$28,000K.
- e. What other use could be made of the facility and at what cost?  
Open storage/parking at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-132 (unprogrammed).
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
S-21 CC 152-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, damage, and crane capacity.
- c. What use is being made of the facility?  
Berthing Wharf.
- d. What is the cost to upgrade the facility to substandard?  
\$37,000K.
- e. What other use could be made of the facility and at what cost?  
Open storage/parking at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-137, FY99.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
S4/5 CC 151-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, damage, and crane capacity.
- c. What use is being made of the facility?  
Berthing Pier.
- d. What is the cost to upgrade the facility to substandard?  
\$25,000K.
- e. What other use could be made of the facility and at what cost?  
Open storage/parking at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-097 in FY96 will demo pier.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
S8/9 CC 151-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, damage, and crane capacity.
- c. What use is being made of the facility?  
Berthing Pier.
- d. What is the cost to upgrade the facility to substandard?  
\$25,000K.
- e. What other use could be made of the facility and at what cost?  
Open storage/parking at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-097, FY96.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

- a. Facility type/code:  
Y-2 CC 154-20 (see Table 8.1)
- b. What makes it inadequate?  
Age (WWII vintage), deterioration, damage, and unsuitable.
- c. What use is being made of the facility?  
Submarine berthing.
- d. What is the cost to upgrade the facility to substandard?  
\$28,000K.
- e. What other use could be made of the facility and at what cost?  
Open storage/parking at no cost.
- f. Current improvement plans and programmed funding:  
MILCON Project P-117, FY94.
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3. Cost to upgrade is currently unfunded.

## Features and Facilities

## 9. Stand Alone Features

9.1 Identify the support (police, fire protection, etc.) now provided by the host Naval or Marine Corps activity or other source. Add any additional applicable factors. Identify what factors would be needed by your activity if the host facility is closed.

Table 9.1: Support Facilities

| Support    | Currently Obtained from:            | Needed if Host Closes? |
|------------|-------------------------------------|------------------------|
| Police     | Naval Station, Pearl Harbor HI      | Yes                    |
| Security   | Naval Station, Pearl Harbor, HI     | Yes                    |
| Fire       | Naval Station, Pearl Harbor, HI     | Yes                    |
| Cafeteria  | Naval Station, Pearl Harbor, HI     | Yes                    |
| Parking    | N/A                                 | No                     |
| Utilities  | <del>N/A</del> PWC Pearl Harbor, HI | No                     |
| Child Care | Naval Station, Pearl Harbor, HI     | Yes                    |

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| Support                     | Currently Obtained from:                      | Needed if Host Closes? |
|-----------------------------|---|------------------------|
| Police Services             | Naval Station, Pearl Harbor HI                | Yes                    |
| Fire Protection             | Naval Station, Pearl Harbor, HI               | Yes                    |
| Clubs                       | Naval Station, Pearl Harbor, HI               | Yes                    |
| Community Support Services  | Naval Station, Pearl Harbor, HI               | Yes                    |
| Chaplain Services           | Naval Station, Pearl Harbor, HI               | Yes                    |
| Civilian Personnel Services | Human Resources Office, Pearl Harbor, HI      | Yes                    |
| ADP                         | Fleet Industrial Support Center, Pearl Harbor | Yes                    |
| Explosive Ordnance          | Naval Magazine Lualualei, Pearl Harbor, HI    | Yes                    |
| Morale and Fitness Support  | Naval Station, Pearl Harbor, HI               | Yes                    |
| Exchange Services           | Navy Resale and Services Office               | Yes                    |

TYCOM NOTE: TABLE 9.1 CORRECTED BY TYCOM TO REFLECT COMPLETE

**SPECTRUM OF SUPPORT PROVIDED TO SUBBASE PEARL HARBOR AS SHOWN IN COMSUBPACINST 5450.6A. MISSIONS, FUNCTIONS AND TASKS OF SUBMARINE BASE PEARL HARBOR.**

9.2 If your activity is relocated, what new location(s) (for your activity) most efficiently provides adequate oversight of this support?

SUBBASE Pearl does not provide oversight for the support functions listed above.

**TYCOM NOTE: THE TYCOM INTERPRETS THIS QUESTION TO MEAN WHAT EXISTING NAVAL ACTIVITY WOULD BEST PROVIDE THE SUPPORT LISTED IN TABLE 9.1 (AS APPENDED BY THE TYCOM) TO SUBBASE IF SUBBASE IS RELOCATED AS A RESULT OF CLOSURE OF NAVSTA PEARL. WITHOUT ACCESS TO THE BRAC DATA CALL SIX DATA BASE, THE TYCOM IS UNABLE TO PROVIDE A LISTING OF SPECIFIC NAVAL ACTIVITIES WHICH COULD PROVIDE THE SUPPORT CURRENTLY PROVIDED BY NAVSTA. IN ADDITION, ANY RELOCATION WOULD GENERATE NEW SUPPORT REQUIREMENTS DUE TO LOSS OF INFRASTRUCTURE, UTILITIES, SERVICES, ETC. IT IS THE OPINION OF THE TYCOM THAT NO EXISTING NAVAL COMPLEX EXISTS WHICH COULD ABSORB SUBBASE AS A TENANT WITHOUT MAJOR MILCON TO INCREASE THE BASE OPERATION SUPPORT CAPACITY OF THE COMPLEX.**

Costs

## 10. Investments

10.1. List the project number, description, funding year, and value of the *capital improvements at your base completed (beneficial occupancy) during FY 1988 to FY 1994*. Indicate if the capital improvement is a result of BRAC realignments or closures.

Table 10.1: Capital Improvement Expenditure

| Project          | Description   | Fund Year | Value     |
|------------------|---|-----------|-----------|
| N62471-86-C-2481 | BLDG. 521 - UPGRADE WHARF FOR CRANE LOADING<br><br>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  |

| Project          | Description   | Fund Year | Value       |
|------------------|---|-----------|-------------|
| N62471-85-C-2702 | BLDG. 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   |
| 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)<br>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   |

| Project                   | Description  | Fund Year    | Value       |
|---------------------------|--|--------------|-------------|
| 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<br>N62742-87-C1302   | BLDG. B1736 - BOWLING ALLEY  | FY90         | \$3,940,000 |
| Unknown                   | BLDG. B1664 - MILLICAN FIELD CONCESSION STORAGE                                      | FY90         | \$16,000    |
| Unknown                   | BLDG. B1663 - OFFICER POOL BATH HOUSE  | FY90         | \$71,811    |
| Unknown                   | BLDG. B1666 - TENNIS COURT PAVILION  | FY90         | \$85,250    |
| Unknown                   | BLDG. B1665 - POOL PICNIC SHELTER  | FY90         | \$39,800    |
| 83-C1726                  | BLDG. B1668 - LDX/NITRO CHEM ROOM  | FY90         | \$31,827    |
| 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<br>MILCON P-085 | PARKING LOT<br><b>DELETE REFERENCE TO MILCON P-085. THIS WAS A DATA ENTRY ERROR.</b> | FY91         | \$52,817    |
| 88-C8585<br>MILCON P-088  | BULKHEAD REPLACEMENT   | FY91<br>FY88 | \$1,131,299 |
| Unknown                   | 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    |

| Project      | Description   | Fund Year           | Value        |
|--------------|---|---------------------|--------------|
| 91C-2343     | BLDG. S991 - PROVIDE FIELD LIGHTING                               | FY93                | \$119,000    |
| MILCON P-114 | WHARF - UPGRADE ELECT. DIST. SYS. S10, S11, AND S21A              | FY93<br><b>FY91</b> | \$1,750,000  |
| SHP#2-080    | BLDG. B679 - CONVERT STORAGE AREA INTO RELIGIOUS EDUCATION CENTER | FY93                | \$128,995    |
| Unknown      | 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<br><b>FY89</b> | \$19,000,000 |
| MILCON P-116 | WHARF Y3A - CONSTRUCT GEN PURPOSE BERTHING                        | FY94<br><b>FY90</b> | \$18,600,000 |
| MILCON P-120 | WHARF Y3B - CONSTRUCT GEN PURPOSE BERTHING                        | FY94<br><b>FY92</b> | \$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. 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**

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

Table 10.2: **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           |
| C31-94          | CONSTRUCT GUARD HOUSE & FENCE FOR IMA AREA     | FY95                | \$250,000           |
| R1-93           | BLDG. B679 - PROVIDE FIRE PROTECTION           | FY95                | \$30,000            |
| R16-94          | BLDG. B692 - PROVIDE FIRE PROTECTION           | FY95                | \$40,000            |
| RC8-92          | BLDG. B667 - PROVIDE FIRE PROTECTION           | FY95                | \$30,000            |
| P-126           | BLDG. B654, GALLEY RENOVATION                  | FY95<br><b>FY94</b> | \$2,640,000         |
| MILCON<br>P-115 | BLDG. B1770, IMA                               | FY95<br><b>FY92</b> | \$39,000,000        |
| CR28-94         | BLDG. B651 - RENOVATE/REPAIR BUILDING          | FY96                | \$200,000           |
| CR29-94         | BLDG. B674 - RENOVATE/REPAIR BUILDING          | FY96                | \$200,000           |
| C32-94          | BLDG. B667 - CONVERT BUILDING                  | FY96                | \$290,000           |
| C33-94          | BLDG. B638 - EXPAND STATION E BUILDING         | FY96                | \$280,000           |
| MILCON<br>P-117 | WHARF Y-2, GENERAL PURPOSE/BERTHING WHARF, Y-2 | FY96<br><b>FY94</b> | \$26,000,000        |
| <b>P-097</b>    | <b>RECONSTRUCT PIERS S-8/9</b>                 | <b>FY96</b>         | <b>\$22,500,000</b> |
| MILCON<br>P-141 | BLDG. 1231, BEQ                                | FY96<br><b>FY94</b> | \$29,900,000        |
| RC34-94         | BLDG. B681 - RENOVATE/REPAIR BUILDING          | FY97                | \$50,000            |
| CR35-94         | BLDG. B683 - RENOVATE/REPAIR BUILDING          | FY97                | \$50,000            |
| C36-94          | BLDG. B683 - PROVIDE FIRE PROTECTION SYSTEM    | FY97                | \$20,000            |
| C37-94          | BLDG. B416 - PROVIDE FIRE PROTECTION SYSTEM    | FY97                | \$10,000            |
| C38-94          | BLDG. B417 - PROVIDE FIRE PROTECTION SYSTEM    | FY97                | \$10,000            |
| C39-94          | BLDG. 445 - PROVIDE FIRE PROTECTION SYSTEM     | FY97                | \$10,000            |

**TYCOM NOTE: MISSING AND INCORRECT DATA DISCUSSED WITH STATION ON 8 JUNE 1994 AND ENTERED IN BOLD BY TYCOM.**

10.3 List the project number, description, funding year, and value of the *BRAC related capital improvements planned* for FY 1995 through FY 1999.

Table 10.3: **Planned BRAC Capital improvements**

| Project | Description | Fund Year | Value |
|---------|-------------|-----------|-------|
| NONE    |             |           |       |

10.4 Identify by Investment Category Code and Name (e.g. 05-Training Facilities; 14-Administration) the actual investment at your activity, to include all MCON, maintenance and repair, installed equipment, and minor construction, in thousands of dollars (\$ K) over the period FY 1990 through FY 1994 for all your facilities. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 11.1-11.3 above.

Table 10.4: **Historic Investment Summary**

| IC | Description                   | FY 90 \$ AMOUNT | FY 91 \$ AMOUNT | FY 92 \$ AMOUNT | FY 93 \$ AMOUNT | FY 94 \$ AMOUNT |
|----|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 03 | WATERFRONT OPERATION FACILITY | 135             | 89              | 240             | 353             | 37              |
| 04 | OTHER OPERATION FACILITY      | 5               | 41              | 35              | 70              | 31              |
| 05 | TRAINING OPERATION FACILITY   | 207             | 100             | 268             | 197             | 328             |
| 07 | PRODUCTION                    | 409             | 196             | 333             | 930             | 1,076           |
| 08 | EQUIPMENT INSTALLATION        | 4               | 4               | 3               | 2               | 0               |
| 08 | OTHER MAINTENANCE PRODUCTION  | 206             | 21              | 74              | 144             | 50              |
| 12 | OTHER STORAGE                 | 200             | 174             | 247             | 0               | 0               |
| 13 | MEDICAL                       | 0               | 0               | 70              | 0               | 2               |
| 14 | ADMINISTRATION                | 796             | 122             | 304             | 610             | 902             |
| 15 | TROOP HOUSING/MESS            | 2,061           | 611             | 1,500           | 188             | 1,970           |

| IC  | Description                                   | FY 90 \$<br>AMOUNT | FY 91 \$<br>AMOUNT | FY 92 \$<br>AMOUNT | FY 93 \$<br>AMOUNT | FY 94 \$<br>AMOUNT |
|---|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| 03  | WATERFRONT<br>OPERATION<br>FACILITY           | 135                | 89                 | 240                | 353                | 37                 |
| 16  | OTHER<br>PERSONNEL AND<br>SUPPORT<br>SERVICES | 1,126              | 867                | 447                | 1,239              | 1,880              |
| 17  | UTILITIES                                     | 271                | 451                | 474                | 455                | 489                |
| 18  | GROUND<br>STRUCTURES                          | 358                | 704                | 154                | 20                 | 587                |
| Other (specify) MILCON<br>Projects  |   | 18,600             | 1,750              | 52,000             | 0                  | 58,540             |
| Equipment (other than Class<br>2) Minor construction/<br>Special projects |   | 1,053              | 138                | 421                | 482                | 75                 |
| Activity TOTAL  |   | 25,431             | 5,268              | 56,570             | 4,690              | 62,967             |

10.5 What is the total planned investment, in thousands of dollars (\$ K), over the period FY 1995 through FY 2001?

Total planned Investments = \$ 200,000 K

10.6 Provide a list of all other documented major facility deficiencies not addressed in 10.1-10. (e.g. major repairs) and the estimated cost to rectify each at this activity. Identify the reduction in operating costs anticipated in relation to each deficiency correction.

Table 10.6: Facility Deficiencies

| Bldg | Facility             | Deficiency  | Cost to<br>Correct<br>(\$ K) | Result of<br>Corrections |
|------|----------------------|---|------------------------------|--------------------------|
| 650  | REPAIR SHOP          | ELECTRICAL, MECHANICAL<br>AND ROOF REPAIRS              | 7                            | *                        |
| 651  | REPAIR SHOP          | ELECTRICAL, ROOF REPAIRS                                | 15                           | *                        |
| 654  | BEQ/<br>BARRACKS     | ELECTRICAL, MECHANICAL,<br>STRUCTURAL REPAIRS           | 154                          | *                        |
| 662  | LOCKWOOD<br>HALL/BOQ | ELECTRICAL, MECHANICAL,<br>STRUCTURAL & ROOF<br>REPAIRS | 253                          | *                        |
| 683  | PERISCOPE<br>SHOP    | ELECTRICAL, MECHANICAL,<br>STRUCTURAL & ROOF<br>REPAIRS | 35                           | *                        |

| Bldg  | Facility                                  | Deficiency  | Cost to Correct (\$ K) | Result of Corrections* |
|-------|---|---|------------------------|------------------------|
| 1262  | NSTCP/<br>SUBMARINE<br>TRAINING<br>CENTER | ELECTRICAL & MECHANICAL<br>REPAIRS                      | 9                      | *                      |
| 1330  | BEQ/BARRACKS                              | ELECTRICAL, MECHANICAL,<br>ROOF & STRUCTURAL<br>REPAIRS | 25                     | *                      |
| 1335  | BEQ/BARRACKS                              | ELECTRICAL, MECHANICAL<br>& STRUCTURAL REPAIRS          | 7                      | *                      |
| 1341  | REPAIR<br>DEPARTMENT                      | ELECTRICAL, MECHANICAL<br>& ROOF REPAIRS                | 113                    | *                      |
| 1366  | BOQ/ANNEX "A"                             | ELECTRICAL, MECHANICAL<br>& STRUCTURAL REPAIRS          | 80                     | *                      |
| 1367  | BEQ/BARRACKS                              | ELECTRICAL & STRUCTURAL<br>REPAIRS                      | 22                     | *                      |
| 1368  | BEQ/BARRACKS                              | ELECTRICAL, MECHANICAL,<br>ROOF & STRUCTURAL<br>REPAIRS | 61                     | *                      |
| 1497  | BEQ/BARRACK                               | ELECTRICAL, MECHANICAL<br>& STRUCTURAL REPAIRS          | 12                     | *                      |
| 1723  | HIGH RISE/BEQ<br>BARRACKS                 | REPAIR/REPLACE LEAKY<br>SOLAR PANELS                    | 50                     | *                      |
| 1729  | BOQ/ANNEX "B"                             | ELECTRICAL, MECHANICAL,<br>STRUCTURAL & ROOF<br>REPAIRS | 83                     | *                      |
| TOTAL |   |   | 926                    | *                      |

**TYCOM NOTE: ASTERISKS ENTERED IN BOLD BY TYCOM FOR CLARITY.**

\* Projects taken from current annual inspection summary. Will benefit structural integrity, safety, and/or quality of life.

## Costs

**11. Resource Employment**

11.1 Identify the total Direct Labor Man Hours (DLMHs) expended in each of the functional areas and program support areas, as applicable, at this activity. Provide the FY 1993 capability (notional normal work week of 1-8-5) and the FY 1993 capability if operating a full second shift at the activity.

Table 11.1: Functional Areas Performance Distribution

| Functional Areas                   | FY 1993 | 2nd Shift |
|------------------------------------|---------|-----------|
| Electronic Repair & Calibration    | 177,000 | 0         |
| Mechanical Calibration             | 39,000  | 0         |
| Electroplating                     | 6,000   | 0         |
| Conventional Valve and Pump Repair | 270,000 | 0         |
| Other Machining & Manufacturing    | 223,000 | 0         |
| Motor Rewind & Recondition         | 44,000  | 0         |
| Nuclear Repair                     | 291,000 | 0         |
| RADCON                             | 63,000  | 0         |
| Submarine QC & NDT                 | 4,000   | 0         |
| Other QC & NDT                     | 1,000   | 0         |
| Flex Hose Repair & Test            | 14,000  | 0         |
| Other IMA Work                     | 258,000 | 0         |
| Production Support                 | 927,000 | 0         |

FUNCTIONAL Areas

TYCOM NOTE: DIRECT LABOR MANHOURS REPORTED ABOVE FOR SUBBASE PEARL HARBOR ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR ~~SHIP CLASS~~ AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CANNOT BE BROKEN OUT BY ~~SHIP CLASS~~ AND THEREFORE ARE REPORTED AS A SEPARATE LINE ENTRY REFLECTING ALL PRODUCTION SUPPORT MANHOURS EXPENDED IN THAT FY FOR ALL ~~SHIP CLASSES~~. PRODUCTION MANHOURS PROVIDED BY SUBBASE ON 8 JUNE 1994 AND ENTERED IN BOLD BY TYCOM. DIRECT LABOR MANHOURS FOR A GIVEN FY IS THE SUM OF ALL "PRODUCTIVE MANHOURS" AND "PRODUCTION MANHOURS" EXPENDED IN THAT FY.

Function Areas

Function Areas

WP N431E  
9/2/94

**11. Resource Employment, continued**

11.2 Identify the manned, reserved, and second shift work stations at this activity for the period requested. Report in number of work stations.

Table 11.2.a: Work Stations Capability Data

|           | FY 1986 | FY 1987 | FY 1988 | FY 1989 | FY 1990 | FY 1991 | FY 1992 | FY 1993 |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Manned*   | 38      | 38      | 38      | 38      | 40      | 42      | 42      | 42      |
| Reserved  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| TOTAL     | 38      | 38      | 38      | 38      | 40      | 42      | 42      | 42      |
| 2nd shift | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |

Table 11.2.b: Work Stations Capability Data

|           | FY 1994 | FY 1995 | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Manned    | 40      | 40      | 40      | 40      | 40      | 40      | 40      | 40      |
| Reserved  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| TOTAL     | 40      | 40      | 40      | 40      | 40      | 40      | 40      | 40      |
| 2nd shift | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |

\*Number for manned work stations based on production shops - increase each year by 18 to include support areas for each year.

**Strategic Concerns****12. Location Factors**

12.1 Specify any special strategic importance or military value considerations of your activity accruing from its geographic location. Additionally, identify the number of major customer activities located within a 100 mile radius.

SUBASE Pearl is geographically the most forward submarine homeport in the Pacific, especially to Asia and the Middle East.

**TYCOM NOTE: SUBASE PEARL IS GEOGRAPHICALLY THE MOST FORWARD SUBMARINE HOMEPORT IN THE PACIFIC. THE SELF-CONTAINED INFRASTRUCTURE (I.E. NUCLEAR CAPABLE SHIPYARD, REPAIR IMA, WEAPONS IMA, TRAINING FACILITIES INCLUDING THE TRAINING RANGE AT BARKING SANDS) AND FACILITIES FOR 27 HOMEPORTED SHIPS OFFERS UNIQUE ADVANTAGES FOR FORWARD DEPLOYED UNITS. SUBASE PEARL IS COLLOCATED ON THE ISLAND OF OAHU WITH OTHER MAJOR SERVICE ACTIVITIES; I.E. CINCPACFLT, USCINCPAC, PACAF HQ, U.S. ARMY WESTERN COMMAND AND COMMANDING GENERAL FMFPAC.**

12.2 List, and indicate the distance in road-miles from your activity, all Interstate Highways, airports

of embarkation, seaports of embarkation, and cargo rail terminals serving your activity.

Distance to the nearest Interstate Highway

None on island.

Distance to the nearest Air Port of Embarkation (APOE)

Hickam AFB (HIK) - 3 miles.

Honolulu International Airport - 3 miles.

Distance to the nearest Sea Port of Embarkation (SPOE)

Pearl Harbor (XE2) 1/2 mile.

Distance to the nearest Cargo Rail Terminal

None on island.

12.3 Is your activity serviced by rail trackage providing direct access to commercial rail network? If not, identify the road-miles separating your activity from the nearest railhead access. (Yes / No)

No. None on island.

Strategic Concerns

**13. Natural Inhibitors to Operations**

13.1 Identify the percent of the planned work schedule for the facilities under your cognizance (averaged by month) that was interrupted by local weather or climatic conditions for the period FY 1990 - FY 1993 (i.e. how many man-days were lost annually, by month, because of hurricanes, tornado, earthquake, blizzard, below freezing temperatures, or other performance-impinging natural conditions?).

Table 13.1.a: Impact on Operations

|                                      | January | February | March | April | May | June |
|--------------------------------------|---------|----------|-------|-------|-----|------|
| Average %<br>Schedule<br>Interrupted | 0       | 0        | 0     | 0     | 0   | 0    |

Table 13.1.b: Impact on Operations

|                                      | July | August | September | October | November | December |
|--------------------------------------|------|--------|-----------|---------|----------|----------|
| Average %<br>Schedule<br>Interrupted | 0    | 0      | 3%*       | 0       | 0        | 0        |

The only man-days which were lost during the period FY 1990 - Fy 1993 were 3 days in September 1993 due to Hurricane Iniki. Throughout the year, the local weather has very little effect on Subase IMA work.

## Strategic Concerns

**14. Contingency and Mobilization Features**

14.1 Identify the covered and uncovered, storage and industrial space at your activity which is currently surplus to the planned need, expressed in thousands of square feet (K SF).

Table 14.1: Surplus Storage

| K SF       | Covered | Uncovered |
|------------|---------|-----------|
| Storage    | None    | None      |
| Industrial | None    | None      |

14.2 Identify any additional space in these categories programmed to be available by FY 2001.

None.

14.3 Identify the amount of the potentially available other DoD or commercial activity, aviation-industrial, space within a one-hour drive of this activity. Include any physical restrictions (e.g. road limitations) that might apply should those facilities be used for facility augmentation or in an emergency.

It is anticipated that adequate commercial space will be available since all points on Oahu are within a one-hour drive of SUBASE Pearl Harbor. High cost for commercial space is a concern. Cost-benefit analysis should be done upon need.

## Environment and Encroachment

**15. Environmental Considerations**

15.1 Identify all environmental restrictions to expansion at your activity.

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.

15.2 Describe the undeveloped acreage or waterfront that is unique to your activity. Identify any acreage that is suitable for your further industrial development.

All waterfront and acreage on SUBASE is developed.

15.3 Identify any specific facilities, programs or capabilities in regard to the handling and disposal of hazardous materials / waste at your activity.

SUBASE does not operate any HM/HW facilities.

**TYCOM NOTE: SUBASE DOES NOT OPERATE ANY RCRA PERMITTED FACILITIES. HOWEVER, SUBASE PEARL HARBOR OPERATES A 90 DAY ACCUMULATION SITE FOR THE COLLECTION OF HAZARDOUS WASTE FOR FURTHER TRANSFER TO A PERMITTED CONFORMING STORAGE FACILITY. SUBASE ALSO OPERATES A CONSOLIDATED HAZARDOUS MATERIAL AND PAINT LOCKER WHICH STORES NEW AND REUSABLE HAZARDOUS MATERIALS AND ISSUES THESE MATERIALS TO SUBASE AND SUBMARINES.**

## 16. Encroachment Considerations.

16.1 Identify any ground, industrial noise, approach channel, waterway, harbor, bridge height, turning basin, Explosive Quantity Distance Standard (ESQD), HERO, and airspace encroachments of record at your activity.

Table 16.1: Encroachments of Record

| Encroachment                           | Date Recorded | Current Status |
|--|---------------|----------------|
| Piers and wharfs have a 100 foot ESQD. | *             | *              |

\* Record and status controlled by Code 09P PACDIV  
Quality of Life

## 17. Military Housing - Family Housing

17.1 Do you have mandatory assignment to on-base housing?

Yes / No

No.

17.2 For military family housing in your locale, provide the following information:

Table 17.2: Available Military Family Housing

| Type of Quarters | Number of Bedrooms | Total number of units | Number Adequate | Number Substandard | Number Inadequate |
|------------------|--------------------|-----------------------|-----------------|--------------------|-------------------|
| Officer          | 4+                 | 203                   | 203             | none               | none              |
| Officer          | 3                  | 733                   | 733             | none               | none              |
| Officer          | 1 or 2             | 250                   | 250             | none               | none              |
| Enlisted         | 4+                 | 1445                  | 1445            | none               | none              |
| Enlisted         | 3                  | 2778                  | 2778            | none               | none              |
| Enlisted         | 1 or 2             | 2135                  | 2135            | none               | none              |
| Mobile Homes     | none               | none                  | none            | none               | none              |
| Mobile Home lots | none               | none                  | none            | none               | none              |

17.3 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories 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: 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.**

**17. Military Housing - Family Housing**

17.4 Complete the following table for the military housing waiting list. Report Number on list as of 31 March 1994.

**Table 17.4: Military Housing Waiting List**

| Pay Grade   | Number of Bedrooms | Number on List <sup>1</sup> | 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     |

**TYCOM NOTE: NO 1 AND/OR 2 BEDROOM HOUSES EXIST FOR PAY GRADES DENOTED BY "NA".**

<sup>1</sup>As of 31 March 1994

**17. Military Housing - Family Housing, continued**

17.5 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.

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 discussion in 23.5 below.

**Table 17.5: Housing Demand Factors**

| 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                              |

17.6 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.

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

**Table 17.7: Family Housing Utilization**

| Type of Quarters | Utilization Rate (%) |
|------------------|----------------------|
| Adequate         | 98.7                 |
| Substandard      | NA                   |
| Inadequate       | NA                   |

**TYCOM NOTE: NO INADEQUATE OR SUBSTANDARD QUARTERS DENOTED BY "NA".**

17.8 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% ( or vacancy over 2%), is there a reason? N/A

## Quality of Life

**18. Military Housing - Bachelor Quarters**

18.1 Provide the utilization rate for Bachelor Enlisted Quarters(BEQs) for FY 1993.

**Table 18.1: BEQ Utilization**

| Type of Quarters | Utilization Rate |
|------------------|------------------|
| Adequate         | 95%              |
| Substandard      | 81%              |
| Inadequate       | 0                |

18.2 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, not much change. We are slightly more substandard.

18.3 Calculate the Average on Board (AOB) for Geographic Bachelors (GB) as follows:

$$\text{AOB} = \frac{(\# \text{ GB}) \times (\text{average } \# \text{ of days in barracks})}{365}$$

$$\text{AOB} = 7$$

$$\text{AOB} = \underline{7}$$

18.4 Indicate in the following chart the percentage of Geographic Bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

**Table 18.4: Reasons for Geographic Separation (BEQ)**

| Reason for Separation from Family                        | Number of GB | Percent of GB | Comments  |
|--|--------------|---------------|---|
| Family Commitments (children in school, financial, etc.) | 12           | 63%           |   |
| Spouse Employment (non-military)                         | 1            | 5%            |   |
| Other  | 6            | 32%           | Cases are not considered hardship. Members are space available. |
| <b>TOTAL</b>   | <b>19</b>    | <b>100 %</b>  |   |

18.5 How many enlisted Geographic Bachelors (GB) do not live on base?

# GB Off-Base = 18

18.6 Provide the utilization rate for Bachelor Officers Quarters (BOQs) for FY 1993.

Table 18.6: BOQ Utilization

| Type of Quarters | Utilization Rate |
|------------------|------------------|
| Adequate         | 93%              |
| Substandard      | 84%              |
| Inadequate       | 0                |

18.7 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

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.

18.8 Calculate the Average on Board (AOB) for Geographic Bachelors as follows:

$$\text{AOB} = \frac{\text{\# GB} \times \text{average \# days in barracks}}{365}$$

$$\text{AOB} = \underline{2}$$

18.9 Indicate in the following chart the percentage of Geographic Bachelors by category of reasons for family separation. Provide comments as necessary.

Table 18.9: Reasons for Geographic Separation (BOQ)

| Reason for Separation from Family                        | Number of GB | Percent of GB | Comments  |
|--|--------------|---------------|---|
| Family Commitments (children in school, financial, etc.) | 3            | 60%           | <b>1 FINANCIAL</b><br><b>2 SCHOOL</b>                           |
| Spouse Employment (non-military)                         | 0            | 0             | <b>NONE</b>   |
| Other  | 2            | 40%           | Cases are not considered hardship. Members are space available. |
| <b>TOTAL</b>   | <b>5</b>     | <b>100%</b>   |   |

**TYCOM NOTE: DATA ENTRY ADDITIONS PER SUBBASE ON 8 JUN 94 AND ENTERED BY TYCOM IN BOLD.**

18.10 How many officer Geographic Bachelors do not live on base?

# GB Off-Base = 1

## Quality of Life

## 19. MWR Facilities

19.1 For on-base MWR facilities available, complete the following table for each separate location. These are spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

For off-base government-owned or leased recreation facilities, indicate their distance from your base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION: SUBASE, PEARL HARBORDISTANCE: ON BASE

| Facility                      | Unit of Measure | Total      | Profitable<br>(Y,N,N/A)                        |
|-------------------------------|-----------------|------------|--|
| Auto Hobby/<br>Vehicle Rental | Indoor Bays     | 40         | N/A  |
|                               | Outdoor Bays    | 1          | N/A  |
| Arts/Crafts                   | SF              | 4,600(N/A) | **   |
| Wood Hobby                    | SF              | N/A        | **   |
| Bowling                       | Lanes           | 20         | Y  |
| Enlisted Club                 | SF              | 23,872     | Y  |
| Officer's Club                | SF              | 1,440      | N  |
| Library                       | SF              | N/A        | ***  |
| Library                       | Books           | N/A        | ***  |
| Theater                       | Seats           | 516        | N/A (N)  |
| ITT                           | SF              | N/A        | **   |
| Museum/Memorial               | EA              | 8          | <del>Outdoor</del> N/A<br><del>Monuments</del> |
| Pool (indoor)                 | Lanes           | N/A        | **   |
| Pool (outdoor)                | Lanes           | 12         | N/A  |
| Beach                         | LF              | N/A        | **   |
| Swimming Ponds                | Each            | N/A        | **   |
| Tennis CT                     | Each            | 7          | N/A  |
|                               |                 |            |  |
|                               |                 |            |  |

W N431E  
9/2/94

- \* N/A - No charge for facility. (APPLIES TO PROFITABLE COLUMN)
- \*\* No facility on base.
- \*\*\* Library belongs to Naval Station Pearl Harbor

**TYCOM NOTE: CORRECTION TO TABLE TO REFLECT NO FACILITY ON SUBBASE OBTAINED FROM SUBBASE ON 8 JUN 94 AND ENTERED IN BOLD BY TYCOM**

**TYCOM NOTE: FACILITIES DENOTED BY "N/A" <sup>IN THE TOTAL COLUMN</sup> ARE NOT AVAILABLE ON SUBBASE PEARL HARBOR.**

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**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.**

19. MWR Facilities, continued

Table 19.1.b: MWR Facilities Summary

| Facility                   | Unit of Measure | Total      | Profitable ( Y / N / N/A ) |
|----------------------------|-----------------|------------|----------------------------|
| Volleyball court (outdoor) | Each            | 2          | N/A                        |
| Basketball court (outdoor) | Each            | 2          | N (N/A)                    |
| Racquetball court          | Each            | 6          | N/A                        |
| Golf Course                | Holes           | N/A        | N/A **                     |
| Driving Range              | Tee Boxes       | N/A        | N/A **                     |
| Gymnasium                  | SF              | 20400      | N                          |
| Fitness Center             | SF              | N/A        | N/A                        |
| Marina                     | Berths          | N/A        | N/A **                     |
| Stables                    | Stalls          | N/A        | N/A **                     |
| Softball Field             | Each            | 3          | N/A                        |
| Football Field             | Each            | 2          | N/A                        |
| Soccer Field               | Each            | N/A<br>(2) | N/A                        |
| Youth Center               | SF              | N/A        | N/A **                     |

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19.2 Is your library <sup>**\*OK NO FACILITY ON BASE.**</sup> part of a regional interlibrary loan program?

Yes / No

Yes. NOTE: Library belongs to Naval Station, Pearl Harbor.

## Quality of Life

**20. Base Family Support Facilities and Programs**

20.1 Complete the following table on the availability of child care in a child care center on your base.

Table 20.1: Child Care Availability

| Age Category | Capacity<br>(# of<br>Children) | SF       |             |            | Number on<br>Wait List | Average<br>Wait<br>(Days) |
|--------------|--------------------------------|----------|-------------|------------|------------------------|---------------------------|
|              |                                | Adequate | Substandard | Inadequate |                        |                           |
| 0-6 Months   | 0                              | ---0     | ---0        | ---0       | 39                     | 1 yr                      |
| 6-12 Months  | 16                             | 1024     | ---0        | ---0       | 19                     | 8 mos                     |
| 12-24 Months | 32                             | 810      | ---0        | ---0       | 16                     | 8 mos                     |
| 24-36 Months | 40                             | 1728     | ---0        | ---0       | 24                     | 4 mos                     |
| 3-5 Years    | 56                             | 1008     | ---0        | ---0       | 42                     | 4 mos                     |

**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 BASE REP HAS NOT REPORTED THIS FACILITY C3 OR C4.**

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

- a. Facility type/code:
- 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?

**20. Base Family Support Facilities and Programs, continued**

20.3 If you have a waiting list, describe what programs or facilities, other than those sponsored by your command, are available to accommodate those on the list.

Child Care Information and Referral (CCI&R) COMNAVBASE

20.4 How many "certified home care providers" are registered at your base? # = 147

20.5 Are there other military child care facilities within 30 minutes of the base? Yes / No (**YES**)  
State owner and capacity (e.g. 60 children, 0-5 years).

| <u>Name</u>       | <u>Owner</u> | <u>Ages</u>    | <u>Capacity</u> |
|-------------------|--------------|----------------|-----------------|
| 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              |

**TYCOM NOTE: APPROPRIATE RESPONSE ENTERED IN BOLD BY TYCOM.**

**20. Base Family Support Facilities and Programs, continued**

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

**Table 20.6: Available Services**

| Service                  | Unit of Measure | Quantity |
|--------------------------|-----------------|----------|
| Exchange                 | SF              | 0        |
| Gas Station              | SF              | 3640     |
| Auto Repair              | SF              | 2404     |
| Auto Parts Store         | SF              | 3480     |
| Commissary               | SF              | 0        |
| Mini-Mart                | SF              | 5620     |
| Package Store            | SF              | 2985     |
| 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                   | PN              | 250      |
| FSC Classroom/Auditorium | PN              | N/A      |

**21. Metropolitan Areas**

21.1 Identify proximate major metropolitan areas closest to your base (provide at least three):

Table 21.1: Proximate Metropolitan Areas

| City           | Distance (Miles) |
|----------------|------------------|
| HONOLULU       | 10               |
| KAILUA/KANEOHE | 30               |
| WAIPAHAU       | 12               |

Quality of Life

**22. VHA Rates**

22.1 Identify the Standard Rate VHA Data for Cost of Living in your area:

Table 22.1: VHA Rates

| 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             |

## Quality of Life

**23. Off-base Housing Rental and Purchase**

23.1 Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Table 23.1: **Recent Rental Rates**

| 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                         |

23.2 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.

**23. Off-base Housing Rental and Purchase, continued**

23.3 What are the median costs for homes in the area?

Table 23.3: **Regional Home Costs**

| 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  |

23.4 For calendar year 1993, from the local MLS listings, provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Table 23.4: **Housing Availability**

| Month     | Number of Bedrooms |      |      |
|-----------|--------------------|------|------|
|           | 2                  | 3    | 4+   |
| January   | NONE               | NONE | NONE |
| February  | NONE               | NONE | NONE |
| March     | NONE               | NONE | NONE |
| April     | NONE               | NONE | NONE |
| May       | NONE               | NONE | NONE |
| June      | NONE               | NONE | NONE |
| July      | NONE               | NONE | NONE |
| August    | NONE               | NONE | NONE |
| September | NONE               | NONE | NONE |
| October   | NONE               | NONE | NONE |
| November  | NONE               | NONE | NONE |
| December  | NONE               | NONE | NONE |

### 23.5 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.

## 24. Sea-Shore Opportunities

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

Table 24.1: Sea Shore Opportunities

| 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

## 25. Commuting Distances

25.1 Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Table 25.1: Commuting Distances

| Location   | % Employees | Distance (mi) | Time(min) |
|------------|-------------|---------------|-----------|
| AIEA       | *           | 4             | 15        |
| MAKAKILO   | *           | 27            | 35        |
| WAIPAHU    | *           | 12            | 25        |
| PEARL CITY | *           | 5             | 20        |
| EWA BEACH  | *           | 25            | 45        |

\*Information for % employees not available.

## Quality of Life

### 26. Regional Educational Opportunities

Complete the tables below to indicate the civilian educational opportunities available to service members stationed at your activity (to include any outlying fields) and their dependents:

26.1 List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DoDDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT or ACT 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.

NAVCAMP

Table 26.1: Educational Opportunities

| Institution                 | Type   | Grade Level(s) | Special Education Available | Annual Enrollment Cost/ Student | SAT /ACT Score | % HS to College | Source of Info |
|-----------------------------|--------|----------------|-----------------------------|---------------------------------|----------------|-----------------|----------------|
| Aiea Elementary             | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE*           |
| Aiea Intermediate           | Public | 7 & 8          | Yes                         | None                            | N/A            | N/A             | DOE            |
| Aiea High School            | Public | 9-12           | Yes                         | None                            | 828            | 75%             | DOE            |
| Aliamanu Elementary         | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Aliamanu Intermediate       | Public | 7 & 8          | Yes                         | None                            | N/A            | N/A             | DOE            |
| Hickam Elementary           | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Makalapa Elementary         | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Moanalua Elementary         | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Moanalua High School        | Public | 9-12           | Yes                         | None                            | N/A            | 75%             | DOE            |
| Moanalua Intermediate       | Public | 7 & 8          | Yes                         | None                            | N/A            | N/A             | DOE            |
| Mokulele Elementary         | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Nimitz Elementary           | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Pearl Harbor Elementary     | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Pearl Harbor Kai Elementary | Public | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Radford High School         | Public | Primary        | Yes                         | None                            | N/A            | 75%             | DOE            |

| Institution                     | Type      | Grade Level(s) | Special Education Available | Annual Enrollment Cost/ Student | SAT /ACT Score | % HS to College | Source of Info |
|---------------------------------|-----------|----------------|-----------------------------|---------------------------------|----------------|-----------------|----------------|
| Red Hill Elementary             | Public    | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Scott Elementary                | Public    | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Shafter Elementary              | Public    | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Salt Lake Elementary            | Public    | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Pearl Ridge Elementary          | Public    | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Palisades Elementary            | Public    | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Pearl City Elementary           | Public    | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Pearl City High School          | Public    | 9-12           | Yes                         | None                            | 871            | 75%             | DOE            |
| Pearl City Highlands Elementary | Public    | Primary        | Yes                         | None                            | N/A            | N/A             | DOE            |
| Calvary Christian School        | Parochial | K-8            | No                          | \$2,220-\$2,880                 | N/A            | N/A             | HAIS*<br>*     |
| Holy Family School              | Parochial | K-8            | No                          | \$520-\$550                     | N/A            | N/A             | HAIS           |
| Navy Hale Keiki School          | Private   | K-2            | No                          | \$2,350-\$3,250                 | N/A            | N/A             | HAIS           |
| Our Savior Lutheran School      | Parochial | K-8            | No                          | \$3,222                         | N/A            | N/A             | HAIS           |
| St. Timothy's Children's Center | Parochial | K              | No                          | \$495                           | N/A            | N/A             | HAIS           |
| ASSETS School                   | Private   | Ages 5-14      | Yes                         | \$8,400                         | N/A            | N/A             | HAIS           |

| Institution                 | Type      | Grade Level(s) | Special Education Available | Annual Enrollment Cost/ Student | SAT /ACT Score | % HS to College | Source of Info            |
|-----------------------------|-----------|----------------|-----------------------------|---------------------------------|----------------|-----------------|---------------------------|
| St. Elizabeth's School      | Parochial | K-8            | No                          | \$3,222                         | N/A            | N/A             | HAIS                      |
| Punahou School              | Private   | K-12           | No                          | \$6,670-7,510                   | 1150           | 99%             | HAIS & Punahou            |
| 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

**26. Regional Educational Opportunities, continued**

26.2 List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all applicable boxes.

Table 26.2: **Off-Base Educational Programs**

| Institution                          | Type Classes | Program Type      |                       |               |                |          |
|--------------------------------------|--------------|-------------------|-----------------------|---------------|----------------|----------|
|                                      |              | Adult High School | Vocational/ Technical | Undergraduate |                | Graduate |
|                                      |              |                   |                       | Courses only  | Degree Program |          |
| Chaminade University of Honolulu     | 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 Community College           | Day          | No                | Yes                   | Yes           | Yes            | Yes      |
|                                      | Night        | No                | Yes                   | Yes           | Yes            | No       |
| Kapiolani Community College          | Day          | No                | Yes                   | Yes           | Yes            | No       |
|                                      | Night        | No                | Yes                   | Yes           | Yes            | No       |
| Leeward Community College            | Day          | No                | Yes                   | Yes           | Yes            | No       |
|                                      | Night        | No                | Yes                   | Yes           | Yes            | No       |
| University of Hawaii at Manoa        | Day          | No                | No                    | Yes           | Yes            | Yes      |
|                                      | Night        | No                | No                    | Yes           | Yes            | Yes      |
| Wayland Baptist University           | Day          | No                | No                    | Yes           | Yes            | Yes      |
|                                      | Night        | No                | No                    | Yes           | Yes            | Yes      |
| Embry-Riddle Aeronautical University | Day          | No                | No                    | Yes           | Yes            | No       |
|                                      | Night        | No                | No                    | Yes           | Yes            | Yes      |

| Institution                               | Type Classes | Program Type      |                       |               |                |          |
|---|--------------|-------------------|-----------------------|---------------|----------------|----------|
|   |              | Adult High School | Vocational/ Technical | Undergraduate |                | Graduate |
|   |              |                   |                       | Courses only  | Degree Program |          |
| Central Michigan 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 Community 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 Technical Institute of Hawaii    | Day          | No                | Yes                   | No            | No             | No       |
|   | Night        | No                | Yes                   | No            | No             | No       |
| Travel Institute of the Pacific           | Day          | No                | Yes                   | No            | No             | No       |
|   | Night        | No                | Yes                   | No            | No             | No       |

**26. Regional Educational Opportunities, continued**

26.3 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 applicable boxes.

Table 26.3: **On-Base Educational Programs**

| Institution                      | Type Classes   | Program Type      |                       |               |                |          |
|----------------------------------|----------------|-------------------|-----------------------|---------------|----------------|----------|
|                                  |                | Adult High School | Vocational/ Technical | Undergraduate |                | Graduate |
|                                  |                |                   |                       | Courses only  | Degree Program |          |
| Chaminade University of Honolulu | Day            | 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       |

## Quality of Life

**27. Spousal Employment Opportunities**

27.1 Provide the following data on spousal employment opportunities.

Table 27.1: **Spouse Employment**

| Skill Level              | Number of Military Spouses Serviced 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% | ---                               |

**28. Medical / Dental Care**

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

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.

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

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.

## Quality of Life

**29. Crime Rate**

29.1 Complete the table below to indicate the crime rate for your activity for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in the NCIS Manual, dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should *include* (a) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; *and* (b) all reported criminal activity off base.

Table 29.1.a: **Local Crime Rate**

| 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       |

| Crime Definitions             | FY 1991 | FY 1992 | FY 1993 |
|-------------------------------|---------|---------|---------|
| 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       |
| 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      |

| Crime Definitions             | FY 1991 | FY 1992 | FY 1993 |
|-------------------------------|---------|---------|---------|
| Base Personnel - civilian     | 12      | 15      | 21      |
| Off Base Personnel - military | 26      | 19      | 22      |
| Off Base Personnel - civilian | 124     | 87      | 85      |
| 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     |
| 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     |

| Crime Definitions             | FY 1991 | FY 1992 | FY 1993 |
|-------------------------------|---------|---------|---------|
| 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       |
| 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       |

| Crime Definitions             | FY 1991 | FY 1992 | FY 1993 |
|-------------------------------|---------|---------|---------|
| 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     |
| 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       |

## ACTIVITY LISTING

| Type | TITLE   | Location                            |
|------|---|-------------------------------------|
| TRF  | TRIDENT Refit Facility Bangor   | Bangor WA                           |
| SIMA | Shore Intermediate Maintenance Activity, Naval Reserve Maintenance Facility Puget Sound | Everett, WA<br>[includes Bremerton] |
| SIMA | Shore Intermediate Maintenance Activity, Naval Reserve Maintenance Facility Ingleside   | Ingleside TX                        |
| TRF  | TRIDENT Refit Facility Kings Bay  | Kings Bay GA                        |
| SIMA | Shore Intermediate Maintenance Activity Little Creek                                    | Little Creek VA                     |
| SIMA | Shore Intermediate Maintenance Activity Mayport   | Mayport FL                          |
| NSSF | Naval Submarine Support Facility New London   | New London CT                       |
| SIMA | Shore Intermediate Maintenance Activity Norfolk   | Norfolk VA                          |
| SIMA | Shore Intermediate Maintenance Activity Pascagoula                                      | Pascagoula MS                       |
| SIMA | Shore Intermediate Maintenance Activity Pearl Harbor                                    | Pearl Harbor HI                     |
| SIMA | Submarine Base Pearl Harbor / Repair Department   | Pearl Harbor HI                     |
| SIMA | Shore Intermediate Maintenance Activity Portsmouth                                      | Portsmouth VA                       |
| SIMA | Shore Intermediate Maintenance Activity San Diego                                       | San Diego CA                        |

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  
Title

\_\_\_\_\_  
Date

SUBASE, Pear 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)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

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

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

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

MAJOR CLAIMANT LEVEL

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

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

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

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

BRAC-95 CERTIFICATION

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

Vernon Sato  
NAME (Please type or print)

\_\_\_\_\_  
Signature

Base Planner  
Title

\_\_\_\_\_  
Date

Code 61  
Division

Civil Engineering  
Department

SUBASE, Pearl Harbor  
Activity

BRAC-95 CERTIFICATION DATA CALL FORTY 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

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

Commander In Chief  
Title (Acting)

U. S. Pacific Fleet  
Activity

  
Signature

14 JUL 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

9/2/94  
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)

J. M. BARR, RADM, USN

NAME (Please type or print)

COMMANDER

Title

SUBMARINE FORCE, U.S. PACIFIC FLEET

Activity

JMB  
Signature  
6/9/94  
Date

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

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

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

NAME (Please type or print)

Signature

Title

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  
Title

6/8/94  
Date

SUBASE, Pear Harbor  
Activity

153

27 May 1994

Capacity  
**DATA CALL FOR MILITARY VALUE ANALYSES**  
**SHORE INTERMEDIATE MAINTENANCE ACTIVITIES /**  
**NAVAL RESERVE MAINTENANCE FACILITIES**  
**AND**  
**TRIDENT REFIT FACILITIES**

*Pg 60 is in the safe*

|          |       |                       |
|----------|-------|-----------------------|
| Category | ..... | Industrial Activities |
| Type     | ..... | SIMAs / NRMFs / TRFs  |
| Claimant | ..... | CINCLANTFLT           |
|          | ..... | CINCPACFLT            |

1. Notes: In the context of this Data Call:
  1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Use the workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the activity configuration as of completion of all BRAC-88/91/93 actions, and of ongoing operational actions (e.g., decommissioning of various Tenders, etc.). The objective is to accurately capture your entire workload.
  2. Unless otherwise specified, for questions addressing maximum workload within the Mission Area of the Data Call, base your response on an eight hour day/five day notional normal work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule.
  3. For purposes of this Data Call, Depot maintenance is regarded as the maintenance performed on material that requires major overhaul or a complete rebuild of parts, assemblies, subassemblies, and end items, including the manufacture of parts, modifications, testing, and reclamation, as required. Depot maintenance serves to support lower categories of maintenance. Depot maintenance provides stocks of serviceable equipment by using more extensive facilities for repair than are available in lower level maintenance activities. Depot or indirect maintenance functions are identified by the type of equipment maintained or repaired.
  4. For purposes of this Data Call, it is understood that data reporting workload in terms of Direct Labor Man Hours (DLMHs) reflects both Productive Labor and Productive Support Labor expended on that workload.

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

This document has been prepared in WordPerfect 5.1/5.2.

**ENCLOSURE (2)**

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

**JCSG-DM: Maintenance and Industrial Activities**

**Commodity Groups List**

- |   |   |
|---|---|
| <p>1. <b>Aircraft Airframes:</b><br/>         Rotary<br/>         VSTOL<br/>         Fixed Wing<br/>             Transport / Tanker / Bomber /<br/>             Command and Control<br/>             Light Combat<br/>             Admin / Training<br/>         Other</p>                      | <p>7. <b>Ground and Shipboard Communications<br/>         and Electronic Equipment</b><br/>         Radar<br/>         Radio Communications<br/>         Wire Communications<br/>         Electronic Warfare<br/>         Navigational Aids<br/>         Electro-Optics / Night Vision<br/>         Satellite Control / Space Sensors</p> |
| <p>2. <b>Aircraft Components</b><br/>         Dynamic Components<br/>         Aircraft Structures<br/>         Hydraulic/Pneumatic<br/>         Instruments<br/>         Landing Gear<br/>         Aviation Ordnance<br/>         Avionics/Electronics<br/>         APUs<br/>         Other</p> | <p>8. <b>Automotive / Construction Equipment</b></p>  |
| <p>3. <b>Engines (Gas Turbine)</b><br/>         Aircraft<br/>         Ship<br/>         Tank<br/>         Blades / Vanes (Type 2)</p>   | <p>9. <b>Tactical Vehicles</b><br/>         Tactical Automotive Vehicles<br/>         Components</p>  |
| <p>4. <b>Missiles and Missile Components</b><br/>         Strategic<br/>         Tactical / MLRS</p>  | <p>10. <b>Ground General Purpose Items</b><br/>         Ground Support Equipment (except aircraft)<br/>         Small Arms / Personal Weapons<br/>         Munitions / Ordnance<br/>         Ground Generators<br/>         Other</p>   |
| <p>5. <b>Amphibians</b><br/>         Vehicles<br/>         Components (less GTE)</p>  | <p>11. <b>Sea Systems</b><br/>         Ships<br/>         Weapons Systems</p>   |
| <p>6. <b>Ground Combat Vehicles</b><br/>         Self-propelled<br/>         Tanks<br/>         Towed Combat Vehicles<br/>         Components (less GTE)</p>  | <p>12. <b>Software</b><br/>         Tactical Systems<br/>         Support Equipment</p>   |
|   | <p>13. <b>Special Interest Items</b><br/>         Bearings Refurbishment<br/>         Calibration (Type I)<br/>         TMDE</p>  |
|   | <p>14. <b>Other</b></p>   |

**DATA CALL for MILITARY VALUE ANALYSES  
SHORE INTERMEDIATE MAINTENANCE ACTIVITIES  
and TRIDENT REFIT FACILITIES**

Table of Contents

**Table of Acronyms**

|         |   |
|---------|---|
| AICUZ   | Air Installation Compatible Use Zone  |
| ACE     | Acquisition Cost of Equipment   |
| CCN     | Category Code Number  |
| CHT     | Collection, Holding and Transfer  |
| CIA     | Controlled Industrial Area  |
| CPV     | Current Plant Value   |
| DLMH    | Direct Labor Man Hours  |
| ESQD    | Explosive Safety Quantity Distance  |
| FY      | Fiscal Year   |
| GMT     | General Military Training   |
| GPD     | Gallons-per-Day   |
| HERF    | Hazards from Electromagnetic Radiation, Fuel                                    |
| HERO    | Hazards from Electromagnetic Radiation, Ordnance                                |
| HERP    | Hazards from Electromagnetic Radiation, Personnel                               |
| IMA     | Intermediate Maintenance Activity   |
| IPE     | Industrial Plant Equipment  |
| JCSG-DM | Joint Cross Service Group - Depot Maintenance                                   |
| KSF     | Thousands of Square Feet  |
| KVA     | Kilo Volt-Amp   |
| MILCON  | Military Construction   |
| MLLW    | Mean Low Low Water  |
| MRP     | Maintenance of Real Property  |
| OOS     | Out of Specification  |
| PSI     | Pounds-per-square inch  |
| QC/NDT  | Quality Control / Non-Destructive Testing                                       |
| RMC     | Regional Maintenance Concept  |
| RO/RO   | Roll On/Roll Off  |
| SIMA    | Shore Intermediate Maintenance Activity / Naval Reserve<br>Maintenance Activity |
| TRF     | Trident Refit Facility  |
| UIC     | Unit Identification Code  |

Mission Area

SUBASE 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.

**TYCOM NOTE: IT IS IMPORTANT TO NOTE THAT THIS DATA CALL REFLECTS INPUT FOR UIC 00314, SUBASE PEARL HARBOR, THE PARENT COMMAND FOR THE REPAIR DEPARTMENT, UIC 68637. THEREFORE, GENERAL FACILITY DATA REQUESTED IN QUESTIONS 9 THROUGH 16 REFLECT THE SAME DATA AS SUBMITTED IN DATA CALL SIX. HOWEVER, THE DLMH DATA IN QUESTIONS 1 THROUGH 8 INCLUDES ONLY THOSE PERSONNEL ASSIGNED TO THE REPAIR DEPARTMENT.**

**1. Ship Work**

1.1 For each ship class currently homeported at or near your base and serviced by your activity, the executed and programmed workload, in both numbers of ships and in Direct Labor Man Hours, in thousands of hours (K DLMHs) expended on that class for the period requested.

**Table 1.1.a: Historic and Predicted Ship Work**

| Ship Class    | Workload (units - ships) |           |           |           |           |           |
|---------------|--------------------------|-----------|-----------|-----------|-----------|-----------|
|               | FY 1990                  | FY 1991   | FY 1992   | FY 1993   | FY 1994   | FY 1995   |
| 637           | 5                        | 5         | 7         | 7         | 8         | 6         |
| 688           | 11                       | 11        | 11        | 11        | 11        | 11        |
| 604           | 1                        | 1         | 0         | 0         | 0         | 0         |
| 594           | 0                        | 1         | 0         | 0         | 0         | 0         |
| 640           | 0                        | 0         | 0         | 1         | 1         | 1         |
| AFDM/SDV      | 2                        | 2         | 2         | 2         | 2         | 2         |
| TMR/TWR/YRR   | 5                        | 5         | 5         | 6         | 6         | 6         |
| DVB/OMB/LCM   | 4                        | 4         | 4         | 5         | 5         | 5         |
| MISCELLANEOUS | 26                       | 27        | 27        | 28        | 28        | 28        |
| <b>Total</b>  | <b>54</b>                | <b>56</b> | <b>56</b> | <b>60</b> | <b>61</b> | <b>59</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

1. Ship Work, continued

Table 1.1.b: Historic and Predicted Ship Work

| Ship Class    | Workload (units - ships) |         |         |         |         |         |
|---------------|--------------------------|---------|---------|---------|---------|---------|
|               | FY 1996                  | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 |
| 637           | 6                        | 4       | 3       | 0       | 0       | 0       |
| 688           | 15                       | 19      | 21      | 18      | 18      | 20      |
| 640           | 1                        | 1       | 1       | 0       | 0       | 0       |
| AFDM/SDV      | 2                        | 2       | 2       | 2       | 2       | 2       |
| TMR/TWR/YRR   | 6                        | 6       | 6       | 6       | 6       | 6       |
| DVB/OMB/LCM   | 5                        | 5       | 5       | 5       | 5       | 5       |
| MISCELLANEOUS | 28                       | 28      | 28      | 28      | 28      | 28      |
| Total         | 63                       | 65      | 66      | 59      | 59      | 61      |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

**TYCOM NOTE: SSN FORCE STRUCTURE FOR FY94 THROUGH FY01 REFLECTS THE REALIGNMENT OF PACFLT SSNs FROM THE CURRENT CNO APPROVED HOMEPORT PLAN TO A CADRE OF BETWEEN FOUR AND SIX SSNs IN SAN DIEGO BY THE END OF FY98 AND IS BASED ON A 50/50 SPLIT BETWEEN LANTFLT/PACFLT SSN ASSETS. ALL SCHEDULED INACTIVATIONS AND NEW COMMISSIONINGS HAVE BEEN INCLUDED. THIS PLAN HAS BEEN BRIEFED TO AND IS BEING STAFFED BY CINCPACFLT STAFF FOR PRESENTATION TO CNO FOR REVIEW AND APPROVAL. ALL FY96/97 POM ISSUES SUBMITTED BY COMSUBPAC AND ENDORSED BY CINCPACFLT REFLECT THIS REALIGNMENT. ALL TABLES IN THIS DATA CALL HAVE BEEN PREPARED USING THE FORCE LEVELS WHICH WOULD RESULT FROM THIS REALIGNMENT.**

**DATA CALL for CAPACITY ANALYSES**  
**Shore Intermediate Maintenance Activities and TRIDENT Refit Facilities**

Primary UIC: 00314

(Use this number as identification at top of every page)

SUBASE Note: Direct labor manhours at an IMA are not accounted for in the same manner as a shipyard. Direct labor manhours reported (IN THIS DATA CALL ) above for SUBASE are "Productive Support" manhours. Production support manhours cannot be broken out by ship class and therefore are reported as a separate line entry reflecting all production support manhours expended in that FY for all ship classes. Direct labor manhours for a given FY is the sum of all "Productive Manhours" and "Production Support Manhours" expended in that FY. 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%).

**1. Ship Work, continued**

Table 1.1.c: Historic and Predicted Ship Work

| Ship Class    | Workload (K DLMHs) |         |         |              |         |         |
|---------------|--------------------|---------|---------|--------------|---------|---------|
|               | FY 1990            | FY 1991 | FY 1992 | FY 1993      | FY 1994 | FY 1995 |
| 637           | 69                 | 196     | 217     | 305          | 276     | 247     |
| 688           | 256                | 604     | 525     | 458          | 456     | 535     |
| 571           | 2                  | 0       | 0       | 0            | 0       | 0       |
| 612           | 10                 | 0       | 0       | 0            | 0       | 0       |
| 640           | 0                  | 0       | 0       | 18           | 17      | 20      |
| AFDM/SDV      | 13                 | 14      | 16      | 17           | 20      | 21      |
| TMR/TWR/YRR   | 80                 | 86      | 91      | 98           | 105     | 112     |
| DVB/OMB/LCM   | 8                  | 9       | 9       | 10           | 11      | 11      |
| SUBASE IPE    | 221                | 439     | 384     | 461          | 480     | 488     |
| MISCELLANEOUS | 31                 | 33      | 34      | 35           | 37      | 38      |
| PROD SUPT     | 520                | 913     | 843     | 927          | 927     | 973     |
| Total         | 1310<br>1210       | 2294    | 2119    | 2328<br>2329 | 2329    | 2445    |

SUBASE NOTE: Data for FY 1990 is incomplete.

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

TYCOM NOTE: ADDITION ERRORS IN COLUMNS CORRECTED BY TYCOM AND ENTERED IN BOLD UNDER STATION'S INPUT. PER DISCUSSIONS WITH STATION, ERRORS WERE CAUSED BY A SPREADSHEET ALGORITHM WHICH ADDED THE COLUMNS FIRST AND THEN ROUNDED TO THE NEAREST THOUSAND. THIS ERROR IS CONSISTENT THROUGHOUT ALL TABLES REPORTED IN K DLMHs. ALL TABLE HAVE BEEN CORRECTED BY TYCOM.

## 1. Ship Work, continued

Table 1.1.d: Historic and Predicted Ship Work

| Ship Class    | Workload (K DLMHs)  |                     |                     |                     |         |                     |
|---------------|---------------------|---------------------|---------------------|---------------------|---------|---------------------|
|               | FY 1996             | FY 1997             | FY 1998             | FY 1999             | FY 2000 | FY 2001             |
| 637           | 238                 | 156                 | 138                 | 0                   | 0       | 0                   |
| 688           | 658                 | 821                 | 1027                | 864                 | 872     | 988                 |
| 640           | 18                  | 19                  | 21                  | 0                   | 0       | 0                   |
| AFDM/SDV      | 22                  | 23                  | 25                  | 27                  | 28      | 31                  |
| TMR/TWR/YRR   | 115                 | 123                 | 132                 | 141                 | 151     | 162                 |
| DVB/OMB/LCM   | 12                  | 12                  | 13                  | 14                  | 15      | 16                  |
| SUBASE IPE    | 600                 | 653                 | 757                 | 628                 | 602     | 605                 |
| MISCELLANEOUS | 29                  | 33                  | 36                  | 38                  | 41      | 44                  |
| PROD SUPT     | 1128                | 1228                | 1432                | 1141                | 1140    | 1379                |
| Total         | 2821<br><b>2820</b> | 3071<br><b>3068</b> | 3580<br><b>3581</b> | 2852<br><b>2853</b> | 2849    | 3224<br><b>3225</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

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

**1. Ship Work, continued**

1.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, maximum apprentice training, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which the capability at this activity could be expanded while still meeting schedule commitments to your customers?

Table 1.2.a: **Maximum Potential Ship Work**

| Ship Class    | Workload (units - ships) |         |         |         |         |         |         |
|---------------|--------------------------|---------|---------|---------|---------|---------|---------|
|               | FY 1995                  | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 |
| 637           | 6                        | 6       | 6       | 4       | 3       | 2       | 0       |
| 688           | 19                       | 23      | 25      | 27      | 29      | 30      | 32      |
| 640           | 1                        | 1       | 1       | 1       | 0       | 0       | 0       |
| AFDM/SDV      | 2                        | 2       | 2       | 2       | 2       | 2       | 2       |
| TMR/TWR/YRR   | 6                        | 6       | 6       | 6       | 6       | 6       | 6       |
| DVB/OMB/LCM   | 5                        | 5       | 5       | 5       | 5       | 5       | 5       |
| MISCELLANEOUS | 28                       | 28      | 28      | 28      | 28      | 28      | 28      |
| Total         | 67                       | 71      | 73      | 73      | 73      | 73      | 73      |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

SUBASE NOTE: Assumed capacity limited to homeporting only 2 submarines per maintenance berth available as the most facility limiting item.

## 1. Ship Work, continued

Table 1.2.b: Maximum Potential Ship Work

| Ship Class    | Workload (K DLMHs)  |                     |                     |         |         |         |                     |
|---------------|---------------------|---------------------|---------------------|---------|---------|---------|---------------------|
|               | FY 1995             | FY 1996             | FY 1997             | FY 1998 | FY 1999 | FY 2000 | FY 2001             |
| 637           | 254                 | 280                 | 287                 | 182     | 174     | 161     | 0                   |
| 688           | 105                 | 1306                | 1521                | 1654    | 1711    | 1853    | 2059                |
| 640           | 22                  | 23                  | 24                  | 26      | 0       | 0       | 0                   |
| AFDM/SDV      | 25                  | 27                  | 28                  | 30      | 32      | 35      | 37                  |
| TMR/TWR/YRR   | 132                 | 141                 | 151                 | 161     | 172     | 184     | 197                 |
| DVB/OMB/LCM   | 13                  | 14                  | 15                  | 16      | 17      | 18      | 20                  |
| SUBASE IPE    | 615                 | 897                 | 1007                | 1202    | 997     | 956     | 961                 |
| MISCELLANEOUS | 42                  | 36                  | 41                  | 44      | 47      | 50      | 53                  |
| PROD SUPT     | 2150                | 2723                | 3074                | 3315    | 3150    | 3257    | 3533                |
| Total         | 4301<br><b>3358</b> | 5445<br><b>5447</b> | 6147<br><b>6148</b> | 6630    | 6300    | 6514    | 6830<br><b>6860</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

**TYCOM NOTE: ADDITION ERRORS IN COLUMNS CORRECTED BY TYCOM AND ENTERED IN BOLD UNDER STATION'S INPUT.**

Mission Area

**2. Ship Work Summary**

2.1 In the tables following, bring the information from the tables in Section 1.1 and 1.2 forward and calculate ship work workload variance for FY 1995-2001.

Table 2.1.a: **PREDICTED SHIP WORK VARIANCE for FY 1995**

| Ship Class            | FY 1995                 |                    |          |
|-----------------------|-------------------------|--------------------|----------|
|                       | Workload (unit - ships) |                    |          |
|                       | Predicted Work          | Potential Workload | Variance |
| 637                   | 6                       | 6                  | 0        |
| 688                   | 11                      | 19                 | 8        |
| 640                   | 1                       | 1                  | 0        |
| AFDM/SDV              | 2                       | 2                  | 0        |
| TMR/TWR/YRR           | 6                       | 6                  | 0        |
| DVB/OMB/LCM           | 5                       | 5                  | 0        |
| MISCELLANEOUS         | 28                      | 28                 | 0        |
| <b>FY 1995 TOTAL:</b> | <b>59</b>               | <b>67</b>          | <b>8</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

## 2. Ship Work Summary, continued

## 2. Ship Type Workload Summary, continued

Table 2.1.b: PREDICTED SHIP WORK VARIANCE for FY 1996

| Ship Class     | FY 1996                  |                    |          |
|----------------|--------------------------|--------------------|----------|
|                | Workload (units - ships) |                    |          |
|                | Predicted Work           | Potential Workload | Variance |
| 637            | 6                        | 6                  | 0        |
| 688            | 15                       | 23                 | 8        |
| 640            | 1                        | 1                  | 0        |
| AFDM/SDV       | 2                        | 2                  | 0        |
| TMR/TWR/YRR    | 6                        | 6                  | 0        |
| DVB/OMB/LCM    | 5                        | 5                  | 0        |
| MISCELLANEOUS  | 28                       | 28                 | 0        |
| FY 1996 TOTAL: | 63                       | 71                 | 8        |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

## 2. Ship Work Summary, continued

Table 2.1.c: PREDICTED SHIP WORK VARIANCE for FY 1997

| Ship Class            | FY 1997                  |                    |          |
|-----------------------|--------------------------|--------------------|----------|
|                       | Workload (units - ships) |                    |          |
|                       | Predicted Work           | Potential Workload | Variance |
| 637                   | 4                        | 6                  | 2        |
| 688                   | 19                       | 25                 | 6        |
| 640                   | 1                        | 1                  | 0        |
| AFDM/SDV              | 2                        | 2                  | 0        |
| TMR/TWR/YRR           | 6                        | 6                  | 0        |
| DVB/OMB/LCM           | 5                        | 5                  | 0        |
| MISCELLANEOUS         | 28                       | 28                 | 0        |
| <b>FY 1997 TOTAL:</b> | <b>65</b>                | <b>73</b>          | <b>8</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

## 2. Ship Work Summary, continued

Table 2.1.d: PREDICTED SHIP WORK VARIANCE of SIMAs/TRFs for FY 1998

| Ship Class     | FY 1998                  |                    |          |
|----------------|--------------------------|--------------------|----------|
|                | Workload (units - ships) |                    |          |
|                | Predicted Work           | Potential Workload | Variance |
| 637            | 3                        | 4                  | 1        |
| 688            | 21                       | 27                 | 6        |
| 640            | 1                        | 1                  | 0        |
| AFDM/SDV       | 2                        | 2                  | 0        |
| TMR/TWR/YRR    | 6                        | 6                  | 0        |
| DVB/OMB/LCM    | 5                        | 5                  | 0        |
| MISCELLANEOUS  | 28                       | 28                 | 0        |
| FY 1998 TOTAL: | 66                       | 73                 | 7        |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

## 2. Ship Work Summary, continued

Table 2.1.e: PREDICTED SHIP WORK VARIANCE for *FY 1999*

| Ship Class            | Workload (units - ships) |                    |           |
|-----------------------|--------------------------|--------------------|-----------|
|                       | Predicted Work           | Potential Workload | Variance  |
| 637                   | 0                        | 3                  | 3         |
| 688                   | 18                       | 29                 | 11        |
| AFDM/SDV              | 2                        | 2                  | 0         |
| TMR/TWR/YRR           | 6                        | 6                  | 0         |
| DVB/OMB/LCM           | 5                        | 5                  | 0         |
| MISCELLANEOUS         | 28                       | 28                 | 0         |
| <b>FY 1999 TOTAL:</b> | <b>59</b>                | <b>73</b>          | <b>14</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

## 2. Ship Work Summary, continued

Table 2.1.f: PREDICTED SHIP WORK VARIANCE for FY 2000

| Ship Class            | FY 2000 | Workload (units - ships) |                    |           |
|-----------------------|---------|--------------------------|--------------------|-----------|
|                       |         | Predicted Work           | Potential Workload | Variance  |
| 637                   |         | 0                        | 2                  | 2         |
| 688                   |         | 18                       | 30                 | 12        |
| AFDM/SDV              |         | 2                        | 2                  | 0         |
| TMR/TWR/YRR           |         | 6                        | 6                  | 0         |
| DVB/OMB/LCM           |         | 5                        | 5                  | 0         |
| MISCELLANEOUS         |         | 28                       | 28                 | 0         |
| <b>FY 2000 TOTAL:</b> |         | <b>59</b>                | <b>73</b>          | <b>14</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

## 2. Ship Work Summary, continued

Table 2.1.g: PREDICTED SHIP WORK VARIANCE for FY 2001

| Ship Class    | FY 2001        | Workload (units - ships) |                    |          |
|---------------|----------------|--------------------------|--------------------|----------|
|               |                | Predicted Work           | Potential Workload | Variance |
| 688           |                | 20                       | 32                 | 12       |
| AFDM/SDV      |                | 2                        | 2                  | 0        |
| TMR/TWR/YRR   |                | 6                        | 6                  | 0        |
| DVB/OMB/LCM   |                | 5                        | 5                  | 0        |
| MISCELLANEOUS |                | 28                       | 28                 | 0        |
|               | FY 2001 TOTAL: | 61                       | 73                 | 12       |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

## 2. Ship Type Workload Summary, continued

Table 2.1.h: PREDICTED SHIP WORK VARIANCE of SIMAs/TRFs for FY 1995

| Ship Class     | FY 1995          |                    |                    |
|----------------|------------------|--------------------|--------------------|
|                | Workload (DLMHs) |                    |                    |
|                | Predicted Work   | Potential Workload | Variance           |
| 637            | 246500           | 254300             | 7800               |
| 688            | 535300           | 1047600            | 512300             |
| 640            | 19800            | 22000              | 2200               |
| AFDM/SDV       | 21100            | 24800              | 3800<br>3700       |
| TMR/TWR/YRR    | 111600           | 131600             | 20000              |
| DVB/OMB/LCM    | 11200            | 13200              | 2000               |
| SUBASE IPE     | 487500           | 615000             | 127500             |
| MISCELLANEOUS  | 38400            | 42100              | 3700               |
| PROD SUPT      | 973300           | 2142100            | 1168700<br>1168800 |
| FY 1995 TOTAL: | 2444700          | 4292600<br>4292700 | 1847900<br>1848000 |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

**TYCOM NOTE: ADDITION ERRORS IN COLUMNS/ROWS CORRECTED BY TYCOM AND ENTERED IN BOLD UNDER STATION'S INPUT.**

## 2. Ship Work Summary, continued

Table 2.1.i: PREDICTED SHIP WORK VARIANCE for FY 1996

| Ship Class     | FY 1996          |                           |                           |
|----------------|------------------|---------------------------|---------------------------|
|                | Workload (DLMHs) |                           |                           |
|                | Predicted Work   | Potential Workload        | Variance                  |
| 637            | 238000           | 280200                    | 42200                     |
| 688            | 657900           | 1305500                   | 647600                    |
| 640            | 18400            | 22800                     | 4500<br><b>4400</b>       |
| AFDM/SDV       | 21700            | 26500                     | 4800                      |
| TMR/TWR/YRR    | 115300           | 140800                    | 25500                     |
| DVB/OMB/LCM    | 1600             | 14100                     | 12600<br><b>12500</b>     |
| SUBASE IPE     | 600000           | 896600                    | 296600                    |
| MISCELLANEOUS  | 29500            | 36000                     | 6500                      |
| PROD SUPT      | 1128300          | 2722700                   | 1594400                   |
| FY 1996 TOTAL: | 2810700          | 5445300<br><b>5445200</b> | 2634700<br><b>2634500</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

**TYCOM NOTE: ADDITION ERRORS IN COLUMNS/ROWS CORRECTED BY TYCOM AND ENTERED IN BOLD UNDER STATION'S INPUT.**

## 2. Ship Work Summary, continued

Table 2.1.j: PREDICTED SHIP WORK VARIANCE for FY 1997

| Ship Class     | FY 1997            |                    |                    |
|----------------|--------------------|--------------------|--------------------|
|                | Workload (DLMHs)   |                    |                    |
|                | Predicted Work     | Potential Workload | Variance           |
| 637            | 156400             | 287100             | 130800<br>130700   |
| 688            | 821100             | 1520500            | 699400             |
| 640            | 19200              | 24000              | 4800               |
| AFDM/SDV       | 23300              | 28400              | 5100               |
| TMR/TWR/YRR    | 123400             | 150700             | 27300              |
| DVB/OMB/LCM    | 12300              | 15100              | 2700<br>2800       |
| SUBASE IPE     | 623400<br>653400   | 1007200            | 383700<br>353800   |
| MISCELLANEOUS  | 33300              | 40600              | 7400<br>7300       |
| PROD SUPT      | 1228400            | 3073700            | 1845400<br>1845300 |
| FY 1997 TOTAL: | 3040900<br>3070800 | 6147500<br>6147300 | 3106600<br>3076500 |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

**TYCOM NOTE: ADDITION ERRORS IN COLUMNS/ROWS CORRECTED BY TYCOM AND ENTERED IN BOLD UNDER STATION'S INPUT. SUBASE IPE PREDICTED WORK CORRECTED TO MATCH TABLE 1.1.d AND CONFIRMED WITH STATION ON 26 MAY 94.**

## 2. Ship Work Summary, continued

Table 2.1.k: PREDICTED SHIP WORK VARIANCE for FY 1998

| Ship Class     | FY 1998          |                    |          |
|----------------|------------------|--------------------|----------|
|                | Workload (DLMHs) |                    |          |
|                | Predicted Work   | Potential Workload | Variance |
| 637            | 137700           | 181600             | 43900    |
| 688            | 1026800          | 1653700            | 626900   |
| 640            | 20900            | 26300              | 5400     |
| AFDM/SDV       | 24800            | 30300              | 5500     |
| TMR/TWR/YRR    | 132100           | 161300             | 29200    |
| DVB/OMB/LCM    | 13200            | 16100              | 2900     |
| SUBASE IPE     | 756900           | 1202200            | 445300   |
| MISCELLANEOUS  | 35700            | 43600              | 7900     |
| PROD SUPT      | 1432100          | 3315100            | 1883000  |
| FY 1998 TOTAL: | 3580200          | 6630200            | 3050000  |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

## 2. Ship Work Summary, continued

Table 2.1.1: PREDICTED SHIP WORK VARIANCE for FY 1999

| Ship Class     | Workload (DLMHs)          |                    |                           |
|----------------|---------------------------|--------------------|---------------------------|
|                | Predicted Work            | Potential Workload | Variance                  |
| 637            | 0                         | 173800             | 173800                    |
| 688            | 863600                    | 1710800            | 847200                    |
| AFDM/SDV       | 26600                     | 32400              | 5900<br><b>5800</b>       |
| TMR/TWR/YRR    | 141200                    | 172400             | 31200                     |
| DVB/OMB/LCM    | 14100                     | 17300              | 3100<br><b>3200</b>       |
| SUBASE IPE     | 627600                    | 996800             | 367200<br><b>369200</b>   |
| MISCELLANEOUS  | 38300                     | 46700              | 8500<br><b>8400</b>       |
| PROD SUPT      | 1141000                   | 3150200            | 2009300<br><b>2009200</b> |
| FY 1999 TOTAL: | 2852300<br><b>2852400</b> | 6300400            | 3448100<br><b>3448000</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

**TYCOM NOTE: ADDITION ERRORS IN COLUMNS/ROWS CORRECTED BY TYCOM AND ENTERED IN BOLD BELOW STATION INPUT.**

## 2. Ship Work Summary, continued

Table 2.1.m: PREDICTED SHIP WORK VARIANCE for FY 2000

| Ship Class     | FY 2000                   |                           |                           |
|----------------|---------------------------|---------------------------|---------------------------|
|                | Workload (DLMHs)          |                           |                           |
|                | Predicted Work            | Potential Workload        | Variance                  |
| 637            | 0                         | 160900                    | 160900                    |
| 688            | 872100                    | 1852600                   | 980500                    |
| AFDM/SDV       | 28400                     | 34700                     | 6300                      |
| TMR/TWR/YRR    | 151000                    | 184400                    | 33400                     |
| DVB/OMB/LCM    | 15100                     | 18500                     | 3300<br><b>3400</b>       |
| SUBASE IPE     | 601700                    | 955700                    | 354000                    |
| MISCELLANEOUS  | 40900                     | 49900                     | 9000                      |
| PROD SUPT      | 1139600                   | 3256800                   | 2117200                   |
| FY 2000 TOTAL: | 2848900<br><b>2848800</b> | 6503500<br><b>6513500</b> | 5664600<br><b>3664700</b> |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

**TYCOM NOTE: ADDITION ERRORS IN COLUMNS/ROWS CORRECTED BY TYCOM AND ENTERED IN BOLD BELOW STATION INPUT.**

## 2. Ship Type Workload Summary, continued

Table 2.1.n: PREDICTED SHIP WORK VARIANCE for FY 2001

| Ship Class     | FY 2001                   |                           |                     |
|----------------|---------------------------|---------------------------|---------------------|
|                | Workload (DLMHs)          |                           |                     |
|                | Predicted Work            | Potential Workload        | Variance            |
| 688            | 987700                    | 1484200<br><b>2059000</b> | 496500              |
| AFDM/SDV       | 30500                     | 37300                     | 6700<br><b>6800</b> |
| TMR/TWR/YRR    | 161600                    | 197300                    | 35700               |
| DVB/OMB/LCM    | 16200                     | 19700                     | 3600<br><b>3500</b> |
| SUBASE IPE     | 605200                    | 961200                    | 356000              |
| MISCELLANEOUS  | 43800                     | 53500                     | 9700                |
| PROD SUPT      | 1379400                   | 3533100                   | 2153700             |
| FY 2001 TOTAL: | 3224300<br><b>3224400</b> | 6286300<br><b>6861100</b> | 3061900             |

\* MISCELLANEOUS consists of the following: EASTPAC, ARS 39, ARS 42, ASR 9, MALS 24, DD 990, DD 992, DSV 4, CG 65, EOD MU-1, NSTCPAC, VEH DET, NAS, SMMS, WEP IMA, MSC TAGO, CSS 7, FF 1073, MIDPAC, EOD 1, CSS 1, MDSU 1, SUBPAC, FTG FORD, PE 40, NAVSTA, SIMA PH

**TYCOM NOTE: ADDITION ERROR IN ROWS/COLUMNS CORRECTED BY TYCOM AND ENTERED IN BOLD BELOW STATION INPUT. ERROR IN 688 CLASS POTENTIAL WORKLOAD CORRECTED TO MATCH TABLE 1.2.b AND CONFIRMED WITH STATION ON 26 MAY 94.**

Mission Area

**3. Depot Level Maintenance**

3.1 Provide the historic and projected depot level work in Direct Labor Man Hours (DLMHs) performed by this activity. Break out the workload using the Commodity Groups identified in the Notes at the beginning of this Data Call. Identify other applicable workload if necessary.

Table 3.1.a: Depot Level Workload

| Commodity Group | Workload (DLMHs) |         |         |         |         |         |
|-----------------|------------------|---------|---------|---------|---------|---------|
|                 | FY 1990          | FY 1991 | FY 1992 | FY 1993 | FY 1994 | FY 1995 |
| NONE            |                  |         |         |         |         |         |
| Total           |                  |         |         |         |         |         |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

## 3. Depot Level Maintenance, continued

Table 3.1.b: Depot Level Workload

| Commodity Group | Workload (DLMHs) |         |         |         |         |         |
|-----------------|------------------|---------|---------|---------|---------|---------|
|                 | FY 1996          | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 |
| NONE            |                  |         |         |         |         |         |
| Total           |                  |         |         |         |         |         |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

**3. Depot Level Maintenance, continued**

3.2 List and describe the depot level repairs performed at your activity.

NONE

3.3 Describe plant facility and/or equipment upgrades being executed or approved for implementation, through FY 2001, which will provide your activity additional or enhanced depot maintenance capabilities.

NONE

3.4 Assuming (a) the current projected total depot workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, maximum apprentice training, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which the capability at this activity to do depot level maintenance could be expanded while still meeting schedule commitments to your customers, measured in DLMHs per Commodity Group?

**Table 3.4: Maximum Potential Depot Workload**

| Commodity Group | Workload (K DLMHs) |         |         |         |         |         |         |
|-----------------|--------------------|---------|---------|---------|---------|---------|---------|
|                 | FY 1995            | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 |
| NONE            |                    |         |         |         |         |         |         |
| Total           |                    |         |         |         |         |         |         |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

Mission Area

**4. Depot Work Summary**

In the tables following, bring the information from the tables in Section 3.1 and 3.4 forward and calculate depot level workload variance for FY 1995-2001, by Commodity Group, in thousands of Direct Labor Man Hours (K DLMHs).

The total values for Maximum Potential Workload shown in Tables may not always transcribe directly to the Potential Workload column on the seven Predicted Workload Variance Tables that follow. Provide responses in an absolute number of DLMHs that could be applied, without a significant increase in overhead cost/rates, assuming that you also have to (a) execute the projected workload and (b) meet your cost and schedule commitments to your customer.

Appropriately tabulated, the Potential Workload column should reflect the total potential workload for your activity with no remaining surplus capability for either emergency repair of battle damage, or depot repairs of other emergent damage.

Table 4.1.a: **PREDICTED DEPOT WORK VARIANCE for FY 1995**

| <i>FY 1995</i><br>Commodity Group | Workload (DLMHs) |                    |          |
|-----------------------------------|------------------|--------------------|----------|
|                                   | Predicted Work   | Potential Workload | Variance |
| NONE                              |                  |                    |          |
| FY 1995 TOTAL:                    |                  |                    |          |

**TYCOM NOTE: SUBBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

## 4. Depot Work Summary, continued

Table 4.1.b: PREDICTED DEPOT WORK VARIANCE for *FY 1996*

| <i>FY 1996</i><br>Commodity Group | Workload (DLMHs) |                    |          |
|-----------------------------------|------------------|--------------------|----------|
|                                   | Predicted Work   | Potential Workload | Variance |
| NONE                              |                  |                    |          |
| FY 1996 TOTAL:                    |                  |                    |          |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

## 4. Depot Work Summary, continued

Table 4.1.c: PREDICTED DEPOT WORK VARIANCE for *FY 1997*

| <i>FY 1997</i><br>Commodity Group | Workload (DLMHs) |                    |          |
|-----------------------------------|------------------|--------------------|----------|
|                                   | Predicted Work   | Potential Workload | Variance |
| NONE                              |                  |                    |          |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

## 4. Depot Work Summary, continued

Table 4.1.d: PREDICTED DEPOT WORK VARIANCE for *FY 1998*

| <i>FY 1998</i><br>Commodity Group | Workload (DLMHs) |                    |          |
|-----------------------------------|------------------|--------------------|----------|
|                                   | Predicted Work   | Potential Workload | Variance |
| NONE                              |                  |                    |          |
| FY 1998 TOTAL:                    |                  |                    |          |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

## 4. Depot Work Summary, continued

Table 4.1.e: PREDICTED DEPOT WORK VARIANCE for *FY 1999*

| <i>FY 1999</i><br>Commodity Group | Workload (DLMHs) |                    |          |
|-----------------------------------|------------------|--------------------|----------|
|                                   | Predicted Work   | Potential Workload | Variance |
| NONE                              |                  |                    |          |
| FY 1999 TOTAL:                    |                  |                    |          |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

## 4. Depot Work Summary, continued

Table 4.1.f: PREDICTED DEPOT WORK VARIANCE for *FY 2000*

| <i>FY 2000</i><br>Commodity Group | Workload (DLMHs) |                    |          |
|-----------------------------------|------------------|--------------------|----------|
|                                   | Predicted Work   | Potential Workload | Variance |
| NONE                              |                  |                    |          |
| FY 2000 TOTAL:                    |                  |                    |          |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

**4. Depot Work Summary, continued**Table 4.1.g: **PREDICTED DEPOT WORK VARIANCE for FY 2001**

| <i>FY 2001</i><br>Commodity Group | Workload (DLMHs) |                    |          |
|-----------------------------------|------------------|--------------------|----------|
|                                   | Predicted Work   | Potential Workload | Variance |
| NONE                              |                  |                    |          |
| FY 2001 TOTAL:                    |                  |                    |          |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT PERFORM ANY DEPOT LEVEL MAINTENANCE. THEREFORE, ALL QUESTIONS IN SECTION 3, DEPOT LEVEL MAINTENANCE, AND IN SECTION 4, DEPOT WORK SUMMARY, ARE ANSWERED "NONE" OR "N/A".**

## 5. Functional Workload

5.1 Breakout the total workload performed, measured in thousands of Direct Labor Man Hours (K DLMHs) into the following functional categories for the period requested.

Table 5.1.a: **Historic and Predicted Functional Workload**

| Functional Area                    | Workload (K DLMHs) |         |              |              |              |              |
|------------------------------------|--------------------|---------|--------------|--------------|--------------|--------------|
|                                    | FY 1990            | FY 1991 | FY 1992      | FY 1993      | FY 1994      | FY 1995      |
| Electronic Repair & Calibration    | 85                 | 270     | 195          | 177          | 176          | 189          |
| Mechanical Calibration             | 39                 | 64      | 40           | 39           | 39           | 42           |
| Electroplating                     | 0                  | 0       | 0            | 6            | 0            | 0            |
| Conventional Valve and Pump Repair | 173                | 318     | 246          | 270          | 267          | 283          |
| Other Machining & Manufacturing    | 176                | 281     | 182          | 223          | 222          | 235          |
| Motor Rewind & Recondition         | 41                 | 68      | 51           | 44           | 44           | 45           |
| Nuclear Repair                     | 8                  | 17      | 242          | 291          | 286          | 300          |
| RADCON                             | 28                 | 85      | 64           | 63           | 63           | 66           |
| Submarine QC & NDT                 | 3                  | 4       | 4            | 4            | 3            | 4            |
| Other QC&NDT                       | 3                  | 5       | 3            | 1            | 1            | 1            |
| Flex Hose Repair & Test            | 10                 | 18      | 15           | 14           | 13           | 14           |
| Other IMA Work                     | 221                | 246     | 215          | 258          | 269          | 273          |
| <b>Total</b>                       | 782<br>787         | 1376    | 1256<br>1257 | 1382<br>1390 | 1382<br>1383 | 1450<br>1452 |

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

## 5. Functional Workload, continued

Table 5.1.b: Historic and Predicted Functional Workload

| Functional Area                    | Workload (K DLMHs) |              |              |         |         |         |
|------------------------------------|--------------------|--------------|--------------|---------|---------|---------|
|                                    | FY 1996            | FY 1997      | FY 1998      | FY 1999 | FY 2000 | FY 2001 |
| Electronic Repair & Calibration    | 172                | 185          | 213          | 186     | 185     | 190     |
| Mechanical Calibration             | 39                 | 42           | 48           | 46      | 47      | 50      |
| Electroplating                     | 0                  | 0            | 0            | 0       | 0       | 0       |
| Conventional Valve and pump repair | 259                | 282          | 321          | 279     | 275     | 278     |
| Other Machining & Manufacturing    | 215                | 235          | 269          | 232     | 228     | 232     |
| Motor Rewind & Recondition         | 41                 | 44           | 49           | 43      | 42      | 43      |
| Nuclear Repair                     | 307                | 337          | 387          | 320     | 307     | 310     |
| RADCON                             | 67                 | 73           | 85           | 70      | 67      | 59      |
| Submarine QC & NDT                 | 4                  | 4            | 5            | 4       | 4       | 4       |
| Other QC&NDT                       | 1                  | 1            | 1            | 1       | 1       | 1       |
| Flex Hose Repair & Test            | 13                 | 13           | 16           | 14      | 13      | 14      |
| Other IMA Work                     | 523                | 570          | 660          | 547     | 525     | 528     |
| <b>Total</b>                       | 1641               | 1783<br>1786 | 2053<br>2054 | 1742    | 1694    | 1709    |

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

## 5. Functional Workload, continued

5.2 Assuming (a) the current projected total depot workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, maximum apprentice training, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which the capability at this SIMA/TRF to do depot level maintenance could be expanded while still meeting schedule commitments to your customers, measured in DLMHs per Commodity Group?

Table 5.2: Maximum Potential Functional Workload

| Functional Area                    | Workload (K DLMHs)  |         |         |                     |                     |         |                     |
|------------------------------------|---------------------|---------|---------|---------------------|---------------------|---------|---------------------|
|                                    | FY 1995             | FY 1996 | FY 1997 | FY 1998             | FY 1999             | FY 2000 | FY 2001             |
| Electronic Repair & Calibration    | 205                 | 238     | 265     | 279                 | 278                 | 296     | 319                 |
| Mechanical Calibration             | 46                  | 53      | 60      | 63                  | 69                  | 75      | 83                  |
| Electroplating                     | 0                   | 0       | 0       | 0                   | 0                   | 0       | 0                   |
| Conventional Valve and Pump Repair | 307                 | 359     | 402     | 422                 | 417                 | 440     | 467                 |
| Other Machining & Manufacturing    | 253                 | 299     | 336     | 353                 | 348                 | 364     | 390                 |
| Motor Rewind & Recondition         | 48                  | 57      | 63      | 65                  | 64                  | 67      | 72                  |
| Nuclear Repair                     | 589                 | 577     | 647     | 690                 | 651                 | 666     | 706                 |
| RADCON                             | 129                 | 126     | 142     | 151                 | 143                 | 146     | 135                 |
| Submarine QC & NDT                 | 7                   | 7       | 8       | 8                   | 8                   | 8       | 8                   |
| Other QC & NDT                     | 2                   | 2       | 2       | 2                   | 2                   | 2       | 2                   |
| Flex Hose Repair & Test            | 15                  | 18      | 19      | 21                  | 21                  | 23      | 23                  |
| Other IMA Work                     | 536                 | 984     | 1105    | 1176                | 1113                | 1140    | 1205                |
| Total                              | 2136<br><b>2137</b> | 2720    | 3049    | 3229<br><b>3230</b> | 3112<br><b>3114</b> | 3227    | 3412<br><b>3410</b> |

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

**6. Functional Work Summary**

In the Tables following, bring the information from the tables in Section 5.1 and 5.2 forward and calculate functional workload variance for FY 1995-2001, by functional area, in thousands of Direct Labor Man Hours (K DLMHs).

The total values for Maximum Potential Workload shown in Tables may not always transcribe directly to the Potential Workload column on the seven Predicted Workload Variance Tables that follow. Provide responses in an absolute number of DLMHs that could be applied, without a significant increase in overhead cost/rates, assuming that you also have to (a) execute the projected workload and (b) meet your cost and schedule commitments to your customer.

Appropriately tabulated, the Potential Workload column should reflect the total potential workload for your activity with no remaining surplus capability for either emergency repair of battle damage, or depot repairs of other emergent damage.

Table 6.1.a: **PREDICTED FUNCTIONAL WORK VARIANCE for FY 1995**

| <i>Functional Area</i>             | <i>Workload (DLMHs)</i> |                           |                       |
|------------------------------------|-------------------------|---------------------------|-----------------------|
|                                    | <i>Predicted Work</i>   | <i>Potential Workload</i> | <i>Variance</i>       |
| Electronic Repair & Calibration    | 188700                  | 204800                    | 16100                 |
| Mechanical Calibration             | 41700                   | 46100                     | 4400                  |
| Electroplating                     | 0                       | 0                         | 0                     |
| Conventional Valve and pump repair | 283300                  | 306500                    | 23300<br><b>23200</b> |
| Other Machining & Manufacturing    | 234800                  | 253000                    | 18100<br><b>18200</b> |
| Motor Rewind & Recondition         | 44800                   | 48100                     | 3400<br><b>3300</b>   |
| Nuclear Repair                     | 300000                  | 589000                    | 289000                |
| RADCON                             | 65700                   | 129100                    | 63300<br><b>63400</b> |
| Submarine QC & NDT                 | 3600                    | 7100                      | 3500                  |
| Other QC & NDT                     | 800                     | 1500                      | 800<br><b>700</b>     |
| Flex Hose Repair & Test            | 13700                   | 14700                     | 1000                  |
| Other IMA Work                     | 273000                  | 536000                    | 263000                |
| <b>FY 1995 TOTAL:</b>              | <b>1450100</b>          | <b>2135900</b>            | <b>685800</b>         |

**TYCOM NOTE: ADDITION ERRORS IN ROWS CORRECTED BY TYCOM AND ENTERED IN BOLD BELOW STATION INPUT.**

## 6. Functional Work Summary, continued

Table 6.1.b: PREDICTED FUNCTIONAL WORK VARIANCE for FY 1996

| <i>Functional Area</i>             | <i>FY 1996</i>   |                           |                          |
|------------------------------------|------------------|---------------------------|--------------------------|
|                                    | Workload (DLMHs) |                           |                          |
|                                    | Predicted Work   | Potential Workload        | Variance                 |
| Electronic Repair & Calibration    | 172100           | 238400                    | 66300                    |
| Mechanical Calibration             | 38700            | 46100<br><b>53400</b>     | 7400<br><b>14700</b>     |
| Electroplating                     | 0                | 0                         | 0                        |
| Conventional Valve and pump repair | 259400           | 306500<br><b>359300</b>   | 47100<br><b>99900</b>    |
| Other Machining & Manufacturing    | 215300           | 253000<br><b>298500</b>   | 37600<br><b>83200</b>    |
| Motor Rewind & Recondition         | 40800            | 48100<br><b>56500</b>     | 7400<br><b>15700</b>     |
| Nuclear Repair                     | 306900           | 589000<br><b>576900</b>   | 282100<br><b>270000</b>  |
| RADCON                             | 67200            | 129100<br><b>126200</b>   | 61900<br><b>59000</b>    |
| Submarine QC & NDT                 | 3700             | 7100<br><b>6900</b>       | 3400<br><b>3200</b>      |
| Other QC & NDT                     | 800              | 1500                      | 700                      |
| Flex Hose Repair & Test            | 12900            | 14700<br><b>17800</b>     | 1900<br><b>4900</b>      |
| Other IMA Work                     | 523300           | 536000<br><b>983800</b>   | 12700<br><b>460500</b>   |
| FY 1996 TOTAL:                     | 1641100          | 2169500<br><b>2719200</b> | 528400<br><b>1078100</b> |

TYCOM NOTE: FY95 DATA ENTERED IN POTENTIAL WORKLOAD COLUMN FOR FY96. CORRECT DATA OBTAINED FROM STATION ON 26 MAY 94 AND ENTERED BY TYCOM IN BOLD.

## 6. Functional Work Summary, continued

Table 6.1.c: PREDICTED FUNCTIONAL WORK VARIANCE for FY 1997

| <i>Functional Area</i>             | <i>FY 1997</i>                   |                                  |                                  |
|------------------------------------|----------------------------------|----------------------------------|----------------------------------|
|                                    | Workload (DLMHs)                 |                                  |                                  |
|                                    | Predicted Work                   | Potential Workload               | Variance                         |
| Electronic Repair & Calibration    | 185300                           | 264500                           | 79200                            |
| Mechanical Calibration             | 42200                            | 60000                            | 17800                            |
| Electroplating                     | 0                                | 0                                | 0                                |
| Conventional Valve and pump repair | 281600                           | 402200                           | 120600                           |
| Other Machining & Manufacturing    | 235300                           | 336300                           | 101000                           |
| Motor Rewind & Recondition         | 44400                            | 63400                            | 19100<br><b>19000</b>            |
| Nuclear Repair                     | 333600                           | 646900                           | 313300                           |
| RADCON                             | 73100                            | 141700                           | 68600                            |
| Submarine QC & NDT                 | 4000                             | 7800                             | 3800                             |
| Other QC & NDT                     | 900                              | 1700                             | 800                              |
| Flex Hose Repair & Test            | 13300                            | 19100                            | 5700<br><b>5800</b>              |
| Other IMA Work                     | 569900                           | 1105100                          | 535200                           |
| <b>FY 1997 TOTAL:</b>              | <b>1783500</b><br><b>1783600</b> | <b>3048600</b><br><b>3048700</b> | <b>1265200</b><br><b>1265100</b> |

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



## 6. Functional Work Summary, continued

Table 6.1.e: PREDICTED FUNCTIONAL WORK VARIANCE for FY 1999

| <i>Functional Area</i>             | <i>FY 1999</i>                   |                    |          |
|------------------------------------|----------------------------------|--------------------|----------|
|                                    | Workload (DLMHs)                 |                    |          |
|                                    | Predicted Work                   | Potential Workload | Variance |
| Electronic Repair & Calibration    | 186300                           | 278500             | 92200    |
| Mechanical Calibration             | 46100                            | 68500              | 22500    |
| Electroplating                     | 0                                | 0                  | 0        |
| Conventional Valve and pump repair | 278600                           | 416700             | 138100   |
| Other Machining & Manufacturing    | 232500                           | 348000             | 115600   |
| Motor Rewind & Recondition         | 42800                            | 64200              | 21300    |
| Nuclear Repair                     | 320300                           | 650900             | 330700   |
| RADC0N                             | 70100                            | 142500             | 72400    |
| Submarine QC & NDT                 | 3900                             | 7900               | 4000     |
| Other QC & NDT                     | 800                              | 1700               | 900      |
| Flex Hose Repair & Test            | 13700                            | 20600              | 6800     |
| Other IMA Work                     | 547400                           | 1112500            | 565100   |
| <b>FY 1999 TOTAL:</b>              | <b>1742400</b><br><b>1742500</b> | 3112000            | 1369600  |

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

## 6. Functional Work Summary, continued

Table 6.1.f: PREDICTED FUNCTIONAL WORK VARIANCE for *FY 2000*

| <i>Functional Area</i>             | <i>FY 2000</i>   |                           |                           |
|------------------------------------|------------------|---------------------------|---------------------------|
|                                    | Workload (DLMHs) |                           |                           |
|                                    | Predicted Work   | Potential Workload        | Variance                  |
| Electronic Repair & Calibration    | 400              | 296000                    | 110600                    |
| Mechanical Calibration             | 47400            | 75300                     | 27900                     |
| Electroplating                     | 0                | 0                         | 0                         |
| Conventional Valve and pump repair | 275300           | 439900                    | 164600                    |
| Other Machining & Manufacturing    | 227900           | 364300                    | 136500<br><b>136400</b>   |
| Motor Rewind & Recondition         | 41700            | 66800                     | 25100                     |
| Nuclear Repair                     | 306900           | 666500                    | 359600                    |
| RADCON                             | 67300            | 146200                    | 78900                     |
| Submarine QC & NDT                 | 3700             | 8000                      | 4300                      |
| Other QC & NDT                     | 700              | 1500                      | 800                       |
| Flex Hose Repair & Test            | 13100            | 22600                     | 9500                      |
| Other IMA Work                     | 524800           | 1139700                   | 614900                    |
| <b>FY 2000 TOTAL:</b>              | 1694200          | 3226700<br><b>3226800</b> | 1932500<br><b>1532600</b> |

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

## 6. Functional Work Summary, continued

Table 6.1.g: PREDICTED FUNCTIONAL WORK VARIANCE for FY 2001

| <i>Functional Area</i>             | <i>FY 2001</i>            |                           |                           |
|------------------------------------|---------------------------|---------------------------|---------------------------|
|                                    | Workload (DLMHs)          |                           |                           |
|                                    | Predicted Work            | Potential Workload        | Variance                  |
| Electronic Repair & Calibration    | 190300                    | 319200                    | 129000<br><b>128900</b>   |
| Mechanical Calibration             | 49700                     | 83000                     | 33300                     |
| Electroplating                     | 0                         | 0                         | 0                         |
| Conventional Valve and pump repair | 278200                    | 467100                    | 188900                    |
| Other Machining & Manufacturing    | 232400                    | 390500                    | 158000<br><b>158100</b>   |
| Motor Rewind & Recondition         | 43000                     | 72300                     | 29300                     |
| Nuclear Repair                     | 309600                    | 706500                    | 396900                    |
| RADCON                             | 59100                     | 134900                    | 75800                     |
| Submarine QC & NDT                 | 3700                      | 8500                      | 4800                      |
| Other QC & NDT                     | 800                       | 1900                      | 1000<br><b>1100</b>       |
| Flex Hose Repair & Test            | 13800                     | 23200                     | 9400                      |
| Other IMA Work                     | 527800                    | 1204500                   | 676700                    |
| <b>FY 2001 TOTAL:</b>              | 1708500<br><b>1708400</b> | 3411500<br><b>3411600</b> | 1703100<br><b>1703200</b> |

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

**7. Workload Breakout**

7.1 Breakout the total workload performed, measured in thousands of Direct Labor Man Hours (K DLMHs) into the following categories for the period requested. (Note: breakout nuclear and conventional workload by the type of workload performed, not by the vessel from which the work originated.)

Table 7.1.a: **Historic and Predicted Maintenance Workload**

| Workload Category                 | Workload (K DLMHs) |                     |                     |         |                     |         |
|-----------------------------------|--------------------|---------------------|---------------------|---------|---------------------|---------|
|                                   | FY 1990            | FY 1991             | FY 1992             | FY 1993 | FY 1994             | FY 1995 |
| Ship Modernization (Conventional) | 54                 | 93                  | 22                  | 17      | 16                  | 18      |
| Ship Modernization (Nuclear)      | 7                  | 195                 | 65                  | 18      | 19                  | 19      |
| Ship Maintenance (Conventional)   | 474                | 606                 | 314                 | 773     | 794                 | 811     |
| Ship Maintenance (Nuclear)        | 14                 | 50                  | 403                 | 153     | 147                 | 159     |
| Aircraft Maintenance              | 0                  | 0                   | 0                   | 0       | 0                   | 0       |
| Facility / IPE Maintenance        | 23                 | 52                  | 55                  | 284     | 280                 | 297     |
| Other Maintenance                 | 206                | 376                 | 391                 | 136     | 140                 | 146     |
| <b>TOTAL:</b>                     | 779<br><b>778</b>  | 1373<br><b>1372</b> | 1251<br><b>1250</b> | 1381    | 1397<br><b>1396</b> | 1450    |

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

## 7. Workload Breakout, continued

Table 7.1.b: Historic and Predicted Maintenance Workload

| Workload Category                 | Workload (K DLMHs) |         |                     |         |                     |         |
|-----------------------------------|--------------------|---------|---------------------|---------|---------------------|---------|
|                                   | FY 1996            | FY 1997 | FY 1998             | FY 1999 | FY 2000             | FY 2001 |
| Ship Modernization (Conventional) | 24                 | 18      | 26                  | 14      | 11                  | 10      |
| Ship Modernization (Nuclear)      | 26                 | 20      | 28                  | 15      | 12                  | 11      |
| Ship Maintenance (Conventional)   | 722                | 1052    | 1101                | 1128    | 1156                | 1194    |
| Ship Maintenance (Nuclear)        | 218                | 166     | 230                 | 125     | 100                 | 91      |
| Aircraft Maintenance              | 0                  | 0       | 0                   | 0       | 0                   | 0       |
| Facility / IPE Maintenance        | 426                | 309     | 428                 | 233     | 187                 | 170     |
| Other Maintenance                 | 225                | 218     | 241                 | 225     | 225                 | 231     |
| <b>TOTAL:</b>                     | 1641               | 1783    | 2053<br><b>2054</b> | 1740    | 1692<br><b>1691</b> | 1707    |

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

7.2 Identify and describe below the workload comprising your entries in the "Aircraft" and "Other Maintenance" elements of Table 7.1.

Interoperational Maintenance with the following:

- Barbers Point
- SIMA Pearl Harbor
- Kaneohe (Marines)
- NAV MAG (Westloch)
- NAVSTA Pearl Harbor
- SUBASE 00314 (includes small boats)
- NAVSUBTRACENPAC
- COMPETENT

**7. Workload Breakout, continued**

7.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, maximum apprentice training, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which the capability at this SIMA/TRF could be expanded while still meeting schedule commitments to the customer?

Table 7.3: Maximum Potential Maintenance Workload

| Workload Category                 | Workload (K DLMHs)  |         |                     |         |                     |         |                     |
|-----------------------------------|---------------------|---------|---------------------|---------|---------------------|---------|---------------------|
|                                   | FY 1995             | FY 1996 | FY 1997             | FY 1998 | FY 1999             | FY 2000 | FY 2001             |
| Ship Modernization (Conventional) | 20                  | 38      | 48                  | 54      | 49                  | 58      | 65                  |
| Ship Modernization (Nuclear)      | 22                  | 41      | 52                  | 58      | 53                  | 63      | 70                  |
| Ship Maintenance (Conventional)   | 1307                | 1364    | 1386                | 1401    | 1429                | 1265    | 1325                |
| Ship Maintenance (Nuclear)        | 183                 | 343     | 436                 | 485     | 439                 | 523     | 582                 |
| Aircraft Maintenance              | 0                   | 0       | 0                   | 0       | 0                   | 0       | 0                   |
| Facility / IPE Maintenance        | 341                 | 638     | 811                 | 902     | 817                 | 973     | 1083                |
| Other Maintenance                 | 255                 | 294     | 310                 | 325     | 326                 | 335     | 287                 |
| <b>TOTAL:</b>                     | 2129<br><b>2128</b> | 2718    | 3044<br><b>3043</b> | 3225    | 3111<br><b>3113</b> | 3217    | 3411<br><b>3412</b> |

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

**7. Workload Breakout, continued**

7.4 What plant modifications/facility improvements are budgeted in Presidential Budget FY 1995 through 1997 that will improve the production work capability at the IMA? Provide a description, cost, and additional capability (in DLMHs) that potentially will be realized.

FY-96, P-097, Reconstruct Pier S8/S9, \$22.3M, will not increase DLMH capability directly since the number of submarines that can be maintained at these berths will not change.

FY-97, P-123, Reconstruct Wharves S10 - S12, \$25.5M, will not increase DLMH capability directly since the number of submarines that can be maintained at these berths will not change.

7.5 Given unconstrained funding and manning levels, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your production work capability? Provide a description, cost estimates, and additional capability (in DLMHs per year) that could be realized.

The upgrade, replacement, or addition of the following IPE will cost approximately \$864K, which will net an increase of 67,752 DLMH's per year.

1. Upgrade one Jigmil milling machine to NC capability (\$400K). (Represents an increase of 12,916 DLMH's per year.)
2. Replace two type 4 milling machines (\$140K). (Represents an increase of 8,611 DLMH's per year.)
3. Replace one lathe (\$70K). (Represents an increase of 6,458 DLMH's per year.)
4. Replace one drill press (\$6K). (Represents an increase of 8,372 DLMH's per year.)
5. Replace one radial drill press (\$35K). (Represents an increase of 8,372 DLMH's per year.)
6. Acquire one NC capable punch press (\$120K). (Represents an increase of 6,279 DLMH's per year.)
7. Replace one 3/4-inch shearing machine (\$93K). (Represents an increase of 16,744 DLMH's per year.)

**8. Workload Summary**

In the Tables on the following pages, bring the information from the tables in Section 7.1 and 7.3 forward and calculate workload variance for FY 1995-2001.

The total values for Maximum Potential Workload shown in Tables may not always transcribe directly to the Potential Workload column on the seven Predicted Workload Variance Tables that follow. Provide responses in an absolute number of DLMHs that could be applied, without a significant increase in overhead cost/rates, assuming that you also have to (a) execute the projected workload and (b) meet your cost and schedule commitments to your customer.

Appropriately tabulated, the Potential Workload column should reflect the total potential workload for your activity with no remaining surplus capability for either emergency repair of battle damage, or depot repairs of other emergent damage.

**Table 8.1.a: PREDICTED WORKLOAD VARIANCE of SIMAs/TRFs for FY 1995**

| Workload Breakdown                | FY 1995               | Workload (DLMHs)          |                           |                         |
|-----------------------------------|-----------------------|---------------------------|---------------------------|-------------------------|
|                                   |                       | Predicted Workload        | Potential Workload        | Variance                |
| Ship Modernization (Conventional) |                       | 17700                     | 20300                     | 2600                    |
| Ship Modernization (Nuclear)      |                       | 19200                     | 22000                     | 2800                    |
| Ship Maintenance (Conventional)   |                       | 810900                    | 1307200                   | 496300                  |
| Ship Maintenance (Nuclear)        |                       | 159400                    | 183200                    | 23800                   |
| Aircraft Maintenance              |                       | 0                         | 0                         | 0                       |
| Facility / IPE Maintenance        |                       | 296800                    | 340800                    | 44100<br><b>44000</b>   |
| Other Maintenance                 |                       | 146000                    | 255100                    | 109100                  |
|                                   | <b>FY 1995 TOTAL:</b> | 1449900<br><b>1450000</b> | 2128700<br><b>2128600</b> | 678700<br><b>678600</b> |

## 8. Workload Summary, continued

Table 8.1.b: PREDICTED WORKLOAD VARIANCE of SIMAs/TRFs for FY 1996

| Workload Breakdown                | FY 1996            |                    |                         |
|-----------------------------------|--------------------|--------------------|-------------------------|
|                                   | Workload (DLMHs)   |                    |                         |
|                                   | Predicted Workload | Potential Workload | Variance                |
| Ship Modernization (Conventional) | 24200              | 38000              | 13800                   |
| Ship Modernization (Nuclear)      | 26200              | 41200              | 15000                   |
| Ship Maintenance (Conventional)   | 722000             | 1363400            | 641600<br><b>641400</b> |
| Ship Maintenance (Nuclear)        | 218100             | 343000             | 124900                  |
| Aircraft Maintenance              | 0                  | 0                  | 0                       |
| Facility / IPE Maintenance        | 426000             | 638100             | 212100                  |
| Other Maintenance                 | 224600             | 294200             | 69600                   |
| <b>FY 1996 TOTAL:</b>             | 1641000<br>1641100 | 2718200<br>2717900 | 1077100<br>1076800      |

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

Table 8.1.c: PREDICTED WORKLOAD VARIANCE of SIMAs/TRFs for FY 1997

| Workload Breakdown                | FY 1997            |                    |                        |
|-----------------------------------|--------------------|--------------------|------------------------|
|                                   | Workload (DLMHs)   |                    |                        |
|                                   | Predicted Workload | Potential Workload | Variance               |
| Ship Modernization (Conventional) | 18400              | 48300              | 29900                  |
| Ship Modernization (Nuclear)      | 20000              | 52400              | 32400                  |
| Ship Maintenance (Conventional)   | 1051600            | 1385700            | 334100                 |
| Ship Maintenance (Nuclear)        | 166100             | 436100             | 270000                 |
| Aircraft Maintenance              | 0                  | 0                  | 0                      |
| Facility / IPE Maintenance        | 308900             | 811300             | 502400                 |
| Other Maintenance                 | 218000             | 310200             | 288400<br><b>92200</b> |
| <b>FY 1997 TOTAL:</b>             | 1586700<br>1783000 | 3044000            | 1457300<br>1261000     |

## 8. Workload Summary, continued

Table 8.1.d: PREDICTED WORKLOAD VARIANCE of SIMAs/TRFs for FY 1998

| Workload Breakdown                | FY 1998 | Workload (DLMHs)   |                    |                |
|-----------------------------------|---------|--------------------|--------------------|----------------|
|                                   |         | Predicted Workload | Potential Workload | Variance       |
| Ship Modernization (Conventional) |         | 25500              | 53700              | 28200          |
| Ship Modernization (Nuclear)      |         | 27700              | 58200              | 30600          |
|                                   |         |                    |                    | <b>30500</b>   |
| Ship Maintenance (Conventional)   |         | 1101300            | 1401100            | 299800         |
| Ship Maintenance (Nuclear)        |         | 230100             | 484600             | 254500         |
| Aircraft Maintenance              |         | 0                  | 0                  | 0              |
| Facility / IPE Maintenance        |         | 428100             | 901700             | 473600         |
| Other Maintenance                 |         | 240700             | 325300             | 84600          |
| FY 1998 TOTAL:                    |         | 2053300            | 3224600            | 1171300        |
|                                   |         | <b>2053400</b>     |                    | <b>1171200</b> |

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

Table 8.1.e: PREDICTED WORKLOAD VARIANCE of SIMAs/TRFs for FY 1999

| Workload Breakdown                | FY 1999 | Workload (DLMHs)   |                    |                |
|-----------------------------------|---------|--------------------|--------------------|----------------|
|                                   |         | Predicted Workload | Potential Workload | Variance       |
| Ship Modernization (Conventional) |         | 13900              | 48700              | 34800          |
| Ship Modernization (Nuclear)      |         | 15000              | 52700              | 37700          |
| Ship Maintenance (Conventional)   |         | 1128500            | 1428600            | 300100         |
| Ship Maintenance (Nuclear)        |         | 125100             | 438900             | 313800         |
| Aircraft Maintenance              |         | 0                  | 0                  | 0              |
| Facility / IPE Maintenance        |         | 232800             | 816600             | 583900         |
|                                   |         |                    |                    | <b>583800</b>  |
| Other Maintenance                 |         | 224800             | 325800             | 101000         |
| FY 1999 TOTAL:                    |         | 1740100            | 3111300            | 1371300        |
|                                   |         |                    |                    | <b>1371200</b> |

## 8. Workload Summary, continued

Table 8.1.f: PREDICTED WORKLOAD VARIANCE of SIMAs/TRFs for FY 2000

| Workload Breakdown                | FY 2000            |                    |                           |
|-----------------------------------|--------------------|--------------------|---------------------------|
|                                   | Workload (DLMHs)   |                    |                           |
|                                   | Predicted Workload | Potential Workload | Variance                  |
| Ship Modernization (Conventional) | 11100              | 58000              | 46800                     |
| Ship Modernization (Nuclear)      | 12100              | 62800              | 50800                     |
| Ship Maintenance (Conventional)   | 1156000            | 1265200            | 109300                    |
| Ship Maintenance (Nuclear)        | 100400             | 523000             | 422600                    |
| Aircraft Maintenance              | 0                  | 0                  | 0                         |
| Facility / IPE Maintenance        | 186800             | 973000             | 786200                    |
| Other Maintenance                 | 225400             | 334700             | 109300                    |
| <b>FY 2000 TOTAL:</b>             | 1691800            | 3216700            | 1524900<br><b>1525000</b> |

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

Table 8.1.g: PREDICTED WORKLOAD VARIANCE of SIMAs/TRFs for FY 2001

| Workload Breakdown                | FY 2001                   |                           |                           |
|-----------------------------------|---------------------------|---------------------------|---------------------------|
|                                   | Workload (DLMHs)          |                           |                           |
|                                   | Predicted Workload        | Potential Workload        | Variance                  |
| Ship Modernization (Conventional) | 10100                     | 64500                     | 54400                     |
| Ship Modernization (Nuclear)      | 11000                     | 69900                     | 59000                     |
| Ship Maintenance (Conventional)   | 1193600                   | 1324900                   | 131200                    |
| Ship Maintenance (Nuclear)        | 91400                     | 582000                    | 490600                    |
| Aircraft Maintenance              | 0                         | 0                         | 0                         |
| Facility / IPE Maintenance        | 170000                    | 1082900                   | 912800                    |
| Other Maintenance                 | 230800                    | 286500                    | 55700                     |
| <b>FY 2001 TOTAL:</b>             | 1707000<br><b>1706900</b> | 3410800<br><b>3410700</b> | 1703800<br><b>1703700</b> |

**Features and Capabilities****9. Physical Space**

9.1 Physical Space: What is the actual useable area in total KSF of applicable floor space in appropriate structures for facilities to perform industrial support functions?

9.2 What is the planned requirement (to support planned ship maintenance and modification over the next five years) in total KSF of applicable floor space in appropriate structures for facilities to perform industrial support functions?

9.3. Given the foregoing, what is the surplus area in total KSF of applicable floor space in appropriate structures for facilities to perform industrial support functions?

**Table 9.1 : Industrial Support Physical Space**

| Categories of Space  | Actual Area (KSF) | Required Area (KSF) | Surplus Area (KSF) |
|--|-------------------|---------------------|--------------------|
| Office, warehouse, & external storage for procurement, storage, security, issue, packaging, and shipment, etc. | 20.8              | 20.8                | 0                  |
| Office space for command, management, & administrative, etc.   | 20.0              | 20.0                | 0                  |
| Office space for drafting, work planning, & computer aided design, etc.  | 4.8               | 4.8                 | 0                  |
| Storage for technical manuals & drawings of equipment/components for life-cycle management, etc.               | 4.3               | 4.3                 | 0                  |

**TYCOM NOTE: TYCOM DOES NOT HAVE ADEQUATE DATA ON FILE TO VALIDATE THIS TABLE. PER DISCUSSIONS WITH INSTALLATION ON 24 MAY 94, ABOVE TABLE WAS DEVELOPED USING MILCON PROJECT DOCUMENTATION ON FILE AT THE STATION LEVEL TO CONSTRUCT THE NEW IMA AT SUBBASE PEARL HARBOR. MEASUREMENTS OF EXISTING FACILITIES WERE NOT MADE TO CALCULATE ACTUAL AREA. REQUIRED AREA EQUALS THAT LISTED IN THE BASIC FACILITIES REQUIREMENTS (BFR) FOR IMA FUNCTIONS.**

**10. Real Estate Resources**

10.1 Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your SIMA/TRF could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, special off-site areas. 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 from 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 10.1: 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          |
| 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          | 39                | N/A                       | N/A          |
| <b>Total:</b>                      | <b>125</b>  | <b>125</b>        | <b>N/A</b>                | <b>N/A</b>   |

**TYCOM NOTE: THE 39 ACRES LISTED UNDER "OTHER" INCLUDE ROADS, PARKING LOTS AND OTHER PAVED AREAS.**

**11. Facility Conditions**

11.1 Identify the facilities which comprise your SIMA/TRF by Category Code Number (CCN) (five digit) from the NAVFAC P-80. Identify the size and condition of each facility.

Table 11.1: Facility Conditions

| Facility Name / Function            | CCN    | Condition and Area (KSF) |             |               |
|-------------------------------------|--------|--------------------------|-------------|---------------|
|                                     |        | Adequate                 | Substandard | Inadequate    |
| BLDG 1770/IMA FACILITY              | 213-30 | 169.76                   |             |               |
| BLDG 645/RIGGERS                    | 213-30 |                          |             | 12.64         |
| BLDG 683/PERISCOPE & ELECTRONICS    | 213-30 |                          | 26.99       | 26.99<br>0.00 |
| BLDG 1320/LOX & NITROGEN            | 143-77 | 2.18                     |             |               |
| BLDG 1668/LOX & NITROGEN CLEAN ROOM | 143-77 | 0.43                     |             |               |
| BLDG 1232/RAD. HANDLING             | 831-39 |                          | 21.4/0      | 4.51          |
| BLDG 1716/PURE WATER FACILITY       | 844-10 | 2.31                     |             |               |
| BLDG 1766/CIF                       | 831-39 | 18.68                    |             |               |

**TYCOM NOTE: ABOVE TABLE REFLECTS SUBBASE PEARL HARBOR'S FACILITY INVENTORY FOR IMA FUNCTIONS UPON COMPLETION OF THE NEW IMA/CIF COMPLEX (BOD 2ND QTR FY95). THE FACILITIES BEING VACATED AS THE IMA FUNCTIONS ARE RELOCATED TO THEIR NEW FACILITIES WILL EITHER BE DEMOLISHED OR REHAB FOR OTHER USES. THEREFORE, THE ABOVE INVENTORY DOES NOT MATCH THAT CURRENTLY LISTED IN THE NAVFAC P-164.**

**TYCOM NOTE: CORRECT TOTAL SQUARE FOOTAGE FOR CCN 831-39, BLDG 1232, IS 4,510 SF (INADEQUATE) AS SHOWN IN NAVFAC P-164 DTD SEPT 93.**

11.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the facilities listed in Table 11.1 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?

**Building 645**

- a. Facility type/code: 213-30/IMA
- b. What makes it inadequate? Age and condition
- c. What use is being made of the facility? Repair department/riggers
- d. What is the cost to upgrade the facility to substandard? \$5M+
- e. What other use could be made of the facility and at what cost? Storage facility at \$1M
- f. Current improvement plans and programmed funding: Unprogrammed MILCON P-098 for \$5M
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3

**TYCOM NOTE: IN SUBPARAGRAPH f, THE CORRECT MILCON PROJECT NUMBER IS P-089. THIS PROJECT WILL DEMOLISH THE EXISTING FACILITY AND REPLACE IT WITH A NEW LIKE FACILITY.**

**Building 683**

- a. Facility type/code: 213-30/IMA
- b. What makes it inadequate? Logistics
- c. What use is being made of the facility? Repair department/electronics and periscope shop
- d. What is the cost to upgrade the facility to substandard? \$3M+
- e. What other use could be made of the facility and at what cost? Storage facility at \$1M
- f. Current improvement plans and programmed funding: Unprogrammed MILCON P-140 for \$10.5M
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? C3

**TYCOM NOTE: ALTHOUGH BLDG 683 IS LISTED AS "INADEQUATE" IN BOTH THE NAVFAC P-164 AND THE FACILITY PLANNING DOCUMENTS, THE TYCOM DOES NOT AGREE WITH THIS DETERMINATION. BASED ON THE DEFINITION OF "INADEQUATE" AS DEFINED IN NAVFACINST 11010.44E AND AN ON-SITE INSPECTION BY THE TYCOM, IT IS THE TYCOM'S POSITION THAT THIS BLDG IS "SUBSTANDARD" FROM A FACILITY CONDITION CODE PERSPECTIVE. THE LOCATION OF THE BLDG WITH RESPECT TO THE OPERATIONS IT SUPPORTS (LOGISTICS) IS SATISFACTORY.**

**12. Expenditures and Equipment Values**

12.1 Identify the facility and equipment values for your activity in the Table below, as executed and budgeted for the period requested. As applied herein:

- Maintenance of Real Property (MRP) Dollars is the budgetary term which gathers the expenses or budget requirements for facility work including recurring maintenance, major repairs, and minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call, MRP includes all M1/R1 and M2/R2 expenditures.
- Current Plant Value (CPV) of Class 2 Real Property is the hypothetical dollar amount required to replace a Class 2 facility in kind with today's dollars. (e.g. the cost today to replace a wood frame barracks with a wood frame barracks).
- Acquisition Cost of Equipment (ACE) reports 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 which is integral to the facility shall not be reported as ACE.

Table 12.1: Expenditures and Equipment Values

Activity: SUBASE, Pearl Harbor

UIC: 00314

| Fiscal Year | MRP (\$) <sup>1</sup> (\$000) | CPV (\$) <sup>2</sup> (\$000) | ACE (\$) <sup>3</sup> (\$000) |
|-------------|-------------------------------|-------------------------------|-------------------------------|
| 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                           |

<sup>1</sup> **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.

<sup>2</sup> **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.

<sup>3</sup> **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) **CPV** - No data is available for FYs 86 through 92; (2) **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.

### 13. Berthing Capacity

13.1 Identify the age and structural characteristics for each pier and wharf at your facility or under your cognizance by NAVFAC P-80 Category Code Number (CCN), and dimensions as requested. If unable to maintain the stated design dredge depth, provide explanatory comment following the Table. Identify water distance between adjacent piers, in lieu of slip width, where appropriate. Indicate if the pier is inside a Controlled Industrial Area or High Security Area and the Net Explosive Weight (NEW) ESQD limits, if applicable. Identify any additional controls required in the space following this Table. Identify the average number of days per year over the last eight years (the period FY 1987-1994) that the pier or wharf was out of service (OOS) for maintenance (including dredging of the associated slip).

Table 13.1: Pier and Wharf Characteristics

| Pier/<br>Wharf &<br>Age <sup>1</sup> | CCN <sup>2</sup> | Moor<br>Length<br>(ft) | Design<br>Dredge<br>Depth <sup>3</sup> (ft)<br>(MLLW) | Slip<br>Width <sup>4</sup><br>(ft) | Pier<br>Width<br>(ft) <sup>5</sup> | CIA/Securit<br>y Area?<br>(Y/N) <sup>6</sup> | ESQD<br>Limit <sup>7</sup> | # Days<br>OOS for<br>Maint <sup>8</sup> |
|--------------------------------------|------------------|------------------------|---|------------------------------------|------------------------------------|--|----------------------------|---|
| S-13/14<br>52 YRS                    | 152-20           | 385'                   | 35 + 1  | 100'                               | 28'                                | N/YES  | 100'                       |   |
| S-20<br>50 YRS                       | 152-20           | 600'                   | 55 + 1  | 175'                               | 45'                                | N/YES  | 100'                       |   |
| S-21A<br>50 YRS                      | 152-20           | 393.5'                 | 39 + 1  | 100'                               | 45'                                | N/YES  | 100'                       |   |
| S-21B<br>50 YRS                      | 152-20           | 393.5'                 | 39 + 1  | 100'                               | 45'                                | N/YES  | 100'                       |   |
| Y-3A<br>UNDER<br>CONST               | 152-20           | 492.5'                 | 40 + 1  | 150'                               | 60'                                | N/YES  | 100'                       |   |
| Y-3B<br>UNDER<br>CONST               | 152-20           | 492.5'                 | 40 + 1  | 150'                               | 60'                                | N/YES  | 100'                       |   |
| S1A<br>52 YRS                        | 152-20           | 542.5                  | 35 + 1  | 100'                               | 46'                                | N/YES  | 100'                       |   |
| S1B<br>52 YRS                        | 152-20           | 542.5                  | 35 + 1  | 100'                               | 46'                                | N/YES  | 100'                       |   |
| S4 <sup>9</sup><br>50 YRS            | 151-20           | 340                    | 35 + 1  | 100'                               | 40'                                | N/YES  | 100'                       |   |
| S-5 <sup>9</sup><br>50 YRS           | 151-20           | 340                    | 35 + 1  | 100'                               | 40'                                | N/YES  | 100'                       |   |

| Pier/<br>Wharf &<br>Age <sup>1</sup> | CCN <sup>2</sup> | Moor<br>Length<br>(ft) | Design<br>Dredge<br>Depth <sup>3</sup> (ft)<br>(MLLW) | Slip<br>Width <sup>4</sup><br>(ft) | Pier<br>Width<br>(ft) <sup>5</sup> | CIA/Securit<br>y Area?<br>(Y/N) <sup>6</sup> | ESQD<br>Limit <sup>7</sup> | # Days<br>OOS for<br>Maint <sup>8</sup> |
|--------------------------------------|------------------|------------------------|---|------------------------------------|------------------------------------|--|----------------------------|---|
| S-8 <sup>10</sup><br><b>59 YRS</b>   | 151-20           | 350                    | 35 + 1  | 100'                               | 47'                                | N/YES  | 100'                       |   |
| S-9 <sup>10</sup><br><b>59 YRS</b>   | 151-20           | 350                    | 35 + 1  | 100'                               | 47'                                | N/YES  | 100'                       |   |
| S-10<br><b>52 YRS</b>                | 152-20           | 385                    | 35 + 1  | 100'                               | 28'                                | N/YES  | 100'                       |   |
| S-11<br><b>52 YRS</b>                | 152-20           | 385                    | 35 + 1  | 100'                               | 28'                                | N/YES  | 100'                       |   |
| S-12<br><b>52 YRS</b>                | 152-20           | 385                    | 35 + 1  | 100'                               | 28'                                | N/YES  | 100'                       |   |

<sup>1</sup> Original age and footnote a list of MILCON improvements in the past 10 years.

- MILCON P-114 (completed) provided a \$2.6M shorepower improvement to S10, S11 and S21A.

- MILCON P-116 (in process **PROGRESS**) provides an \$18.6M general purpose/berthing wharf for Y3A.

- MILCON P-120 (in process **PROGRESS**) provides a \$23M general purpose/berthing wharf for Y3B.

<sup>2</sup> Use NAVFAC P-80 for category code number.

<sup>3</sup> Comment if unable to maintain design dredge depth

<sup>4</sup> Water distance between adjacent finger piers.

<sup>5</sup> Indicate if RO/RO and/or Aircraft access. Indicate if pier structures limit open pier space.

<sup>6</sup> Describe the additional controls for the pier.

<sup>7</sup> Net explosive weight. List all ESQD waivers that are in effect with expiration date.

<sup>8</sup> Data on days out of service is not available.

<sup>9</sup> Berths S4 and S5 combine as a single pier with a total width of 40 feet (see attached waterfront drawing).

<sup>10</sup> Berths S8 and S9 combine as a single pier with a total width of 47 feet (see attached waterfront drawing).

Additional comments:

**TYCOM NOTE: AGES OF PIERS/WHARVES REQUIRED BY COLUMN ONE WERE OBTAINED FROM P-164, ENTERED IN BOLD BY TYCOM AND CONFIRMED WITH STATION ON 09 MAY 94 DURING DATA CALL SIX.**

**TYCOM NOTE: WITH THE EXCEPTION OF PIERS S-4/5 AND S-8/9 WHICH ARE ADJACENT FINGER PIERS, ALL OTHER BERTHING STRUCTURES ON SUBASE ARE**

**WHARVES. THEREFORE, SLIP WIDTH PROVIDED IN COLUMN FIVE REFLECTS AMOUNT OF WATER SPACE IDENTIFIED FOR BERTHING AND COINCIDES WITH ESQD ARE SHOWN ON STATION PLANS.**

**TYCOM NOTE: AS CONFIRMED WITH STATION ON 09 MAY 94 DURING DATA CALL SIX REVIEW, N.E.W. FOR ALL SUBASE PIERS IS CLASS 1, DIV 3 1000 LBS, AND CLASS 1, DIV 4, 1000 LBS.**

**TYCOM NOTE: ALL PIERS/WHARVES ARE DESIGNATED LEVEL I RESTRICTED IAW OPNAVINST 5530.14B. HOWEVER, THERE ARE NO CONTROLS IN PLACE FOR LIMITING ACCESS TO THE PIERS. THE BASE DOES HAVE THE CAPABILITY TO SECURE ALL INGRESS/EGRESS TO THE BASE IN THE EVENT OF AN EMERGENCY. A CURRENTLY UNPROGRAMMED MILCON PROJECT HAS BEEN SUBMITTED TO CONSTRUCT A CIA FENCE ALONG THE WATERFRONT.**

**13. Berthing Capability, continued**

13.2 Identify all MILCON improvements executed in the period FY 1986-1994 for each pier or wharf identified in Table 13.1.

Table 13.2: Pier and Wharf MILCON

| Pier or Wharf     | Year MILCON Executed | Nature of Improvement                               |
|-------------------|----------------------|---|
| Y3A               | 1990                 | MILCON P-116 \$18.6M General Purpose/Berthing Wharf |
| S-10,S-11 and 21A | 1991                 | MILCON P-114 Shore Power Improvements               |
| Y3B               | 1992                 | MILCON P-120 \$23M General Purpose/Berthing Wharf   |
| Y2                | 1994                 | MILCON P-117 \$26M General Purpose/Berthing Wharf   |

**TYCOM NOTE: WHARF Y-2, P-117, IS PROGRAMMED FOR FY94 AWARD. HOWEVER, PART OF THE PROJECT IS CURRENTLY UNDERGOING REDESIGN WHICH MAY DELAY AWARD UNTIL EARLY FY95.**

13.3 List all ESQD waivers currently in effect, with expiration dates, for all applicable piers and wharves identified in Table 13.1.

Table 13.3: ESQD Waivers In Effect

| Pier or Wharf | Nature of Waiver | Date Waiver Expires |
|---------------|------------------|---------------------|
| NONE          |                  |                     |

**13. Berthing Capability, continued**

13.4 For all piers and wharves at your facility or under your cognizance, indicate which, if any, are RO/RO and/or aircraft accessible, and conditions which apply.

Table 30.4: Pier and Wharf Access

| Pier or Wharf | RO/RO Access? | Aircraft Access? |
|---------------|---------------|------------------|
| NONE          |               |                  |

**13.5** How much pier space is required to berth and support ancillary craft (tugs, barges, floating cranes, etc.) currently at your facility? Indicate if certain piers are uniquely suited to support these craft.

- Boat house finger piers included boat house and finger piers for small craft, 794 landing ft. These finger piers are the property of NAVSTA Pearl Harbor and are designated S-15,16,17,18 and wharf 19 on the attached drawing.

**TYCOM NOTE: NO DRAWING PROVIDED IN HARD COPY OF DATA CALL SUBMISSION. DRAWING WAS PROVIDED IN DATA CALL SIX SUBMISSION.**

| Pier/<br>Wharf | NPW<br>Berth?<br>(Y/N) | KVA            |       | Comp. Air<br>Pressure<br>& Max<br>Capability | Potable<br>Water<br>(GPD) | CHT<br>(GPD) | Oily<br>Waste<br>(GPD) | Steam<br>(LBM/HR<br>& PSI) | Fenderin<br>g Limits<br>(Y/N) |
|----------------|------------------------|----------------|-------|--|---------------------------|--------------|------------------------|----------------------------|-------------------------------|
|                |                        | Shore<br>Power | 4160V |  |                           |              |                        |                            |                               |
| S-13           | Y                      | 1330           | 0     | 115<br>PSI/4500<br>CFM                       | 1440                      | 2376         | 0                      | 0                          | NONE                          |
| S-14           | Y                      | 0              | 0     | 115<br>PSI/4500<br>CFM                       | 1440                      | 0            | 0                      | 0                          | NONE                          |
| S-20           | Y                      | 2660           | 0     | 115<br>PSI/4500<br>CFM                       | 1440                      | 0            | 0                      | 0                          | NONE                          |
| S-21A          | Y                      | 1330           | 0     | 115<br>PSI/4500<br>CFM                       | 1440                      | 576          | 0                      | 0                          | NONE                          |
| S-21B          | Y                      | 2660           | 0     | 115<br>PSI/4500CF<br>M                       | 1440                      | 576          | 0                      | 0                          | NONE                          |
| Y-2            | Y                      | 2660           | 0     | 115<br>PSI/4500<br>CFM                       | 1440                      | 576          | 0                      | 0                          | YOKA-<br>HAMAS                |
| Y-3A           | Y                      | 2660           | 0     | 115<br>PSI/4500<br>CFM                       | 1440                      | 576          | 0                      | 0                          | YOKA-<br>HAMAS                |
| Y-3B           | Y                      | 2660           | 0     | 115<br>PSI/4500<br>CFM                       | 1440                      | 576          | 0                      | 0                          | YOKA-<br>HAMAS                |
| K-1            | N                      | 0              | 0     | 0  | 0                         | 0            | 0                      | 0                          | N/A                           |

Additional comments:

**TYCOM NOTE: STATION FAILED TO COMPLETE TABLE 13.6. TYCOM COMPLETED TABLE USING DATA PULLED FROM TABLE 12.1 BRAC DATA CALL SIX.**

**TYCOM NOTE: PIER K-1 IS CONDEMNED. ESTIMATED COST TO MAKE PIER K-1 FULLY OPERATIONAL IS IN EXCESS OF \$25M. NO MILCON PROJECT HAS BEEN SUBMITTED TO COMPLETE THIS WORK.**

**TYCOM NOTE: CONSTRUCTION OF WHARF Y-2, P-117, HAS NOT STARTED. CONTRACT IS SCHEDULED FOR AWARD LATE FY94 OR EARLY FY95.**

**13. Berthing Capability, continued**

13.7 For each pier and wharf listed above, state today's normal loading by ship class with current facility ship loading, the maximum berthing, maximum berthing for weapons handling evolutions, and maximum berthing to conduct maintenance. For ordnance handling capability, identify the maximum number of ships that can be moored at each pier or wharf to conduct ordnance handling evolutions, without necessitating berth shifts. Incorporate all applicable safety, ESQD, and access limitations. Include comments below the Table if necessary. For berthing in support of maintenance, list the maximum number of ships that can be serviced in maintenance availabilities at each pier or wharf without necessitating berth shifts to accommodate crane, laydown or access limitations. Provide any additional comments in the space following the Table.

Table 13.7: Pier and Wharf Normal Loading

| Pier/ Wharf        | Typical Steady State Loading <sup>1</sup> | Maximum Ship Berthing | Ordnance Handling Pierside? <sup>2</sup> | Perform Maintenance Pierside? <sup>3</sup> |
|--------------------|---|-----------------------|--|--|
| S-1A               | *   | 2 - 637,688 OR 640    | NONE                                     | 1  |
| S-1B               | *   | 2 - 637,688 OR 640    | NONE                                     | 1  |
| S-4                | *   | 2 - 637 OR 688        | NONE                                     | 1  |
| S-5                | *   | 1 - 637 OR 688        | NONE                                     | 1  |
| S-8                | *   | 2 - 637 OR 688        | NONE                                     | 1  |
| S-9                | *   | 1 - 637 OR 688        | NONE                                     | 1  |
| S-10 <sup>4</sup>  | *   | 2 - 637 OR 688        | NONE                                     | 1  |
| S-11 <sup>4</sup>  | *   | 2 - 637 OR 688        | NONE                                     | 1  |
| S-12 <sup>4</sup>  | *   | 1 - 637 OR 688        | NONE                                     | 1  |
| S-13 <sup>4</sup>  | 0   | 1 - 637 OR 688        | NONE                                     | 1  |
| S-14 <sup>5</sup>  | 0   | 0                     | NONE                                     | 1/0  |
| S-20               | DRY DOCK                                  | AFDM 6                | NONE                                     | 1  |
| S-21A <sup>6</sup> | *   | 1 - 637 OR 688        | NONE                                     | 1  |
| S-21B <sup>6</sup> | *   | 2 - 637 OR 688        | NONE                                     | 1  |
| Y-2 <sup>7</sup>   | *   | 2 - 637 OR 688        | NONE                                     | 1  |
| Y-3A <sup>8</sup>  | *   | 2 - 637 OR 688        | NONE                                     | 1  |
| Y-3B <sup>9</sup>  | *   | 2 - 637 OR 688        | NONE                                     | 1  |
| K-1 <sup>10</sup>  | *   | 0                     | NONE                                     | 0  |

\* THE AVERAGE LOAD FOR ALL PIERS COMBINED IS .85 PER DAY  
(BASED ON 12 PIERS AND 10.24 SHIPS/DAY IMPORT)

<sup>1</sup> Typical pier loading by ship class with current facility ship loading.

<sup>2</sup> List the maximum number of ships that can be moored to conduct ordnance handling evolutions at each pier/berth without berth shifts. Consider safety, ESQD and access limitations.

<sup>3</sup> List the maximum number of ships that can be serviced in maintenance availabilities at each pier without berth shifts because of crane, laydown, or access limitations.

<sup>4</sup> The maximum capacity for S-10,11,12,and 13 is two (2) 688 and two (2) 637 class submarines or any combination yielding less total length than this configuration (see attached drawing).

- <sup>5</sup> S-14 berths our current RADCON barge.
- <sup>6</sup> Berthing of one Trident 726 class is possible by using both piers.
- <sup>7</sup> MILCON P-117 (in process) provides a \$26M general purpose/berthing wharf for Y2.
- <sup>8</sup> MILCON P-116 (in process) provides an \$18.6M general purpose/berthing wharf for Y3A.
- <sup>9</sup> MILCON P-120 (in process) provides a \$23M general purpose/berthing wharf for Y3B.
- <sup>10</sup> Storage pier only.

**TYCOM NOTE: IMA CAPACITY FOR WHARF S-14 IS ZERO BECAUSE OF INSUFFICIENT SHORE POWER. CONFIRMED WITH STATION ON 09 MAY 94 DURING DATA CALL SIX REVIEW. ALSO, ALTHOUGH WHARF S-20 IS CAPABLE OF SUPPORTING SSN IMA WORK, IT IS DEDICATED TO THE AFDM 6 DRYDOCK. CURRENT PLANS ARE FOR THE DRYDOCK TO REMAIN AT S-20.**

**TYCOM NOTE: COMPARING TABLES 13.1 AND TABLE 13.7 WILL REVEAL THAT THE MOORING REQUIREMENTS FOR 688 CLASS SSNs IAW NAVFAC P-80 REQUIREMENTS EXCEEDS MOORING SPACE AVAILABLE AT EACH PERI/WHARF WITH THE EXCEPTION OF NEW CONSTRUCTION (Y-3A, Y-3B AND Y-2). THIS IS RECOGNIZED AND A CERTAIN LEVEL OF RISK EXISTS IN MOORING THE 688s AT LESS THAN THE REQUIRED SEPARATION DISTANCE. OUR CURRENT MILCON PROGRAM WHICH INCLUDES P-097, P-123 AND P-137 COMBINED WITH OUTYEAR LOADING WILL CORRECT THIS DEFICIENCY.**

**13. Berthing Capability, continued**

13.8 How much pier space is required to berth and support ancillary craft (tugs, barges, floating cranes, etc.) currently at your facility? Indicate if certain piers are uniquely suited to support these craft.

- Boat house finger piers included boat house and finger piers for small craft, 794 landing ft. These finger piers are the property of NAVSTA Pearl Harbor and are designated S-15,16,17,18 and wharf 19 on the attached drawing.

**TYCOM NOTE: NO DRAWING WAS PROVIDED WITH THE HARD COPY SUBMISSION OF THIS DATA CALL. THIS DRAWING WAS PROVIDED IN BRAC DATA CALL SIX SUBMISSION.**

13.9 What is the average pier loading in ships per day due to visiting ships at your facility/piers or wharves under your cognizance? Indicate if this varies significantly by season.

- Less than (1).

- During the Fall of each year Japanese (JMSDF) ships visit and pier loading increases significantly.

13.10 Given no funding or manning limits, what modifications or improvements would you make to the waterfront infrastructure to increase the cold iron ship berthing capability of your installation/under your cognizance. Provide a description, cost estimates, and additional capability gained.

- Current MILCON projects that will improve our waterfront infrastructure include the following:

- P-097 (FY-96) RECONSTRUCT PIER S8/S9 \$22.3M
- P-123 (FY-97) RECONSTRUCT WHARVES S10-12 \$25.5M
- P-150 (FY-98) RECONSTRUCT WHARVES S13-14 \$16.0M
- P-134 (FY-98) CHANNEL DREDGING \$20.0M
- P-133 (FY-99) DRYDOCK PIER/DREDGE \$32.1M
- P-137 (FY-99) RECONSTRUCT WHARF S21 \$28.0M
- P-131 (FY-99) WATERFRONT CIA FENCE \$1.9M
- P-105 (FY-99) WATERFRONT LIGHTS \$1.8M
- P-124 (FY-01) RECONSTRUCT WHARVES S1A/B \$43.1M
- P-132 (UNPROGRAMMED) RECONSTRUCT WHARF S20 \$26.0M

**TYCOM NOTE: P-097 IS CURRENTLY PROGRAMMED IN FY96. P-123 HAS SLIPPED TO FY98 AS A RESULT OF FEB 94 CNO SFPB. ALL OTHER OUTYEAR MILCON IS REFLECTED IN THE YEAR IT APPEARS ON THE LATEST RAD IX WITH THE EXCEPTION OF P-105, P-124, AND P-132 WHICH ARE UNPROGRAMMED.**

Additionally, the following actions might be considered:

- Construct facilities to support two (2) 1600 amp service mounts and associated equipment, estimated at \$4M ... this would provide berthing for two (2) additional submarines.

- Transfer adjacent piers from Naval Station, Pearl Harbor and/or from Fleet Industrial Supply Center, Pearl Harbor to SUBASE, refurbishment estimated at \$8M ... this would provide berthing for four (4) additional submarines.

**TYCOM NOTE: IF THE REGIONAL MAINTENANCE CONCEPT IS FORMALIZED AND THE SUBASE IMA TAKES ADDITIONAL WORK FOR SURFACE SHIPS, THE REASSIGNMENT OF FISC WHARVES K-3 THROUGH K-5 WOULD PROVIDE ADDITIONAL BERTHING FOR SURFACE SHIPS ADJACENT TO THE NEW SUBASE IMA COMPLEX.**

13.11 Describe any unique limits or enhancements on the berthing of ships at specific piers or wharves under your cognizance.

- NAVFAC P-80 limitations (as discussed above), crane capacity and SIA.

**TYCOM NOTE: IN ADDITION TO THE LIMITED MOORING SPACE AVAILABLE TO BERTH SSNs IAW NAVFAC P-80 CRITERIA, THE STRUCTURAL CAPACITY OF THE EXISTING PIERS/WHARVES HAS DETERIORATED WELL BELOW WHAT IS REQUIRED TO PROVIDE COMPLETE IMA SUPPORT INPORT SNNs. THE MILCON PROJECTS LISTED IN 13.10 ABOVE ARE DESIGNED TO CORRECT THIS DEFICIENCY.**

**14. Regional Maintenance Concept**

14.1 If applicable, describe your activity's role, relationships, and functions under the Regional Maintenance Concept (RMC). Based on your current workload mix and capabilities, provide details on anticipated annual throughput associated with the RMC (workload transfers both in and away from your activity). For gained workload, report only workload projected in addition to workload identified previously in this Data Call. Utilize the applicable Joint Cross Service Group-Depot Maintenance Commodities Group List (provided at the beginning of this Data Call) as a baseline for grouping workload. Add additional categories/commodity areas as required. Provide your answer by Units Throughput (as applicable) and Direct Labor Man Hours in the tables below. Identify the activity from which or into which the workload is expected to transfer in the last column.

The current Regional Maintenance Concept (RMC) in Pearl Harbor proposes the consolidation of the SUBASE IMA with SIMA. Currently only planning and "minimal" trial efforts are underway. For FY 95, we anticipate that the workload shift will consolidate the following:

Shop 17A (Sheetmetal) work performed by SUBASE

Shop 35A (Optical) work performed by SUBASE

Shop 67M (2M/ATE) work performed by SUBASE

Shop 31C (Governor/Injector) work performed by SIMA

Currently, the above listed shops are planned for consolidation next year. Further consolidations are being considered, but no tasking has been made, nor has any "programming" of assets been conveyed to SUBASE.

Table 14.1.: Workload Transfers Resulting from RMC

| Commodity Group | Workload (K DLMHs)   |         |         |         |         |         |         | Losing/<br>Gaining<br>Activity |
|-----------------|----------------------|---------|---------|---------|---------|---------|---------|--------------------------------|
|                 | FY 1995 <sup>1</sup> | FY 1996 | FY 1997 | FY 1998 | FY 1999 | FY 2000 | FY 2001 |                                |
| 11 (17A)        | 3621                 | *       | *       | *       | *       | *       | *       | SUBASE/SIMA                    |
| 7 (35A)         | 1219                 | *       | *       | *       | *       | *       | *       | SUBASE/SIMA                    |
| 7 (67M)         | 505                  | *       | *       | *       | *       | *       | *       | SUBASE/SIMA                    |
| 11 (31C&E)      | (9276)               | *       | *       | *       | *       | *       | *       | SIMA/SUBASE                    |
| Total:          | (3931)               | *       | *       | *       | *       | *       | *       | SIMA/SUBASE                    |

\* Unable to predict, due to uncertainty about future consolidation plans. SUBASE has received no "official" notification of any "programming" action to shift workload.

<sup>1</sup>DLMH derived from actual data over a 13 month period (1 MAR 93 - 31 MAR 93) AND AVERAGED FOR A TWELVE MONTH PERIOD.

**15. Training Facilities**

15.1 Identify the student throughput capacity in the Table below for all training facilities aboard your activity, by Category Code Number (CCN). Identify all facilities used for training, including 171-xx and 179-xx CCNs. Following the table, describe how the reported Student Hours per Year maximum capability was derived. Personnel Capacity (PN) reports the total number of seats available for students in spaces used instruction based on the current configuration and use of the facilities.

*EX: If you have 10 classrooms of the CCN 171-10 academic classroom training facility type, each with a capacity of 25 students per room, the design capacity for that line entry would be 250. If these classrooms are available 8 hours a day for 300 days a year, the maximum capability would be 600,000 student hours per year.*

*Note: Question number 15 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.*

**TYCOM NOTE: TABLES 15.1/15.2 INFORMATION WAS ALSO SUBMITTED IN RESPONSE TO QUESTION NUMBER 23.a IN DATA CALL SIX. NSTC-PAC IS A TENANT TO SUBASE PEARL HARBOR (UIC 00314) AND IS NOT A TENANT TO SUBASE PEARL HARBOR REPAIR DEPARTMENT (UIC 68637). THEREFORE, IT IS THE OPINION OF THE TYCOM THAT THE DATA IN TABLES 15.1/15.2 BE DELETED BECAUSE THERE IS NO HOST/TENANT RELATIONSHIP BETWEEN THE REPAIR DEPARTMENT AND NSTC-PAC.**

Table 15.1: Training Facilities Design Capacities

Table 23.1

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

<sup>1</sup>Personnel 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)<sup>1</sup>, student hours per year is based upon 250 training days per year vice 300 used in the example.

**15. Training Facilities, continued**

15.2 Identify the number of hours per year of classroom time required for each course of instruction taught at formal schools at your activity, by Category Code Number (CCN). Do not include requirements for maintaining unit readiness, GMT, sexual harassment training, etc. Do include all applicable 171-XX and 179-xx CCNs. Identify each course by the Course Identification Number (CIN). In column A, report the total number of student throughput experienced/programmed for that year; in column B, report the number of hours each student spends in this training facility; in column C, report the product of A x B (i.e. total student-hours required for the requested year).

Table 15.2: **Instruction Support Requirements**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/THR Y (15 CRS) | A-130-0020 SSSA             | 49                   | 160 | 7840      | 0<br>PC<br>9/9<br>5              | 160 | 0         |
|                           |                               | A-130-0254 BQQ-5 SON SUPERV | 38                   | 104 | 3952      | 0<br>PC<br>9/9<br>5              | 104 | 0         |
|                           |                               | A-130-0320 AN/BQQ-5C ADV OP | 36                   | 117 | 4212      | 0                                | 117 | 0         |
|                           |                               | F-000-0061 SCTT             | 115<br>0             | 7   | 8050      | 186<br>4                         | 7   | 1304<br>8 |
|                           |                               | L-00-0016 CCS MK1 ATC       | 516<br>8             | 4   | 2067<br>2 | 556<br>5                         | 4   | 2226<br>0 |
|                           |                               | 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<br>GEO<br>PLOTTER/EVAL    | 43       | 40  | 1720      | 53                  | 40  | 2120      |
|                      |   | L-000-0067<br>TB PLOT                | 15       | 40  | 600       | 35                  | 40  | 1400      |
|                      |   | L-150-0002<br>AN/UYK-7<br>DIAG MA    | 55       | 200 | 1100<br>0 | 0<br>PC<br>9/9<br>5 | 200 | 0         |
|                      |   | L-210-0015<br>BQQ-5 SER TM<br>TR     | 143<br>6 | 4   | 5744      | 780                 | 4   | 3120      |
|                      |   | L-772-0018<br>PILOT TEAM<br>TRAIN    | 515      | 4   | 2060      | 172                 | 4   | 688       |
|                      |   | L-2E-0010<br>PROS SUB CO             | 0        | 648 | 0         | 40                  | 648 | 2592<br>0 |
|                      |   | L-210-0023<br>CCS MK1/BQQ5<br>T/T    | 615<br>3 | 4   | 2461<br>2 | 418<br>0            | 4   | 1672<br>0 |
|                      |   |                                      |          |     |           |                     |     |           |
|                      |   | TOTAL # HRS<br>INST FOR<br>BLDG 1262 |          |     | 9266<br>6 |                     |     | 8747<br>6 |
|                      |   |                                      |          |     |           |                     |     |           |
| 171-20/BLDG<br>1262A | APPL<br>INST<br>LAB/THR<br>Y<br>(16<br>CRS) | A-061-0020<br>PILOT ADV<br>NAV       | 16       | 28  | 448       | 16                  | 28  | 448       |
|                      |   | A-061-0021<br>VOY PLAN ADV<br>NAV    | 17       | 28  | 476       | 16                  | 28  | 448       |
|                      |   | A-061-0022<br>CELEST ADV<br>NAV      | 19       | 40  | 760       | 16                  | 40  | 640       |
|                      |   | A-130-0020<br>SSSA                   | 49       | 160 | 7840      | 0<br>PC<br>9/9<br>5 | 160 | 0         |
|                      |   | A-130-0236<br>NSDTC CMB<br>MAINT     | 21       | 24  | 504       | 16                  | 24  | 384       |

|  |  |                                       |     |     |           |                     |     |           |
|--|--|---------------------------------------|-----|-----|-----------|---------------------|-----|-----------|
|  |  | A-130-0251<br>ENL SON PRIN            | 41  | 72  | 2952      | 6                   | 72  | 432       |
|  |  | A-130-0254<br>BQQ-5 SON<br>SUPERV     | 38  | 104 | 3952      | 0<br>PC<br>9/9<br>5 | 104 | 0         |
|  |  | A-130-0290<br>BQH-5V4 CMB<br>MA       | 24  | 160 | 3840      | 0<br>PC<br>9/9<br>5 | 160 | 0         |
|  |  | A-130-0319<br>ACOUST<br>ANALYSIS      | 52  | 80  | 4160      | 0<br>PC<br>9/9<br>5 | 80  | 0         |
|  |  | A-130-0320<br>AN/BQQ-5C<br>ADV OP     | 36  | 117 | 4212      | 0                   | 117 | 0         |
|  |  | L-130-0021<br>JMSDF<br>SUBSONPRIN     | 18  | 240 | 4320      | 1                   | 240 | 240       |
|  |  | L-130-0331<br>SENIOR<br>SONAR/LPO     | 4   | 40  | 160       | 0                   | 40  | 0         |
|  |  | L-00-0017<br>POSTOVER REF<br>TRA      | 237 | 4   | 948       | 420                 | 4   | 1680      |
|  |  | L-00-0018<br>SUB TRA<br>B/DEPLOY      | 511 | 4   | 2044      | 420                 | 4   | 1680      |
|  |  | L-2E-0010<br>PROS SUB CO              | 0   | 648 | 0         | 40                  | 648 | 2592<br>0 |
|  |  | L-2E-0032<br>ARTIC OPS                | 25  | 24  | 600       | 200                 | 24  | 4800      |
|  |  |                                       |     |     |           |                     |     |           |
|  |  | TOTAL # HRS<br>INST FOR<br>BLDG 1262A |     |     | 3721<br>6 |                     |     | 3667<br>2 |
|  |  |                                       |     |     |           |                     |     |           |

|                                      |  |                                    |    |     |            |    |     |            |
|--------------------------------------|--|------------------------------------|----|-----|------------|----|-----|------------|
| 171-20/BLDG<br>1378                  | APPL<br>INSTR<br>LAB/THR<br>Y<br>(11<br>CRS) | A-100-0069<br>DIG<br>CMPTR/MICROP  | 16 | 80  | 1280       | 38 | 80  | 3040       |
|                                      |  | A-102-0127<br>BRD-7 CMB MA         | 24 | 520 | 1248<br>0  | 30 | 520 | 1560<br>0  |
|                                      |  | A-102-0157<br>TYPE 18 CMB<br>MA    | 7  | 120 | 840        | 9  | 120 | 1080       |
|                                      |  | A-233-0027<br>WLR-8(V) BAS<br>OP   | 23 | 80  | 1840       | 25 | 80  | 2000       |
|                                      |  | A-233-0028<br>BRD-7 BAS OP         | 12 | 36  | 432        | 22 | 36  | 792        |
|                                      |  | A-233-0040<br>WLR-8(V) 2<br>CMB MA | 21 | 560 | 1176<br>0  | 20 | 560 | 1120<br>0  |
|                                      |  | A-233-0051<br>WLQ-4 DSE BA<br>OP   | 42 | 153 | 6426       | 25 | 153 | 3825       |
|                                      |  | A-233-0053<br>Q4 DSE<br>PREDEPOY   | 24 | 56  | 1344       | 44 | 56  | 2464       |
|                                      |  | A-233-0058<br>AN/WLR-8 OP<br>EMPL  | 18 | 40  | 720        | 48 | 40  | 1920       |
|                                      |  | A-233-0059<br>AN/WLQ-4<br>OP/EMPL  | 11 | 40  | 440        | 14 | 40  | 560        |
|                                      |  | A-400-0010<br>PERIS PHOTO          | 48 | 80  | 3840       | 66 | 80  | 5280       |
|                                      |  |                                    |    |     |            |    |     |            |
| TOTAL # HRS<br>INST FOR<br>BLDG 1378 |  |                                    |    |     | 4140<br>2  |    |     | 4776<br>1  |
|                                      |  |                                    |    |     |            |    |     |            |
|                                      |  |                                    |    |     |            |    |     |            |
| TOTAL # HRS<br>INST FOR<br>ALL BLDGS |  |                                    |    |     | 1712<br>84 |    |     | 1719<br>09 |

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.**

**16. Other Issues**

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

**TYCOM NOTE: THERE ARE NO ENVIRONMENTAL, LEGAL OR OTHER FACTORS THAT WOULD INHIBIT FURTHER INCREASE IN PRODUCTIVE WORK CAPACITY.**

## ACTIVITY LISTING:

| Type | TITLE   | Location                             |
|------|---|--------------------------------------|
| TRF  | TRIDENT Refit Facility Bangor   | Bangor WA                            |
| SIMA | Shore Intermediate Maintenance Activity, Naval Reserve Maintenance Facility Puget Sound | Everrett, WA<br>[includes Bremerton] |
| SIMA | Shore Intermediate Maintenance Activity, Naval Reserve Maintenance Facility Ingleside   | Ingleside TX                         |
| TRF  | TRIDENT Refit Facility Kings Bay  | Kings Bay GA                         |
| SIMA | Shore Intermediate Maintenance Activity Little Creek                                    | Little Creek VA                      |
| SIMA | Shore Intermediate Maintenance Activity Mayport   | Mayport FL                           |
| NSSF | Naval Submarine Support Facility New London   | New London CT                        |
| SIMA | Shore Intermediate Maintenance Activity Norfolk   | Norfolk VA                           |
| SIMA | Shore Intermediate Maintenance Activity Pascagoula                                      | Pascagoula MS                        |
| SIMA | Shore Intermediate Maintenance Activity Pearl Harbor                                    | Pearl Harbor HI                      |
| SIMA | Submarine Base Pearl Harbor / Repair Department   | Pearl Harbor HI                      |
| SIMA | Shore Intermediate Maintenance Activity Portsmouth                                      | Portsmouth VA                        |
| SIMA | Shore Intermediate Maintenance Activity San Diego                                       | San Diego CA                         |

BRAC-95 CERTIFICATION DATA CALL EIGHTEEN

SIMA 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)

*R. J. Kelly*  
Signature

Commander In Chief  
Title

27 JUNE 1994  
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)

*W. Earner*  
Signature

\_\_\_\_\_  
Title

7/19/94  
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)

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)

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."

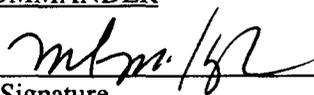
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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, USN  
NAME (Please type or print)

  
Signature

Commanding Officer  
Title

26 May 1994  
Date

Naval Submarine Base  
Activity

153  
Sema Pearl

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.

**TYCOM NOTE: THE FOLLOWING BRAC DATA CALL NUMBER ONE FOR SUBASE PEARL HARBOR IMA (UIC N39290), A DEPARTMENT OF SUBASE PEARL HARBOR (UIC N00314), IS BEING SUBMITTED AS DIRECTED BY OPNAV N44 DIVISION. THE PERSONNEL NUMBERS SHOWN IN THIS DATA CALL SUBMISSION WERE PREVIOUSLY CAPTURED IN SUBASE PEARL HARBOR (UIC N00314) BRAC DATA CALL NUMBER ONE SUBMITTED ON 31 JAN 94 AND THEREFORE ARE A SUBSET OF AND ARE NOT IN ADDITION TO THOSE PERSONNEL NUMBERS.**

**TYCOM NOTE: AS NOTED ABOVE, SUBASE PEARL HARBOR IMA (UIC N39290) IS CURRENTLY A DEPARTMENT OF SUBASE PEARL HARBOR (UIC N00314). HOWEVER, COMSUBPAC LTR 5450 SER 1111/001919 DTD 07 APR 94 FORWARDED FOR APPROVAL A PROPOSAL TO SEPARATE THE SUBASE PEARL HARBOR IMA INTO A SEPARATE ENTITY CALLED "NAVAL INTERMEDIATE MAINTENANCE FACILITY, PEARL HARBOR (IMF PH)" PARALLELING THE NAVAL SUBMARINE SUPPORT FACILITY, NEW LONDON, CT IN MISSION AND SCOPE. THE CURRENT ACTIVITY MANPOWER DOCUMENT FOR SUBASE PEARL HARBOR (UIC N00314) IDENTIFIES 13 SUB-COMPONENTS. IF THE PROPOSED REALIGNMENT IS APPROVED, 11 OF THE 13 SUB-COMPONENTS WILL BE TRANSFERRED FROM SUBASE PEARL HARBOR TO IMF PH. IN THAT THIS PROPOSAL HAS NOT BEEN APPROVED, THIS DATA CALL DOES NOT INCLUDE ANY OF THESE SUB-COMPONENTS AND ONLY ADDRESSES THE MISSION, FUNCTIONS AND ENDSTRENGTHS OF SUBASE IMA (UIC N39290) AS IT CURRENTLY EXISTS.**

## 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                     | <i>Naval Submarine Base, Pearl Harbor, HI<br/>Maintenance and Support</i> |
| Acronym(s) used in correspondence | <i>SUBASE Pearl Harbor MAINT &amp; SUP</i>                                |
| Commonly accepted short title(s)  | <i>SUBASE (Repair), SUBASE (IMA),<br/>SUBASE (Code 70)</i>                |

- Complete Mailing Address

*Naval Submarine Base, Pearl Harbor, Hawaii, 96860-6500  
Code 70, Repair Department*

- PLAD

*SUBASE PEARL HARBOR HI//70//*

Note: The Repair Department is a department of SUBASE, Pearl Harbor and does not maintain a separate PLAD.

## TYCOM NOTE: DEPARTMENT CODE ADDED TO PLAD BY TYCOM

- PRIMARY UIC: N39290 (Plant Account UIC for Plant Account Holders)

Note: All Plant Account for N39290 is maintained under the SUBASE UIC of N00314

- ALL OTHER UIC(s): N/A PURPOSE: \_\_\_\_\_

## 2. PLANT ACCOUNT HOLDER:

- Yes \_\_\_\_\_ No X (check one)

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 \_\_\_\_\_ No   X   (check one)

Note: The Repair Department is a department of SUBASE, Pearl Harbor and is not considered a host command, although an integral part of the host command.

• **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   X   No \_\_\_\_\_ (check one)  
 • Primary Host (current) UIC:   N00314    
 • Primary Host (as of 01 Oct 1995) UIC:   N00314    
 • Primary Host (as of 01 Oct 2001) UIC:   N00314

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

- Yes \_\_\_\_\_ No   X   (check one)

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

| Name | Location | UIC |
|------|----------|-----|
| N/A  | N/A      | N/A |

**TYCOM NOTE: THE SUBASE PEARL HARBOR IMA DOES NOT HAVE ANY SPECIAL AREAS LOCATED OUTSIDE THE MAIN COMPLEX.**

Activity: N39290

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  | N/A | N/A      | N/A       | N/A      |

**TYCOM NOTE: SUBASE PEARL HARBOR IMA DOES NOT HAVE ANY DETACHMENTS.**

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 repair services and support for 19 homeported 688, 640, and 637 Class submarines.
- Provide repair and support services for foreign flag submarines.
- Maintain small boats and utility craft in support of submarine operations and inter-service training exercises.
- 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 Dry Dock Shelter (DDS) backfits.

Projected Missions for FY 2001

**TYCOM NOTE: RECOMMEND DELETE THE FOLLOWING STATION NOTE IN ITS ENTIRETY AND SUBSTITUTE WITH TYCOM NOTE PROVIDED AT THE END OF THIS SECTION.**

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

- The scope of the mission and functions of SUBASE, Repair Department 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.

**TYCOM NOTE: THERE ARE SEVERAL INITIATIVES CURRENTLY UNDER REVIEW WHICH MAY CHANGE THE SCOPE OF THE MISSION AND FUNCTIONS OF SUBBASE PEARL HARBOR IMA. THEY ARE:**

- ESTABLISH NAVAL INTERMEDIATE MAINTENANCE FACILITY PEARL HARBOR

COMSUBPAC LTR 5450 SER 1111/001919 DTD 07 APR 94 FORWARDED FOR APPROVAL A PROPOSAL TO SEPARATE THE SUBBASE PEARL HARBOR IMA INTO A SEPARATE ENTITY CALLED "NAVAL INTERMEDIATE MAINTENANCE FACILITY, PEARL HARBOR (IMF PH)" PARALLELING THE NAVAL SUBMARINE SUPPORT FACILITY, NEW LONDON, CT IN MISSION AND SCOPE. IF THIS IS APPROVED, IN ADDITION TO PERFORMING THE CURRENT MISSION OF SUBBASE PEARL HARBOR IMA, IMF PH WILL ALSO ASSUME RESPONSIBILITY FOR MAINTAINING SUBMARINE TORPEDOES IN A HIGH DEGREE OF READINESS TO SUPPORT OPERATIONS OF THE SUBMARINE FORCE. THIS RESPONSIBILITY WILL BE CARRIED OUT BY SUBBASE PEARL HARBOR WEAPONS IMA (UIC 44944) WHO WILL BECOME A SUB-COMPONENT OF THE IMF PH.

- CONSOLIDATE SUBBASE IMA WITH PEARL HARBOR SIMA

A MAINTENANCE QMB IS CURRENTLY STUDYING THE POTENTIAL CONSOLIDATION OF SUBBASE IMA AND SIMA PEARL HARBOR. IF THIS PROPOSAL IS APPROVED, SIMA PEARL HARBOR WILL BECOME A DEPARTMENT OF IMF PH AND THE MISSION AND SCOPE OF IMF PH WILL BE EXPANDED TO INCLUDE SURFACE SHIP MAINTENANCE AND REPAIR. PERSONNEL AND FACILITY ASSETS FROM BOTH ACTIVITIES WOULD FALL UNDER IMF PH.

- REALIGN PACFLT SSN HOMEPORTING

THE OUTYEAR DECOMMISSIONING OF TWO PACFLT TENDERS COMBINED WITH REDUCED BOS FUNDING IN THE FYDP HAS MANDATED A REVIEW OF THE PACFLT SSN HOMEPORTING PLAN TO REDUCE OPERATING COSTS. AFTER EXTENSIVE REVIEW, TWO PROPOSALS ARE CURRENTLY UNDER FURTHER STUDY. THEY ARE SINGLE SITE ALL PACFLT SSNs IN PEARL HARBOR, OR SINGLE SITE ALL SSNs IN PEARL HARBOR WHILE MAINTAINING A CADRE OF 4 TO 6 SSNs IN SAN DIEGO. ALTHOUGH ANY CHANGE IN THE SSN HOMEPORTING PLAN FOR PACFLT WOULD NOT CHANGE THE MISSION AND FUNCTIONS OF THE SUBBASE PEARL HARBOR IMA, IT WILL HAVE AN IMPACT ON THE PROJECTED WORKLOAD. THE IMPACTS ON THE PROJECTED SUBBASE PEARL HARBOR IMA WORKLOAD ARE QUANTIFIED BELOW. NOTE THAT THE NUMBERS OF SSNs REPORTED BELOW IS THE MAXIMUM NUMBER OF SSNs HOMEPORTED DURING THE NOTED FY AND WILL NOT COINCIDE WITH BRAC DATA CALL 6 WHICH REPORTED THE NUMBER OF SSNs HOMEPORTED AT THE END OF THE EACH FY.

-- SINGLE SITE ALL SSNs IN PEARL HARBOR: CURRENT WORKLOAD OF PROVIDING REPAIR SERVICES AND SUPPORT FOR 19 HOMEPORTED 637, 640 AND 688 CLASS SSNs WILL INCREASE TO PROVIDING REPAIR SERVICES AND SUPPORT TO 22 HOMEPORTED SSNs IN FY96, 23 SSNs IN FY97, 28 SSNs IN FY98, 23 SSNs IN FY99, AND ACHIEVING STEADYSTATE IN FY01 WITH 25 SSNs (ALL 688 CLASS) HOMEPORTED AT PEARL HARBOR.

-- SINGLE SITE ALL SSNs IN PEARL HARBOR WHILE MAINTAINING A CADRE OF 4-6 SSNs IN SAN DIEGO: CURRENT WORKLOAD OF PROVIDING REPAIR SERVICES AND SUPPORT FOR 19 HOMEPORTED 637, 640 AND 688 CLASS SSNs WILL INCREASE TO PROVIDING REPAIR AND SUPPORT TO 22 HOMEPORTED SSNs IN FY96, 23 SSNs IN FY97, 24 SSNs IN FY98, 24 SSNs IN FY99, AND ACHIEVING STEADYSTATE IN FY01 WITH 20 SSNs (ALL 688 CLASS) HOMEPORTED AT PEARL HARBOR.

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.

**TYCOM NOTE: SUBASE PEARL HARBOR IMA ALSO PERFORMS ALL MAINTENANCE AND REFITS OF SPECIAL OPERATION SSN DRY DOCK SHELTERS UTILIZED BY PACFLT SSNs.**

Projected Unique Missions for FY 2001

- Resin discharges: The number of resin discharges will be directly related to the number of homeported submarines.

**TYCOM NOTE: SUBASE PEARL HARBOR IMA WILL PERFORM RESIN DISCHARGES FOR "ALL" PACIFIC HOMEPORTED SSNs IN FY01.**

- 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.

**TYCOM NOTE: THE ABOVE PROJECTED UNIQUE MISSIONS ARE IN ADDITION TO THE CURRENT UNIQUE MISSIONS.**

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> |

Activity: N39290

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>25</u>  | <u>1,114</u> | <u>51</u>  |
| • Tenants (total)   | <u>N/A</u> | <u>N/A</u>   | <u>N/A</u> |

Authorized Positions as of 30 September 1994

|                     | Officers   | Enlisted       | Civilian   |
|---------------------|------------|----------------|------------|
| • Reporting Command | <u>22</u>  | <u>768/773</u> | <u>57</u>  |
| • Tenants (total)   | <u>N/A</u> | <u>N/A</u>     | <u>N/A</u> |

TYCOM NOTE: AS DISCUSSED WITH SUBBASE PEARL HARBOR ON 23 JUN 94, ENLISTED AUTHORIZED POSITIONS CHANGED TO INCLUDE FIVE (5) MILITARY SUBSTITUTION AUTHORIZATIONS.

TYCOM NOTE: NOTE THAT THE ON BOARD COUNT AND AUTHORIZED POSITIONS SHOWN ABOVE FOR UIC N39290 ARE ALSO INCLUDED IN THE NUMBERS REPORTED FOR SUBBASE PEARL HARBOR (UIC N00314) IN BRAC DATA CALL NUMBER ONE DATED 31 JAN 94.

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<br><u>CAPT Michael L. McHugh</u>             | (808) 471-0702 | (808) 471-2752 | (808) 422-6264<br>(Unlisted) |
| • | Duty Officer  | (808) 471-2770 | (808) 471-2765 | [ N/A ]                      |
| • | Executive Officer<br><u>CDR Eugene M. DuCom</u>                 | (808) 471-9962 | (808) 471-2752 | (808) 455-4622               |
| • | BRAC-95 Project Officer/Comptroller<br><u>CDR John O. Haima</u> | (808) 471-9049 | (808) 471-2706 | (808) 456-9347<br>(Unlisted) |
| • | Alternate BRAC-95 Project Officer/SCE<br><u>LT Jeff S. Hoel</u> | (808) 474-6509 | (808) 471-2969 | (808) 839-9045               |

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 |
|---------------------|-----|---------|----------|----------|
| N/A                 | N/A | N/A     | N/A      | N/A      |

- Tenants residing on main complex (homeported units.)

| Tenant Command Name | UIC | Officer | Enlisted | Civilian |
|---------------------|-----|---------|----------|----------|
| N/A                 | N/A | N/A     | N/A      | N/A      |

- 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                 | N/A | N/A      | N/A     | N/A      | N/A      |

- Tenants (Other than those identified previously)

| Tenant Command Name | UIC | Location | Officer | Enlisted | Civilian |
|---------------------|-----|----------|---------|----------|----------|
| N/A                 | N/A | N/A      | N/A     | N/A      | N/A      |

TYCOM NOTE: SUBASE PEARL HARBOR IMA (UIC N39290) IS A DEPARTMENT OF SUBASE PEARL HARBOR (UIC N00314) AND AS SUCH DOES NOT HAVE ANY TENANTS. ALL TENANTS FOR SUBASE PEARL HARBOR (UIC N00314) ARE LISTED IN SUBASE PEARL HARBOR DATA CALL NUMBER ONE DATE 31 JAN 94.

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.) |
|------------------------------------|-------------------------|--|
| <i>Pearl Harbor Naval Shipyard</i> | <i>Pearl Harbor, Hi</i> | <i>Provide Liquid Nitrogen.</i>                              |
| <i>Various Activities</i>          | <i>Pearl Harbor, Hi</i> | <i>Maintenance/Repair ADP equipment.</i>                     |
| <i>Naval Sea Systems Command</i>   | <i>Washington, D.C.</i> | <i>SHIPALT SUPPORT.</i>                                      |
| <i>Various Ships</i>               | <i>Various</i>          | <i>Host repair and support services for foreign ships.</i>   |

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.)

*Previously submitted by SUBASE, Pearl Harbor, UIC: N00314 Data Call #1.*

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

*Previously submitted by SUBASE, Pearl Harbor, UIC: N00314 Data Call #1.*

- 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".)

*Previously submitted by SUBASE, Pearl Harbor, UIC: N00314 Data Call #1.*

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

*Previously submitted by SUBASE, Pearl Harbor, UIC: N00314 Data Call #1.*

BRAC-95 CERTIFICATION DATA CALL ONE

SUBBASE PEARL HARBOR IMA

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)

*R. J. Kelly*  
Signature

Commander In Chief

Title

20 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)

*W. A. Earner*  
Signature

\_\_\_\_\_  
Title

7/30/94  
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

CDR E. M. DUCOM

NAME (Please type or print)

Commanding Officer, Acting

Title

SUBASE, Pearl Harbor

Activity

  
Signature

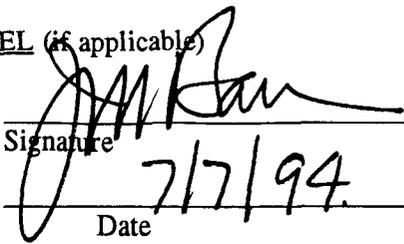
21 June 1994  
Date

Activity: N39290

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)

  
Signature

COMMANDER  
Title

7/7/94  
Date

SUBMARINE FORCE, 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)

\_\_\_\_\_

\_\_\_\_\_

Activity: N39290

NAME (Please type or print)

Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date