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**DATA CALL 64
CONSTRUCTION COST AVOIDANCES**

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

Installation Name:		BANGOR WA TRIDENT REFITFA		
Unit Identification Code (UIC):		N68438		
Major Claimant:		PACFLT		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
1999	051	BOTTLED GAS/POL STRG SHED	MCON	600
1999	060	DRYDOCK STORAGE FACILITY	MCON	1,416
1999	958	NUCLEAR REPAIR FACILITY	MCON	1,700
		Sub-Total - 1999		3,716
2000	058	ELECTRICAL SHOP	MCON	2,670
2000	134	WAREHOUSE	MCON	2,150
2000	174	WATERFRONT SHOPS	MCON	1,508
		Sub-Total - 2000		6,328
2001	909	MARGINAL WHARF UPGRADE	MCON	10,200
		Sub-Total - 2001		10,200
		Grand Total		20,244

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN

NAME (Please type or print)

COMMANDER

Title

NAVAL FACILITIES ENGINEERING COMMAND

Activity



Signature
12/9/94

Date

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

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

W. A. EARNER

NAME (Please type or print)

Title



Signature
12/17/94

Date

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON

NAME (Please type or print)

CDR, CEC, USN

Title



Signature

9 Dec 94

Date

MILCON PROGRAMMING DIVISION

Division

NAVAL FACILITIES ENGINEERING COMMAND

Activity

Document Separator

**DATA CALL 64
CONSTRUCTION COST AVOIDANCES**

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

Installation Name:		BANGOR WA TRIDENT REFITFA		
Unit Identification Code (UIC):		N68438	#157	
Major Claimant:		PACFLT		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
1999	051	BOTTLED GAS/POL STRG SHED	MCON	600
1999	060	DRYDOCK STORAGE FACILITY	MCON	1,416
1999	958	NUCLEAR REPAIR FACILITY	MCON	1,700
		Sub-Total - 1999		3,716
2000	058	ELECTRICAL SHOP	MCON	2,670
2000	134	WAREHOUSE	MCON	2,150
2000	173	HULL COATING FACILITY	MCON	3,918
2000	174	WATERFRONT SHOPS	MCON	1,508
		Sub-Total - 2000		10,246
2001	909	MARGINAL WHARF UPGRADE	MCON	10,200
		Sub-Total - 2001		10,200
		Grand Total		24,162

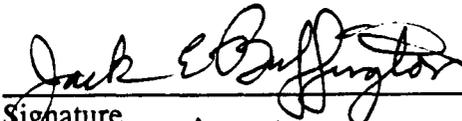
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

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

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
7/13/94
Date

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

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

W. A. EARNER

NAME (Please type or print)

Title


Signature
7/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12 July 1994
Date

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

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

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

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

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

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

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

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

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

• Yes X No (check one)

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

• Yes X No (check one)

- Primary Host (current) UIC: N68436
- Primary Host (as of 01 Oct 1995) UIC: N68436
- Primary Host (as of 01 Oct 2001) UIC: N68436

• **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 - no special areas.		

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 - no 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.

In BRAC 93 (which closed Mare Island Naval Shipyard and Naval Air Station, Alameda), Naval Submarine Base (SUBASE), Bangor was designated as the receiving site for the USS PARCHE (SSN 683) and COMSUBDEVGRU ONE Detachments Mare Island, Sierra and Alameda. USS PARCHE will be homeported at SUBASE, Bangor and provided maintenance and logistic support services by TRIREFFAC, Bangor.

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

- Incremental overhaul of TRIDENT class submarines.
Planned and corrective maintenance
TRIDENT Planned Equipment Replacement (TRIPER) program execution
Alteration programs
Depot level repair for selected items
Replenishment and logistic support
- Upkeep/voyage repairs of other submarines.
Designated by Type Commander (TYCOM)
- Magnetically range and treat all classes of submarines.
- Supply support services for Strategic Weapons Facility Pacific (SWFPAC).
- Intermediate Maintenance Activity (IMA) level of progressive module repairs of electronic circuit boards.
- IMA level of micro-computer repair.
- Refit USS PARCHE because of BRAC 93. (Start FY95)
Routine service for one alongside unit
Corrective maintenance

IMA level planned maintenance
Alterations
Replenishment

Projected Missions for FY 2001

- All the above current missions.

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.

TRIREFAC, Bangor has National Command Authority responsibilities for emergent voyage repairs on TRIDENT submarines while in patrol status.

Current Unique Missions

- Incremental overhaul of TRIDENT submarines on the West coast.
- USS PARCHE support.
- Magnetically range and treat all classes of submarines. The Magnetic Silencing Pier has permanently installed X and Z loop cables (solenoid type system). The solenoid system is a drive-in type which is designed to provide submarines with fast turnaround flash D magnetic treatments.
- Sonar towed array support for all classes of submarines and selected surface crafts on the West coast.

Projected Unique Missions for FY 2001

- All the above current 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>Submarine Squadron Seventeen</u>		<u>N53886</u>
• Funding Source	UIC	
<u>Submarine Force, U.S. Pacific Fleet</u>		<u>N57020</u>

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

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>33</u>	<u>741</u>	<u>1,176</u>
• Tenants (total)	<u>16</u>	<u>85</u>	<u>22</u>

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civ (App)	NON DOD
• Reporting Command	<u>32</u>	<u>636</u>	<u>1,188</u>	
• Tenants (total)	<u>16</u>	<u>68</u>	<u>22</u>	<u>78</u>

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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 CAPT Mario J. Bagaglio, Jr.	(206) 396-4321 ext. 1161	(206) 396-6153	(206) 698-7761
• Duty Officer [N/A]	(206) 396-4321 ext. 1297	(206) 396-7534	
• Executive Officer CDR Marion R. Sisemore	(206) 396-4321 ext. 1176	(206) 396-6153	(206) 876-5741
• Director of Facility Planning Lee Kauk	(206) 396-4321 ext. 1210	(206) 396-6933	(206) 698-4723

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
Submarine Squadron Seventeen	N53886	15	30	0
Performance Monitoring Team	N53994	1	26	0
Naval Submarine Base, Bangor	N68436	0	0	9
Pacific Northwest Submarine Operations Office	N45736	0	12	0
Fleet and Industrial Supply Center Puget Sound	N04406	0	0	11
Defense Publications & Printing Service Detachment Office	N62703	0	0	2

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
N/A - no tenants reside on main complex.				

• 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 - no tenants reside in Special Areas.					

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
Misc. Contractors	N/A	TRIREFAC, Bangor			*78

*NON DOD CIVILIAN

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.)
Naval Undersea Warfare Center (NUWC) Division	Keyport, WA	<p>Mooring/hotel services.</p> <p>Radiation health services.</p> <p>Metallurgical/chemical and evaluation of material coating services.</p> <p>Weight testing services.</p> <p>Misc. industrial services.</p> <p>Mechanism: ISSA</p>

Strategic Weapons Facility Pacific (SWFPAC)	Bangor, WA	Delta crane services. Metallurgical/chemical analysis services. Supply support services. Hazardous material packaging services. Radiation health services. ADP support services. Safety training services. Security support services. Misc. industrial tech. support services. Mechanism: ISSA
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13. REGIONAL SUPPORT: (Continued)

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
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<p>TRIDENT Training Facility (TRITRAFAC)</p>	<p>Bangor, WA</p>	<p>Gas free engineering services.</p> <p>Radiation health services.</p> <p>Chemical analysis services.</p> <p>Classified material destruction services.</p> <p>Supply support backup services.</p> <p>Emergent welder requalifications services.</p> <p>PMS on strategic weapons electronic components.</p> <p>Troubleshoot, repair and install mods on strategic weapons system components as required.</p> <p>Corrective maintenance on equipment.</p> <p>Misc. industrial and electronic support as requested.</p> <p>Mechanism: ISSA</p>
<p>Naval Hospital (NAVHOSP)</p>	<p>Bremerton, WA</p>	<p>Radiation health support services.</p> <p>Mechanism: MOA</p>
<p>Defense Commissary Agency (DECA) Northwest/Pacific Region</p>	<p>Fort Lewis, WA</p>	<p>Submart supply services.</p> <p>Mechanism: ISSA</p>

13. REGIONAL SUPPORT: (Continued)

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
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<p><i>Naval Submarine Base, (SUBASE) Bangor</i></p>	<p><i>Bangor, WA</i></p>	<p><i>Hazardous waste/chemical analysis services.</i></p> <p><i>Submart supply services.</i></p> <p><i>Classified material destruction services.</i></p> <p><i>Crane operator support services (mobile cranes assigned to TRIREFFAC).</i></p> <p><i>Mooring/hotel services.</i></p> <p><i>Gas-free engineering services.</i></p> <p><i>Radcon training.</i></p> <p><i>Small craft repairs.</i></p> <p><i>Misc. industrial services.</i></p> <p><i>Office spaces for HRO.</i></p> <p><i>Utility services.</i></p> <p>Mechanism: ISSA</p>
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13. REGIONAL SUPPORT: (Continued)

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
<p><i>Naval Undersea Warfare Center (NUWC) TRIDENT Detachment</i></p>	<p><i>Bangor, WA</i></p>	<p><i>Shipping and handling support services.</i></p> <p><i>Classified material destruction services.</i></p> <p><i>Preventive maintenance and repairs on typewriters.</i></p> <p>Mechanism: ISSA</p>

Defense Publications & Printing Service Detachment Office (DPPSDO)	Bremerton, WA	Operational space. Mechanism: ISSA
Naval Computer & Telecommunications Station (NAVCOMTELCOMSTA), Puget Sound	Bangor, WA	Supply support services. Classified material destruction services. Preventive and corrective maintenance on typewriters. Mechanism: ISSA

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.)

- 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).)

- 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".)

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

Naval Submarine Base, Bangor is the holder of Class 1 property and they will be providing the maps and photos.

BRAC-95 CERTIFICATION

Activity: TRIREFFAC BANGOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD
NAME (Please type or print)
Commander in Chief
Title

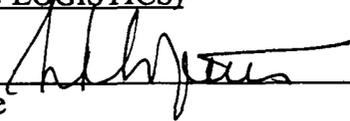

Signature
2/15/94
Date

U. S. Pacific Fleet
Activity (Acting)

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

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

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


Signature
22 FEB 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

M. J. BAGAGLIO, JR., CAPT, USN
NAME (Please type or print)


Signature

COMMANDING OFFICER
Title

1/25/94
Date

TRIDENT REFIT FACILITY, BANGOR
Activity

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

NEXT ECHELON LEVEL

K. V. L. MacNEILL, CAPT, USN

NAME (Please type or print)

Signature

COMMANDER

Title

Date

[Handwritten Signature]
940126

SUBMARINE SQUADRON SEVENTEEN

Activity

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

NEXT ECHELON LEVEL

J. M. BARR, RADM, USN

NAME (Please type or print)

Signature

COMMANDER

Title

Date

[Handwritten Signature]

1 FEB 94

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.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

U.S. PACIFIC FLEET

Activity

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

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

NAME (Please type or print)

Signature

Title

Date

Document Separator

**DATA CALL 63
FAMILY HOUSING DATA**

157

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

Installation Name:	TRIREFAC BANGOR WA
Unit Identification Code (UIC):	N68438
Major Claimant:	CINCPACFLT

Percentage of Military Families Living On-Base:	28 20.3% CW
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget (\$000):	790.4 749.3 CW
Total Number of Officer Housing Units:	5.6 6 CW
Total Number of Enlisted Housing Units:	124.6 125 CW

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377. Lines 7-9, represents the activities' "fair share" of the complex total of the family housing budget and inventory of officer and enlisted units. This data was provided by COMNAVFACENGCOM. This UIC contains 662 personnel entitled to BAQ W/Dependents out of a complex total of 8287 personnel entitled to BAQ W/Dependents. There are 121 activities identified within this complex.

Note: All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

CW 7/13
Chris Ward
7/13/94
NAVFAC 52JCW

Enclosure (1)

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

MAJOR CLAIMANT LEVEL

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


Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER
NAME (Please type or print)


Signature

Title

7/25/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 of 8 Dec 93

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

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

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

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

SOUTHWESTNAVFACENGCOM

THOMAS E. GUNN
Name (Please type or print)


Signature

COMMANDING OFFICER
Title

7/13/94
Date

Document Separator

157

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	TRIDENT Refit Facility, Bangor
UIC:	N68438
Host Activity Name (if response is for a tenant activity):	Naval Submarine Base, Bangor
Host Activity UIC:	N68436

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

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

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).

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

**DATA CALL 66
INSTALLATION RESOURCES**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: TRIDENT Refit Facility, Bangor		UIC: N68438	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	3,183	0	3,183
1b. Minor Construction	892	0	892
1c. Sub-total 1a. and 1b.	4,075	- 0	4,075
2. Other Base Operating Support Costs:			
2a. Utilities	1,431	0	1,431
2b. Transportation	372	0	372
2c. Environmental	322	182	504
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	12	3,000	3,012
2j. Other (Specify)			0
Other Base Support	3,353	1,067	4,420
	2,953	1,467	
Physical Security	7	202	209
2k. Sub-total 2a. through 2j:	5,497	4,451	9,948
	5,097	4,851	
3. Grand Total (sum of 1c. and 2k.):	9,572	4,451	14,023
	9,172	4,851	

TYCOM NOTE: \$400K IN WORKMEN'S COMPENSATION MOVED FROM NON-LABOR TO LABOR COLUMN IN "OTHER BASE SUPPORT" TO MATCH OP-32 BUDGET EXHIBIT AND FOR NON-LABOR COLUMN OF TABLE 1A TO EQUAL

**DATA CALL 66
INSTALLATION RESOURCES**

TOTAL OF TABLE 2 OF THIS DATA CALL. STATION BS-1 EXHIBIT BEING CORRECTED ACCORDINGLY.

TYCOM NOTE: MWR, BQ, CCC, AND FSC PROVIDED BY THE HOST, SUBASE BANGOR, ON A NON-REIMBURSABLE BASIS. ALL FACILITY MAINTENANCE AND REPAIR AND MINOR CONSTRUCTION IS PERFORMED BY THE BOSC CONTRACTOR OR CONTRACTED THROUGH ROICC. THERE ARE NO CIVIL SERVICE CONSTRUCTION AND/OR MAINTENANCE AND REPAIR EMPLOYEES AT TRF BANGOR AND THEREFORE THE LABOR COLUMN FOR LINES 1A AND 1B IS "\$0.00".

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

<u>Appropriation</u>	<u>Amount (\$000)</u>
O&MN	13,319
MPN	704
TOTAL	14,023

**DATA CALL 66
INSTALLATION RESOURCES**

c. **Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 2l., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

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

TRIDENT Refit Facility, Bangor is not a DBOF facility.

TYCOM NOTE: IN THAT TRF BANGOR IS NOT A DBOF ACTIVITY, TABLE 1B HAS BEEN LEFT BLANK IN ITS ENTIRETY.

**DATA CALL 66
INSTALLATION RESOURCES**

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

**DATA CALL 66
INSTALLATION RESOURCES**

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

STATION NOTE: The following costs are Base Operating Support (BOS) Costs only.

Table 2 - Services/Supplies Cost Data	
Activity Name: TRIDENT Refit Facility, Bangor	UIC: N68438
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	22
Material and Supplies (including equipment):	136
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	2
Other Purchases (Contract support, etc.):	9,012
Total:	9,172

**DATA CALL 66
INSTALLATION RESOURCES**

3. Contractor Workyears. STATION NOTE: The following costs are Base Operating Support (BOS) Costs only.

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

Table 3 - Contract Workyears	
Activity Name: TRIDENT Refit Facility, Bangor	UIC: N68438
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	7.2
Facilities Support:	64.8
Mission Support:	0.0
Procurement:	0.0
Other:	0.5
Total Workyears:	72.5

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

Forklift equipment maintenance; audio visual equipment maintenance; and barcode, Lektriever, date stamp equipment maintenance.

TYCOM NOTE: TRF BANGOR MISSION SUPPORT IS FUNDED UNDER IMA AG/SAG 1B/3B. THEREFORE, MISSION SUPPORT CONTRACT WORKYEARS FUNDED BY BOS EQUATES TO "ZERO".

DATA CALL 66
INSTALLATION RESOURCES

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

STATION Assumptions: Gaining activity provides common support, EXISTING buildings are occupied by new tenants.

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)): **7/7.2**

2) Estimated number of workyears which would be eliminated: **0**

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area): **65/65.3**

TYCOM NOTE: PER DISCUSSIONS WITH THE STATION ON 13 JUL 94, THE CONTRACT WORKYEARS IN QUESTION 3B SHOULD HAVE MATCHED THE CONTRACT WORKYEARS IN TABLE 3 OF THIS DATA CALL. CORRECT NUMBERS HAVE BEEN ADDED BY TYCOM IN BOLD.

TYCOM NOTE: AS NOTED IN THE STATION ASSUMPTION ABOVE, IT IS ASSUMED THAT THE FACILITIES CURRENTLY OCCUPIED BY TRF BANGOR WOULD BE UTILIZED BY ANOTHER DOD TENANT IF TRF BANGOR WERE TO RELOCATE. AS SUCH, THE ESTIMATED NUMBER OF CONTRACT WORKYEARS WHICH WOULD REMAIN IN PLACE EQUALS THAT PROVIDED IN TABLE 3 FOR FACILITIES SUPPORT. IF THE FACILITIES ARE VACATED OR TURNED OVER TO A COMMERCIAL BUSINESS, THESE SAME 65.3 CONTRACT WORKYEARS WOULD BE ELIMINATED.

**DATA CALL 66
INSTALLATION RESOURCES**

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

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

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

BRAC-95 CERTIFICATION DATA CALL SIXTY SIX

TRF BANGOR

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

MAJOR CLAIMANT LEVEL

R. J. KELLY

NAME (Please type or print)

Signature

Commander In Chief

Title

Date

U. S. Pacific Fleet

Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

Title

Date

17 AUG 1994

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

M. J. BAGAGLIO, JR., CAPT, USN
NAME (Please type or print)

Signature



COMMANDING OFFICER
Title

Date

8 July 1994

TRIDENT REFIT FACILITY, BANGOR
Activity

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

NEXT ECHELON LEVEL (if applicable)

J. R. HARVEY, CAPT, USN

NAME (Please type or print)

COMMANDER

Title

SUBMARINE SQUADRON SEVENTEEN

Activity

J. R. Harvey
Signature

11 Jul 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

J. M. Barr
Signature

7/15/94
Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

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

NAME (Please type or print)

Title

Signature

Date

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

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

Activity Name:	TRIDENT Refit Facility, Bangor
UIC:	N68438
Major Claimant:	CINCPACFLT

General Instructions/Background:

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

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

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

General Instructions/Background (Continued):

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

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

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

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

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

1. Workforce Data

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

Average Appropriated Fund Civilian Salary Rate:	\$41,274
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Source of Data (1.a. Salary Rate): FY95 Apportionment/FY96/FY97 Civilian Labor Exhibit CP-1
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b. **Location of Residence.** Complete the following table to identify where employees live. Data should reflect current workforce.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
Jefferson	WA	3	190	9.9 9.5	49	58
King	WA	7/8	58	3.3	85	95
Kitsap	WA	743/813	866	82.6 83.1	8	14
Mason	WA	1	41	2.2 2.1	43	60
Pierce	WA	10/11	23	1.7	39	48
Snohomish	WA	3	1	0.2	38	100
Thurston	WA	2	0	0.1	80	90

TYCOM NOTE: CORRECTIONS TO THE ABOVE TABLE WERE SUBMITTED BY THE ACTIVITY ON 22 JUL 94 TO INCLUDE ALL TENANTS WHOSE DATA WAS NOT CAPTURED THROUGH THEIR CHAIN OF COMMAND. CORRECTIONS HAVE BEEN ENTERED IN BOLD BY THE TYCOM

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

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

Naval Submarine Base, Bangor (Kitsap)
Jackson Park (Kitsap)
East Park (Kitsap)
Bainbridge Island (Kitsap)

<p>Source of Data (1.b. 1 & 2 Residence Data): Defense Civilian Personnel Data System (Civilian), Personnel Support Detachment, Bangor (Military)</p>
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DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

City	County	Distance from base (miles)
Seattle	King	26 (by auto and ferry) 85 (by auto via Tacoma)
Tacoma	Pierce	34
Bremerton	Kitsap	13
Everett	Snohomish	38 (via ferry)

Source of Data (i.c. Metro Areas): Puget Sound Regional Master Plan

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	6	.51
20 - 24 Years	21	1.78
25 - 34 Years	123	10.43
35 - 44 Years	464	39.36
45 - 54 Years	474	40.20
55 - 64 Years	88	7.46
65 or Older	3	.26
TOTAL	1,179	100.00

Source of Data (1.d. Age Data): Defense Civilian Personnel Data System

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

e. Education Level of Civilian Workforce

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

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	1	.08
9th through 11th Grade	39	3.31
12th Grade or High School Equivalency	784	66.50
1-3 Years of College	253	21.46
4 Years of College (Bachelors Degree)	73	6.19
5 or More Years of College (Graduate Work)	29	2.46
TOTAL	1,179	100.00

Change
 N01CP-
 CPF
 JUL 94

Change
 N4644-
 CPF
 JUL 94

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	113
Associate Degree	83
Bachelor Degree	73
Masters Degree	13
Doctorate	0

Source of Data (1.e.1 and 2 Education Level Data): Defense Civilian Personnel Data System
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f. Civilian Employment By Industry. Complete the following table to identify by "industry" the type of work performed by civil service employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09	0	0
2. Construction (includes facility maintenance and repair)	15-17	1	.08
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	662	56.16
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
Sub-Total 3a. through 3e.	20-39	662	56.16
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	194	16.45
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	0	0
4g. Utilities	49	0	0
Sub-Total 4a. through 4g.	40-49	194	16.45
5. Services	70-89		
5a. Lodging Services	70	0	0
5b. Personal Services (includes laundry and funeral services)	72	0	0
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	63	5.34
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	6	.51
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	1	.08
5i. Legal Services	81	2	.17
5j. Educational Services	82	11	.93
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	83	7.04

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Industry	SIC Codes	No. of Civilians	% of Civilians
5n. Other Misc. Services	89	45	3.82
Sub-Total 5a. through 5n.:	70-89	211	17.89
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	80	6.79
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	19	1.61
6c. Public Finance	93	8	.68
6d. Environmental Quality and Housing Programs	95	4	.34
Sub-Total 6a. through 6d.		111	9.42
TOTAL		1,179	100.00

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

Source of Data (1.f. Classification By Industry Data): Defense Civilian Personnel Data System
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DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	135	11.45
2. Professional Specialty		
2a. Engineers	32	2.71
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	0	0
2d. Life Scientists	0	0
2e. Physical Scientists	4	.34
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	36	3.05
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	27	2.29
Sub-Total 3a. and 3b.:	27	2.29
4. Administrative Support & Clerical	186	15.78
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	0	0
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	295	25.02
8. Construction Trades	170	14.42

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
9. Production Occupations	178	15.10
10. Transportation & Material Moving	34	2.88
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	118	10.01
TOTAL	1,179	100.00

<p>Source of Data (1.g. Classification By Occupation Data): Defense Civilian Personnel Data System</p>

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

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Bus drivers; material moving equipment operators; rail transportation occupations; truck drivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

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

1. Percentage of Military Employees Who Are Married:	81
2. Percentage of Military Spouses Who Work Outside of the Home:	Not available 59
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	Not available 7
3b. Employed "On-Base" - Non-Appropriated Fund:	Not available 8
3c. Employed "Off-Base" - Federal Employment:	Not available 5
3d. Employed "Off-Base" - Other Than Federal Employment	Not available 80
Source of Data (1.h. Spouse Employment Data): Personnel Support Detachment, Bangor	

TYCOM NOTE: ABOVE TABLE WAS NOT COMPLETED DURING INITIAL SUBMISSION OF THIS DATA CALL. STATION SUBSEQUENTLY CONDUCTED A SURVEY AND SUBMITTED DATA SHOWN IN BOLD BY TYCOM ON 22 JUL 94.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

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

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

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

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

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

None

<p>Source of Data (2.a. 1 & 2 - Local Community Table): Puget Sound Naval Shipyard Business Office and TRIDENT Refit Facility</p>
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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

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

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

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

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

None

Source of Data (2.b. 1 & 2 - Regional Table): Puget Sound Naval Shipyard Business Office and TRIDENT Refit Facility

3. Public Facilities Data:

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

Rental Units: 6.5 - 7%

Units for Sale: 3%

Source of Data (3.a. Off-Base Housing): Sources of data used were the Navy Housing Vacancy Factor Report (a comprehensive vacancy report which calculates vacancy percentages on rental apartments in Kitsap County), market analysis, and multiple listings. Provided by Naval Submarine Base, Bangor Housing.

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

b. Education.

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

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio ³		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current ¹	Max. Capacity ²	Current	Max. Ratio	
Bremerton	Kitsap	7	1	1	6,133	6,620	19.1:1	28.6:1	YES
Central	Kitsap	14	3	2	12,845	11,596 12,845	25:1	25:1	YES
South	Kitsap	10	3	1	10,794	10,445 10,794	26:1	28:1	YES
North	Kitsap	7	2	1	5,980	6,100	26.8:1	27.3:1	YES
Peninsula	Pierce	8	4	3	8,769	8,385 8,769	26:1	28:1	NO
North Mason	Kitsap	2	1	1	2,152	2,146 2,152	26:1	30:1	NO
Bainbridge Island	Kitsap	3	1	1	3,167	2,800 3,167	26.3:1	25.3:1	YES

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

- Note 1. Includes students in alternate schools and the Kitsap Peninsula Vocational Skills Center, neither of which is included in the "number of schools" column.
- Note 2. Based on permanent facilities only. Does not include portable classroom facilities. Space is available to locate additional portables to accommodate increased demand due to expansion.
- Note 3. Pupil to teacher ratios vary from one grade level to another. Data reflects the average ratios for all grades per school district. Maximum ratio based on teacher association contracts.

TYCOM NOTE: IN ORIGINAL SUBMISSION, CURRENT ENROLLMENT EXCEEDED MAXIMUM DESIGN CAPACITY. SUBSEQUENT INVESTIGATION BY STATION IN CONJUNCTION WITH NUWC KEYPORT RESULTED IN MAX CAPACITY BEING CHANGED TO MATCH CURRENT ENROLLMENT TO REFLECT USAGE OF PORTABLE CLASSROOMS TO ACCOMMODATE OVERFLOW.

Source of Data (3.b.1 Education Table): School Districts - Administrators

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

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

No.

Source of Data (3.b.2 On-Base Schools): Not applicable

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

Central Texas College (Puget Sound Naval Shipyard)
Columbia College (Puget Sound Naval Shipyard)
Chapman College
City University
Olympic College
Southern Illinois University (Submarine Base, Bangor)
Lesley College
Seattle Pacific University
Northwest College of Arts
University of Puget Sound
University of Washington/Tacoma
Pierce College
Tacoma Community College
University of Puget Sound Law School
Pacific Lutheran University

Other major college and universities outside the immediate area of activity employees, but within commuting distance include:

University of Washington/Seattle
Seattle University
Seattle Pacific University

TYCOM NOTE: ABOVE LIST IS MORE EXTENSIVE THAN THAT SUBMITTED IN DATA CALL NUMBER 45 BECAUSE THE GEOGRAPHICAL REGION CONSIDERED UNDER THE QUESTION IN THIS DATA CALL IS GREATER THAN THAT USED IN DATA CALL 45.

Source of Data (3.b.3 Colleges): Telephone Books

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

Eton Technical Institute - Health Careers, Medical, Dental, Word Processing
Office Training Center - Telephone Skills, Typing, Word Processing

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

Kitsap Peninsula Vocational Skills Center - Food Services, Auto Mechanics, etc.
 Clover Park Technical College - Variety
 L.H. Bates Technical College - Barbering, Upholstery, Beautician, etc.
 Trans Union Truck Driving School - Semi-truck driving instruction
 Western Truck School - Semi-truck driving instruction
 Business Computer Training Institute
 Griffin College - Business courses
 Puget Sound Naval Shipyard Apprentice School - Electronic/electrical, structural, machinist,
 and service utilities related trades.

TYCOM NOTE: ABOVE LIST IS MORE EXTENSIVE THAN THAT SUBMITTED IN DATA CALL NUMBER 45 BECAUSE THE GEOGRAPHICAL REGION CONSIDERED UNDER THE QUESTION IN THIS DATA CALL IS GREATER THAN THAT USED IN DATA CALL 45.

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

c. Transportation.

1) Is the activity served by public transportation?

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

Source of Data (3.c.1 Transportation): Naval Submarine Base, Bangor Community Development Division

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

- a. Tacoma Amtrak passenger station - approximately 45 miles by automobile.
- b. Seattle Amtrak passenger station - approximately 26 miles by auto with a 35 minute ferry crossing from Bainbridge Island to Seattle.

Source of Data (3.c.2 Transportation): Naval Submarine Base, Bangor Community Development Division

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

a. Seattle-Tacoma International Airport - approximately 65 miles by highway or 30 miles by highway and a 35 minute ferry crossing from Bainbridge Island to Seattle.

Source of Data (3.c.3 Transportation): Naval Submarine Base, Bangor Community Development Division

4) How many carriers are available at this airport?

24 scheduled carriers
9 charter carriers
15 cargo only carriers

Source of Data (3.c.4 Transportation): Port of Seattle Planning Office

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

a. Interstate 5 - 40 miles (Tacoma, WA)

Source of Data (3.c.5 Transportation): Naval Submarine Base, Bangor Community Development Division

6) Access to Base:

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

Primary access to the Bangor complex is by State Route 3, which is a four lane freeway. Other roads providing access to the base are Clear Creek Road, which is a two lane county road, and Trigger Avenue, which provides access to the south end of the base off State Route 3.

b) Do access roads transit residential neighborhoods?

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Clear Creek Road transits residential neighborhood roads. The other two roads do not.

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

Expansion of the access road system would be difficult since most of the property in the vicinity of the base is owned by private parties. The existing stretch of State Route 3 required numerous condemnation actions and was highly controversial.

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

The Hood Canal floating bridge, about 17 miles north of the base, is occasionally closed because of inclement weather and ships which pass through it. No other barriers are within 40 miles of the base.

<p>Source of Data (3.c.6 Transportation): Kitsap County Highway Department and Subbase Bangor Community Development Division</p>

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

Fire protection: Naval Submarine Base, Bangor has formal mutual fire aid agreements with the city of Poulsbo, Kitsap County Fire District No. 1 (Silverdale), and Kitsap County Fire District No. 18.

Hazardous Materials incidents: Mutual aid per regional and national response plans. Naval Submarine Base, Bangor is service provider for DoD installations on the Kitsap and Olympic peninsulas. Naval Submarine Base, Bangor is the service provider only of the last resort for rest of the United States.

<p>Source of Data (3.d. Fire/Hazmat): NSB Bangor fire department/NSB Bangor Hazardous Materials and Waste Management Branch</p>
--

e. **Police Protection.**

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

Concurrent jurisdiction with the Kitsap County Sheriffs Department.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

There is only the level of jurisdiction specified above.

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

No local agreement. Regional agreements apply - NAVBASE Seattle agreements with the Washington State Patrol provides special weapons assault team (SWAT) support during hostage situations.

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

No other agreements exist.

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

No augmentation with or by other federal agencies occur.

Source of Data (3.e. 1 - 5 Police): NSB Bangor Security Department

f. Utilities.

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

a. Electrical power: Electrical power for Naval Submarine Base, Bangor provided directly from the Bonneville Power Administration. Naval Submarine Base, Bangor has one minor service connection to Puget Power Company, the local electric utility for a remote facility.

b. Sanitary sewerage: Sanitary sewage treatment provided by Kitsap County at their Brownsville Treatment Facility.

c. Natural Gas: Natural gas is provided by Cascade Natural Gas, Bremerton, WA.

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2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed. Were activity operations affected by these situations? If so, explain extent of impact. *No.*

3) *Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact. No.*

Source of Data (3.f. 1 - 3 Utilities): Naval Submarine Base Bangor Utility Division
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4. **Business Profile.** List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

Employer	Product/Service	No. of Employees
1. Puget Sound Naval Shipyard	Shipyard	22,394
2. Naval Submarine Base, Bangor	Submarine Base	8,743
3. Naval Undersea Warfare Center, Keyport	Underwater Weapons Engineering	3,582
4. State Agencies	Public Services	1,752
5. Central Kitsap School District	Education	1,350
6. Harrison Memorial Hospital, Bremerton	Medical	1,335
7. South Kitsap School District	Education	1,100
8. Kitsap County	Community Services	879
9. Johnson Controls World Service	Military Base Operations Support	850
10. VITRO	Military Engineering Logistics Support	844

Note 1. "Number of Employees" includes military and civilian personnel.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Source of Data (4. Business Profile): Economic Development Council of Kitsap County, February 1993

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

a. **Loss of Major Employers:** *There has been no loss of major employers during the last five years.*

A major effort is underway to diversify employment in the County. Government employment has decreased from 57 percent of the civilian employment of the total in 1980 to 44 percent in 1990 and 41 percent in 1993.

b. **Introduction of New Businesses/Technologies:** *New businesses have been largely retail trade and services. The initial boost came from Trident impact in the late 70's. This boost resulted in a major retail center being established in Silverdale, Washington, an unincorporated community about five miles north of Bremerton. The impact of this center was underestimated: (1) It is a major shopping area for residences of Clallam and Jefferson Counties to the west of Kitsap County, and (2) Kitsap residents are far less inclined to trade in the major metropolitan areas of Seattle and Tacoma.*

New large retail outlets continue to locate in the region. Construction is underway for a 105,000 SF mall at Silverdale. Announced are two 50,000 SF complexes for food and home furnishings and a Wal-Mart store.

Of the three major industrial parks in the region, only 4,000 SF of space is available or 0.75 percent.

c. **Natural Disasters:** There have been no significant natural disasters. Climate is relatively mild and due to a lack of major rivers, the county is not subject to flooding.

d. **Overall Economic Trends:** As noted above, the dependence on Government employment continues to decline. The largest recent economic event in the Region was the 1993 IVERA at the Puget Sound Naval Shipyard.

Over the last five years, the unemployment rate has averaged 5.6 percent, or one percent lower than the state average. January 1994 rates were 5.9 percent for the region and 6.8 percent for the State.

Source of Data (5. Other Socio/Econ): Puget Sound Naval Shipyard

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

Personal Excellence thru Cooperative Education, Adopt a Highway program, Combined Federal Campaign, Navy/Marine Corps Relief drive, Food drive, Toys for Tots, Water for Life (harbor clean up), Earth Day clean up.

Source of Data (6. Other): TRIDENT Refit Facility, Bangor Public Affairs Office
--

BRAC-95 CERTIFICATION DATA CALL SIXTY FIVE

TRIDENT REFIT FACILITY BANGOR

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

MAJOR CLAIMANT LEVEL

R. J. KELLY

NAME (Please type or print)


Signature

Commander In Chief

Title

3 Aug 94
Date

U. S. Pacific Fleet

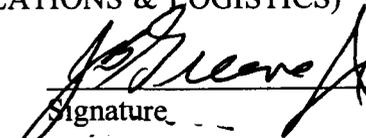
Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print)


Signature

ACTING

Title

17 AUG 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

M. J. BAGAGLIO, JR., CAPT, USN
NAME (Please type or print)

Mans J. Bagaglio Jr
Signature

COMMANDING OFFICER
Title

8 July 1994.
Date

TRIDENT REFIT FACILITY, BANGOR
Activity

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

NEXT ECHELON LEVEL (if applicable)

J. R. HARVEY, CAPT, USN

NAME (Please type or print)

COMMANDER

Title

SUBMARINE SQUADRON SEVENTEEN

Activity

Signature

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 Submarine Force,

Title

U.S. Pacific Fleet

Activity

Signature

Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

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

NAME (Please type or print)

Title

Signature

Date

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

TRIDENT REFIT FACILITY
BANGOR, WA

20 APRIL 1994

**BRAC 1995 ENVIRONMENTAL DATA CALL:
TRIDENT REFIT FACILITY, BANGOR**

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ENVIRONMENTAL DATA CALL

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

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

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

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

TYCOM NOTE: WHEN COMPLETING THIS DATA CALL, TRF BANGOR UTILIZED "ITALICIZED" FONTS TO DIFFERENTIATE THEIR ANSWERS FOR THE QUESTIONS. BECAUSE THE MAJOR CLAIMANT USES "ITALICIZED" FONTS TO ENTER THEIR COMMENTS, ALL TRF BANGOR ANSWER AND COMMENT FONTS HAVE BEEN DELETED BY THE TYCOM FOR CLARITY. NO STATION ANSWERS/COMMENTS WERE CHANGED DURING THIS PROCESS.

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

TRIDENT Refit Facility, Bangor has no tenants.

TYCOM NOTE: AS SHOWN IN BRAC DATA CALL NUMBER ONE, TRF BANGOR HAS SIX TENANTS FOR WHICH IT HAS ENVIRONMENTAL PROGRAM MANAGEMENT RESPONSIBILITY. THOSE TENANTS ARE LISTED ON THE FOLLOWING PAGE:

Activity: N68438

SUBMARINE SQUADRON 17	N53886
PERFORMANCE MONITORING TEAM	N53994
NAVAL SUBMARINE BASE, BANGOR	N68436
PACIFIC NORTHWEST SUBMARINE OPERATIONS OFFICE	N45736
FLEET AND INDUSTRIAL SUPPLY CENTER PUGET SOUND	N04406
DEFENSE PUBLICATIONS AND PRINTING SERVICE DETACHMENT OFFICE	N62703

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

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

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
<i>example: Haliaeetus leucocephalus - bald eagle</i>	<i>threatened</i>	<i>Federal</i>	25	0
N/A	N/A	N/A	N/A	N/A

Source Citation: N/A

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

1b.

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	N/A
Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.	N/A

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an

answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

1d.

Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.	N/A
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The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

1e.

Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	N/A
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The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

2. WETLANDS

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

2a.

Does your base possess federal jurisdictional wetlands?	N/A
Has a wetlands survey in accordance with established standards been conducted for your base?	N/A
When was the survey conducted or when will it be conducted? ___/___/___	N/A
What percent of the base has been surveyed?	N/A
What is the total acreage of jurisdictional wetlands present on your base?	N/A

Source Citation: N/A

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? N/A If YES, summarize the results of such modifications or constraints.

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval

Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

3. CULTURAL RESOURCES

3a.

<p>Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.</p>	<p>N/A</p>
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The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

3b.

<p>Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.</p>	<p>N/A</p>
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The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

3c.

<p>Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.</p>	<p>N/A</p>
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The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the

host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4. ENVIRONMENTAL FACILITIES

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

4a.

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

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

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4c.

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

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

The environmental program/issue addressed in the above question is under the responsibility of Naval Submarine Base, Bangor. TRIDENT Refit Facility (TRIREFAC), Bangor is a tenant of the Naval Submarine Base, Bangor. TRIREFAC, as a tenant, participates in the Subbase's program. For further clarification or amplification to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4d.

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

List permit violations and discuss any projects to correct deficiencies.

The environmental program/issue addressed in the above question is under the responsibility of Naval Submarine Base, Bangor. TRIDENT Refit Facility (TRIREFAC), Bangor is a tenant of the Naval Submarine Base, Bangor. TRIREFAC, as a tenant, participates in the Subbase's program. For further clarification or amplification to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

N/A. The wastewater from TRIREFAC discharges into the central Subbase, Bangor sewage system. The Subbase, Bangor's combined flow from their facilities and the various tenants is discharged to the Kitsap County Municipal System. Subbase, Bangor, as the host, is responsible for this program. For an answer or further clarification to the questions, refer

to the Naval Submarine Base, Bangor's data call 33 response.

4f.

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

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4h.

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

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4i. If you do not operate a WTP, what is the source of the base potable water supply. State

terms and limits on capacity in the agreement/contract, if applicable.

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	N/A
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The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4k.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4l.

Does your base have bilge water discharge problem?	N/A
Do you have a bilge water treatment facility?	N/A

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	N/A
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The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor. Subbase, Bangor, as the host, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

TRIDENT Refit Facility, Bangor is a tenant of the Naval Submarine Base, Bangor. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCA) in which the base is located? Puget Sound Air Pollution Control Agency (PSAPCA)
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCA? No. List site, location and name of AQCA.

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

Site: TRIDENT Refit Facility, BangorAQCA: PSAPCA

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

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

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

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

TYCOM NOTE: AS NOTED THROUGHOUT THIS DATA CALL, TRF BANGOR IS A TENANT TO SUBASE BANGOR, WHO HAS OVERALL MANAGEMENT RESPONSIBILITY FOR EMISSION SOURCES. THE FOLLOWING TRIREFFAC LIST OF SOURCES IS SUPERSEDED BY THE MOST CURRENT REGISTERED LIST OF AIR POLLUTION SOURCES SHOWN IN ITEM 5D, SUBASE BANGOR BRAC DATA CALL 33. TRF'S LIST OF AIR SOURCES CONTAINS SOURCES WHICH SUBASE BANGOR RECENTLY DELETED FROM THE UPDATED REGISTRATION LIST SUBMITTED TO PSAPCA. THEREFORE, THE FOLLOWING TRF BANGOR LIST OF SOURCES SHOULD BE DISREGARDED IN ITS ENTIRETY. THE TABLES IN QUESTIONS 5C AND 5D HAVE BEEN CORRECTED BY THE TYCOM TO REFLECT THE EMISSION QUANTITIES REFLECTED ON THE MOST CURRENT REGISTERED LIST OF SOURCES.

Sources: (Numbers in () refer to PSAPCA registration number)

- (46) Dry baffle spray booth. Qty 3
- (47) Plating tank. Qty 1
- (48) Spray paint booth. Qty 1
- (49) Polyurethane processing. Qty 1
- (50) Motor burnout oven. Qty 1
- (51) Baking-ovens. Qty 7
- (52) Spray painting. Qty 1
- (53) Laboratory fume hood. Qty 1
- (54) Woodworking equipment. Qty 1
- (55) Plasma arc metal deposition. Qty 1
- (56) Water wash spray booth. Qty 1
- (57) Potting booth. Qty 1
- (58) Tank. Qty 1
- (59) Tank. Qty 1
- (60) Fiberglassing equipment. Qty 1
- (61) Metal working equipment. Qty 1
- (66) Fiberglass/urethane compound process. Qty 2
- (67) Grinder. Qty 1
- (68) Sander. Qty 1
- (69) Fume hood. Qty 1
- (70) Fume hood. Qty 1
- (71) Dry filter spray booth. Qty 1
- (72) Blast machine. Qty 1

- (73) Welding. Qty 1
- (74) Silk screen. Qty 1
- (75) Oven. Qty 1
- (76) Spray booth. Qty 1
- (77) Blast machine. Qty 1
- (78) Woodworking equipment. Qty 1
- (79) Spray painting cabinet. Qty 1
- (80) Baking oven. Qty 1
- (90) Vapor degreaser. Qty 2

Calculations: TRIREFFAC, Bangor's emissions are a percentage of Subase's total.

TYCOM NOTE: THE FOLLOWING EXPLANATION AND CHANGES RECEIVED FROM SUBASE BANGOR ON 31 MAY 1994 APPLY TO EMISSION SOURCE QUANTITIES SHOWN FOR TRF PERMITTED STATIONARY & PERSONAL AUTOMOBILES IN ITEMS 5C & 5D. FOR PERMITTED STATIONARY SOURCES, SUBASE BANGOR ESTIMATES THAT TRIREFFAC HAS 50% OF THE TOTAL REGISTERED SOURCE VOC EMISSIONS. TRIREFFAC EMISSIONS WERE ESTIMATED WITH DATA TAKEN FROM A HAZARDOUS MATERIAL DATABASE. THE EMISSIONS ARE NOT TIED TO EXACT SOURCES, BUT ARE BASED ON PAST HISTORICAL ESTIMATES WHERE THE MATERIAL WAS USED. TOTAL NUMBER OF SOURCES IN 1990 WAS 55. TRIREFFAC HAD 25 OF THESE SOURCES. TOTAL NUMBER OF SOURCES IN 1993 IS 67. TRIREFFAC HAS 35 OF THESE SOURCES.

TYCOM NOTE: FOR PERSONAL AUTOMOBILES, TRIREFFAC HAS A FLEET OF GOVERNMENT VEHICLES (GOV) EQUIVALENT TO SUBASE BANGOR, THEREFORE, 50% OF TOTAL CO, Nox, VOC & PM10 EMISSION WAS ATTRIBUTED TO TRIREFFAC. SUBASE BANGOR TOTAL QUANTITIES WERE BASED ON GOV EMISSIONS ONLY AND DO NOT INCLUDE PRIVATE VEHICLES SINCE KITSAP COUNTY IS IN AN ATTAINMENT AREA AND SUCH DATA IS NOT MAINTAINED BY THE INSTALLATION.

Emission Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	0	225 488	0	**N/A	225 488
Nox	0	6 13	0	N/A	6 13
VOC	21	8 20	0	N/A	29 41
PM10	0	0.3 0.8	0	N/A	0.3 0.8

Source Document: 1993 Subase Bangor Air Emission Inventory

* Note: The environmental air program addressed in the above questions is under the responsibility of Naval Submarine Base, Bangor. TRIDENT Refit Facility (TRIREFFAC), Bangor, as the tenant, participates in the Submarine Base's program. The information provided are estimates of the TRIREFFAC portion of the information which is also included in the Submarine Base's data call 33. See Subase, Bangor's data call 33 for calculations.

** Note: This is not a category considered by PSAPCA.

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

TYCOM NOTE: THE FOLLOWING REVISIONS AND EXPLANATION RECEIVED FROM SUBASE BANGOR ON 31 MAY 1994 APPLY TO TRIREFFAC SOURCES LISTED IN ITEM 5D. THE FOLLOWING TRIREFFAC LIST OF SOURCES IS SUPERSEDED BY REGISTERED LIST OF AIR POLLUTION SOURCES SHOWN IN ITEM 5D, SUBASE BANGOR BRAC DATA CALL 33. TRIREFFAC'S LIST OF AIR SOURCES CONTAIN SOURCES WHICH SUBASE BANGOR DELETED RECENTLY FROM THE UPDATED REGISTRATION LIST SUBMITTED TO PSAPCA.

Sources: (Numbers in () refer to PSAPCA registration number)

- (46) Dry baffle spray booth. Qty 3
- (47) Plating tank. Qty 1
- (48) Spray paint booth. Qty 1

- (49) Polyurethane processing. Qty 1
- (50) Motor burnout oven. Qty 1
- (51) Baking ovens. Qty 7
- (52) Spray painting. Qty 1
- (53) Laboratory fume hood. Qty 1
- (54) Woodworking equipment. Qty 1
- (55) Plasma arc metal deposition. Qty 1
- (56) Water wash spray booth. Qty 1
- (57) Potting booth. Qty 1
- (58) Tank. Qty 1
- (59) Tank. Qty 1
- (60) Fiberglassing equipment. Qty 1
- (61) Metal working equipment. Qty 1
- (66) Fiberglass/urethane compound process. Qty 2
- (67) Grinder. Qty 1
- (68) Sander. Qty 1
- (69) Fume hood. Qty 1
- (70) Fume hood. Qty 1
- (71) Dry filter spray booth. Qty 1
- (72) Blast machine. Qty 1
- (73) Welding. Qty 1
- (74) Silk screen. Qty 1
- (75) Oven. Qty 1
- (76) Spray booth. Qty 1
- (77) Blast machine. Qty 1
- (78) Woodworking equipment. Qty 1
- (79) Spray painting cabinet. Qty 1
- (80) Baking-oven. Qty 1
- (90) Vapor degreaser. Qty 2

Calculations: TRIREFFAC, Bangor's emissions are a percentage of Subase's total.

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	0	416	0	**N/A	416
Nox	0	11	0	N/A	11
VOC	10	15	0	N/A	25
PM10	0	0.5	0	N/A	0.5

Source Document: 1993 Subase Bangor Air Emission Inventory

* Note: The environmental air program addressed in the above questions is under the responsibility of Naval Submarine Base, Bangor. TRIDENT Refit Facility (TRIREFFAC), Bangor, as the tenant, participates in the Submarine Base's program. The information provided are estimates of the TRIREFFAC portion of the information which is also included in the Submarine Base's data call 33. See Subbase, Bangor's data call 33 for calculations.

** Note: This is not a category considered by PSAPCA.

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

No increase or decrease expected; will remain the same.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

Yes. Olympic National Park is 65 miles west of TRIDENT Refit Facility, Bangor. East side of Puget Sound (Seattle/Tacoma) air quality region (15-35 miles) is a non-attainment area.

5g. Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct.

Yes. TRIREFFAC abrasive blasting operations were modified with new low dust emission abrasive blast equipment coupled with procedural and chemical process changes in order to meet Puget Sound Air Pollution Control Agency requirements.

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

None.

6. ENVIRONMENTAL COMPLIANCE

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

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	Yes	0	50	200	100	0	0
Hazardous Waste	Yes	0	0	0	0	0	0
Safe Drinking Water Act	No	0	30	100	100	0	0
PCBs	Yes	0	0	0	0	0	0
Other (non-PCB) Toxic Substance Control Act	Asbestos yes	40	0	0	0	0	0
Lead Based Paint	No	0	0	0	0	0	0
Radon	Yes	0	0	0	0	0	0
Clean Water Act	NPDES No	0	0	0	0	0	0
Solid Waste	Note 1.	0	0	0	0	0	0
Oil Pollution Act	Yes	30	0	180	0	0	0
USTs	Yes	0	0	0	0	0	0
Other: Pollution Prevention	Yes	0	100	0	0	0	0
Total		70	180	480	200	0	0

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.

Note 1. See Subbase, Bangor's data call 33.

PROJECT TITLE	FUND YEAR	APPROP	EST COST \$K	PROJECT NUMBER	PERFORMED BY
Spill Containment, Marginal Wharf Design	94	O&MN	30	PCR-W400J	SUBASE
Spill Containment, Marginal Wharf Construction	96	O&MN	180	PCR-W400J	SUBASE
Backflow Prevention Study & Plan	95	O&MN	30		EFA
Backflow Prevention Improvements	96/97	O&MN	200		SUBASE
Air Conditioning Equipment Study	95	O&MN	50		EFA
Air Conditioning Equipment Retrofit	96/97	O&MN	300		SUBASE
Asbestos Abatement, Building 7053	94	O&MN	40		SUBASE
Parts Washer	95	OPN	100		EFA

TYCOM NOTE: BACKFLOW PREVENTION IMPROVEMENTS AND AIR CONDITIONING EQUIPMENT RETROFITs WILL BE FUNDED OVER A PERIOD OF TWO YEARS.

TYCOM NOTE: "EFA" IN LAST COLUMN STANDS FOR ENGINEERING FIELD ACTIVITY, NORTHWEST.

6b.

Does your base have structures containing asbestos? Yes.

What % of your base has been surveyed for asbestos? 100%

Are additional surveys planned? No.

What is the estimated cost to remediate asbestos (\$K). \$40K in removal and \$10K per year ongoing operations & management.

Are asbestos survey costs based on encapsulation, removal or a combination of both? Combination.

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

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN	315	537	392	504	423	425	751	849
HA	0	0	0	0	0	0	0	0
PA	0	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0	0
TOTAL	315	537	392	504	423	425	751	849

TYCOM NOTE: THE ABOVE TABLE HAS BEEN CORRECTED BY TYCOM TO COMPLY WITH AMENDMENT TWO (FORMAT CHANGE) OF DATA CALL #33 AND IS PROVIDED

BELOW.

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN								
HA	0	0	0	0	0	0	0	0
PA	0	0	0	0	0	0	0	0
OTHER O&MN	315	537	392	504	423	425	751	849
Other (specify)	0	0	0	0	0	0	0	0
TOTAL	315	537	392	504	423	425	751	849

TYCOM NOTE: THE FOLLOWING TABLE IS THE DETAILED COST BREAKDOWN FOR THE O&MN FUNDING SOURCE.

	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
HW MGMT & DISPOSAL	239	174	224	188	189	333	370
AIR POLLUTION ABATEMENT	60	44	56	47	47	83	100
COMPLIANCE W/OTHER LAWS	119	87	112	94	94	157	179
HAZMAT REDUCTION INITIATIVES	119	87	112	94	95	168	200
TOTAL	537	392	504	423	425	751	849

HW MGMT & Disposal includes salaries, consumables, equipment, lab testing and disposal costs.

Air Pollution Abatement includes salaries and consumables.

Compliance w/other Laws includes salaries, consumables, lab testing and pollution prevention.

HAZMAT Reduction Initiatives includes salaries and consumables.

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

Yes. (1) Dust emissions restrictions discussed in 5.G. (2) As new regulations are enacted, TRIREFFAC increases our level of effort for compliance. For example, the Federal Facilities Compliance Act increases the levels of effort involved in Hazardous Waste processing at the operational level.

7. INSTALLATION RESTORATION

7a.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² /Comments
N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue.

For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

7d.

Is there a groundwater treatment system in place?	N/A
Is there a groundwater treatment system planned?	N/A

State scope and expected length of pump and treat operation.

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

7e.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

TYCOM NOTE: A RCRA FACILITIES ASSESSMENT OF THE HW PROGRAM IS CONDUCTED ANNUALLY AS PART OF THE ECE PROGRAM. BOTH SUBBASE AND TRF ARE CONSIDERED "GENERATORS" FOR THE PURPOSE OF RCRA. HOWEVER, FROM A RCRA PERMITTED FACILITY STANDPOINT, A "RCRA FACILITY ASSESSMENT" WAS PERFORMED WHEN THE PERMITTED INCINERATOR AT SUBBASE BANGOR WAS CLOSED.

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

TYCOM NOTE: THE ANSWER TO QUESTION 7f IS "YES", AS DESCRIBED BELOW.

The conforming Hazardous Material Storage Facility, Building 7089, 11,325 SF, contains 14 separate and isolated cells for storage of flammable, caustic, acid, oxidizer, water reactive, explosive, poisonous and cryogenic materials. Each cell has fire suppression, floor drainage to tanks. The entire facility is designed to contain spills at docks, loading

and transfer areas and inside the building. There are no restrictions or permit conditions.

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

No.

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

No.

7i.

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

Environmental and air monitoring being conducted by Puget Sound Naval Shipyard, as directed by NAVSEA 08.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

8. LAND / AIR / WATER USE

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

Parcel Descriptor	Acres	Location
N/A	N/A	N/A

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFAC), Bangor. TRIREFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subbase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subbase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

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

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

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

No berthing areas at TRIDENT Refit Facility, Bangor require maintenance dredging.

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

Drydock Caisson Pier, MCON Project P-072, will construct a berthing area for the spare drydock caisson. The contractor will be dredging approximately 10,000 cubic yards during construction of the pier.

8h.

Are there available designated dredge disposal areas for maintenance dredging material? List location, remaining capacity, and future limitations.	Yes
Are there available designated dredge disposal areas for new dredge material? List location, remaining capacity, and future limitations.	Yes
Are the dredged materials considered contaminated? List known contaminants.	No

Location	Remaining capacity (CY)	Future limitations
Anderson Island	8,989,803	None, other than they must pass COE guidelines (testing for contaminants, etc.)
Bellingham Bay	8,967,117	
Commencement Bay	8,982,452	
Elliott Bay	8,610,935	
Port Angeles	9,000,000	
Port Gardner	7,881,165	
Port Townsend	8,977,358	
Rosario Strait	8,212,970	

Dredge materials are not considered contaminated.

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

Requirements: Naval Submarine Base, Bangor must obtain a Kitsap County Substantial Development Permit in support of Washington Costal Zone Management Act for construction projects affecting coastal land.

Constraints: None

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

None.

8k.

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	N/A
---	-----

TYCOM NOTE: THE FOLLOWING TRF NOTE ALSO APPLIES TO THIS QUESTION AND HAS BEEN ENTERED BY THE TYCOM IN BOLD.

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

The environmental program/issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the host and/or land owner, is responsible for the above environmental program/issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

9. WRAP UP

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

Naval Submarine Base, Bangor's POTABLE water quantity survey may limit but not prohibit expansion of industrial functions.

TYCOM NOTE: THE SUBBASE BANGOR AQUIFER AND WATER QUALITY SURVEY HAS NOT BEEN COMPLETED AND THE POTENTIAL RESULTS ARE UNKNOWN AT THIS TIME. THE STUDY WILL DETERMINE HOW MUCH CAPACITY IS REMAINING IN THE GROUND WATER AQUIFER OR IF THERE IS A SURPLUS CAPACITY. OTHER SOURCES OF WATER CAN BE INVESTIGATED IF DEEMED NECESSARY.

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

The 1990 Clean Air Act requires an operating permit for SUBBASE, Bangor for air emission sources, which are operated and maintained by TRIREFFAC, Bangor.

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

TRIDENT Refit Facility, Bangor is a tenant of the Naval Submarine Base, Bangor. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

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

None.

BRAC-95 CERTIFICATION DATA CALL THIRTY THREE

TRF BANGOR

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

MAJOR CLAIMANT LEVEL

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


Signature

Commander In Chief (Acting)
Title

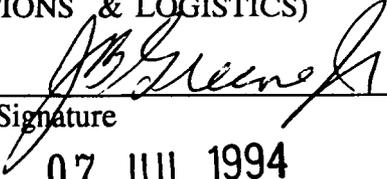
1 Jul 94
Date

U. S. Pacific Fleet
Activity

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

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

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


Signature

ACTING

Title

07 JUL 1994
Date

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

NEXT ECHELON LEVEL (if applicable)

J. R. HARVEY, CAPT, USN

NAME (Please type or print)

COMMANDER

Title

SUBMARINE SQUADRON SEVENTEEN

Activity

J. R. Harvey
Signature

5/26/94
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

Commander Submarine Force,

Activity U.S. Pacific Fleet

JMBarr
Signature

5/31/94.
Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

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

NAME (Please type or print)

Title

Signature

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

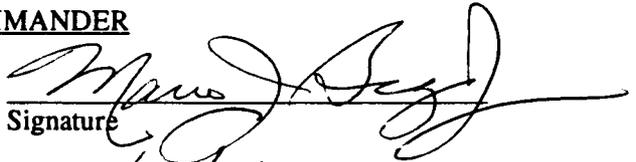
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

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

ACTIVITY COMMANDER

M. J. BAGAGLIO, JR., CAPT. USN
NAME (Please type or print)


Signature

COMMANDING OFFICER
Title

5/25/94
Date

TRIDENT REFIT FACILITY, BANGOR
Activity

157

68438

**ENVIRONMENTAL DATA CALL: #33
DATA CALL TO BE SUBMITTED TO
ALL NAVY/MARINE CORPS HOST ACTIVITIES**

20 APRIL 1994

Enclosure (1)

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

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ENVIRONMENTAL DATA CALL

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

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

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

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

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

None.

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

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

S P E C I E S (plant or animal)	Designation (Threatened / Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Importa nt Habitat (acres)
example: <i>Haliaeetus leucocephalus</i> - bald eagle	threatened	Federal	25	0
<i>Haliaeetus leucocephalus</i> - bald eagle	threatened	federal	100	N/A
Marbled murrelet	threatened	federal	125	N/A

Source Citation: N/A

1b.

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	NO
--	----

Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.	NO
---	----

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

1d.

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

1e.

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

2. WETLANDS

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

2a.

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

Source Citation: N/A

2b. If the area of the wetlands has not been identified on base maps provided in

Data Call 1, submit this on an updated version of Data Call 1 map.

Provided in DATA CALL 1.

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

3. CULTURAL RESOURCES

3a.

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

Survey conducted. Nothing listed or eligible for listing.

3b.

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

3c.

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	NO
---	----

4. ENVIRONMENTAL FACILITIES

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

4a.

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

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

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

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements. NO.

4c.

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

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

4d.

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

List permit violations and discuss any projects to correct deficiencies.

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

NONE. Station uses septic tanks for wastewater.

4f.

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

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

N/A

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

Each building is served by a septic tank.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?				YES	
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			
N/A	N/A	N/A	CHLORINE	N/A	N/A

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

NAVRADSTA (T) Jim Creek is in violation of Washington State Surface Water Treatment Rule (SWTR), Part 6 of WAC Chapter 246-290. Special Project C6-92, Construct Water Well, estimated to start May 94 with completion March 95, will resolve the violation.

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

4j.

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

4k.

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

4l.

YES/NO

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

Explain: NAVRADSTA (T) Jim Creek is an inland activity, not supporting or berthing ships.

4m.

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

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

NO

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

NO

5. AIR POLLUTION

5a.* NOTE BELOW.

What is the name of the Air Quality Control Areas (AQCA) in which the base is located?

Puget Sound Air Pollution Control Agency (PSAPCA)

Is the installation or any of its OLFs or non-contiguous base properties located in different AQCA? No. List site, location and name of AQCA.

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

Site: NAVRADSTA (T) Jim Creek AQCA: PSAPCA

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

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

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

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

Baseline Survey has not been accomplished.

Emission Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO					
NOx					
VOC					
PM10					

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

NOT AVAILABLE.

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO					
NOx					
VOC					
PM10					

Source Document: SURVEY NOT ACCOMPLISHED.

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

NONE.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

Yes.

EAST/SOUTH PUGET SOUND REGION (nonattainment)
OLYMPIC NATIONAL PARK

5g. Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct.

NO.

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

NONE.

6. ENVIRONMENTAL COMPLIANCE

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

Program	Survey Completed ?	Costs in \$K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	NO	0.0	50.0	0.0	0.0	0.0	0.0
Hazardous Waste	YES	12.0	5.0	1.0	1.0	1.0	1.0
Safe Drinking Water Act	YES	178.0	8.0	1.0	1.0	1.0	1.0
PCBs	YES	0	0	0	0	0	0
Other (non-PCB) Toxic Substance Control Act	-	-	-	-	-	-	-
Lead Based Paint	YES	0	25.0	10.0	0	0	0
Radon	YES	0	0	0	0	0	0
Clean Water Act	YES	0	0	0	0	0	0
Solid Waste	YES	2.0	1.0	1.0	1.0	1.0	1.0
Oil Pollution Act	YES	0.0	35.0	0.0	0.0	0.0	0.0
USTs (ANNUAL PERMITS)	YES	1.0	1.0	1.0	1.0	1.0	1.0
Other (Environmental Training)	-	3.0	2.0	3.0	2.0	3.0	2.0
TOTAL		196.0	127.0	17.0	6.0	7.0	6.0

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.

ID NO.	PROJ TITLE	TOTAL COST	EST START/FINISH
C6-92	Construct Water Well	\$175K	May 94/Mar 95

Installation of alternative groundwater source will bring NAVRADSTA (T) Jim Creek into compliance with Washington State Surface Water Treatment Rule (SWTR), Part 6 of WAC Chapter 246-290.

6b.

Does your base have structures containing asbestos? YES What % of your base has been surveyed for asbestos? 100% Are additional surveys planned? NO What is the estimated cost to remediate asbestos (\$K) 0*. Are asbestos survey costs based on encapsulation, removal or a combination of both? N/A.

* Per EPA/NEESHAP Regs 40 CFR 61 Subpart A and Subpart M, Nov 90, the non-friable Asbestos-Containing Materials (ACM) identified and documented at NAVRADSTA (T) Jim Creek (i.e., floor tile) need not be removed and/or abatement action of such materials are not required.

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

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN	0.0	11.0	16.0	15.0	4.0	4.0	4.0	4.0
HA	0.0	93.0	5.0	25.0	10.0	0.0	0.0	0.0
PA/PCR	282.	0.0	175.	85.0	0.0	0.0	0.0	0.0
Other (specify)	0.0	6.0 SPCC	0.0	2.0	3.0	2.0	3.0	2.0
TOTAL	282.	110.	196.	127.	17.0	6.0	7.0	6.0

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

7. INSTALLATION RESTORATION

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	NO

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

Site # or name	Type site ¹	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status ² /Comments
BLDG 7	DERA	NO	NO	SURFACE	\$.477 COMBINED COST FOR BLDG 7, 39, AND 26.	RA **
BLDG 39	DERA	NO	NO	SURFACE		RA **
BLDG 26	DERA	NO	NO	SURFACE		RA **

*/** Remedial action (DERA) fixed delivery contract between Navy (EFANW) and EBASCO environmental. Contract awarded Apr 94; est. field work Jun 94.

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

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

8. LAND / AIR / WATER USE

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

Parcel Descriptor	Acres	Location
Station	4,901	N/A

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

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		902.21
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 250
		All Others: 3,639
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		0
Total Undeveloped land considered to be without development constraints		0
Total Off-base lands held for easements/lease for specific purposes		0
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	840
	HERF	840
	HERP	840
	HERO	840
	AICUZ	N/A
	Airfield Safety Criteria	N/A
	Other	61.8

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

None

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

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

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

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

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)
NONE					

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

N/A

8h.

Are there available designated dredge disposal areas for maintenance dredging material? List location, remaining capacity, and future limitations.	NO
Are there available designated dredge disposal areas for new dredge material? List location, remaining capacity, and future limitations.	NO
Are the dredged materials considered contaminated? List known contaminants.	NO

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

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

NONE.

8k.

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

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

N/A.

9. WRAPUP

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

NO

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

NO

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

NO

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

NONE.

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

MICHAEL W. THAYER
NAME (Please type or print)

Michael W. Thayer
Signature

OFFICER-IN-CHARGE
Title

26 MAY 1994
Date

NAVAL RADIO STATION (T) NIM CREEK
Activity

Enclosure (2)

BRAC-95 Data Call 33 for UIC 68438

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)

D. A. GROSS

Name (Please type or print)



Signature

Commanding Officer

Title

20 June 1994

Date

NAVCOMTELSTA Puget Sound, WA

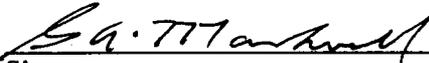
Activity

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

MAJOR CLAIMANT LEVEL

G. A. MARKWELL (Acting)

NAME (Please type or print)



Signature

Commander,

Title

20 June 1994

Date

Naval Computer and

Telecommunications Command

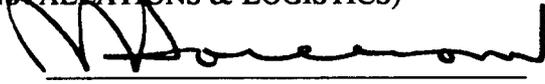
Activity

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

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

R. R. SAREERAM

NAME (Please type or print)



Signature

ACTING

01 JUL 1994



DEPARTMENT OF THE NAVY
COMMANDER
NAVAL COMPUTER AND TELECOMMUNICATIONS COMMAND
4401 MASSACHUSETTS AVENUE, N.W.
WASHINGTON, D.C. 20394-5000

In reply refer to:
11000
Ser N00C/
20 Jun 1994

5133

From: Commander, Naval Computer and Telecommunications Command
To: Chief of Naval Operations (N-44)

Subj: REVISED BRAC-95 DATA CALL THIRTY-THREE FOR NAVRADSTA (T)
JIM CREEK UIC 68438

Ref: (a) Your ltr 11000 Ser N441/4U594541 of 5 May 94
(b) Our ltr 11000 Ser N00C/5055 of 8 Jun 94

Encl: (1) Data Call 33 response for NAVRADSTA (T) Jim Creek
(2) Officer in Charge Certification Sheet
(3) Next Echelon Certification Sheet

1. Reference (a) tasked a response to subject activity. Reference (b) forwarded an incomplete response, omitting questions and answers to items 1 through 5 of the Data Call. Enclosure (1), (2) and (3) are forwarded to provide a complete response to reference (a).

G. A. MARKWELL
Acting

Copy to:
NAVCOMTELSTA Puget Sound
NAVRADSTA (T) Jim Creek

11 July 1994

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

Category	Industrial Activities
Type	Shore Intermediate Maintenance Activities / Naval Reserve Maintenance Facilities (SIMAs/NRMFs) / TRIDENT Refit Facilities (TRFs)
Claimant	CINCLANTFLT
	CINCPACFLT

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	OOS	Out of Specification
%	Percent	PN	Number of Personnel accommodated
#	Number	POM	Program Objectives Memorandum
		PSI	Pounds-per-square inch
ACT	American College Test	QC/NDT	Quality Control / Non-Destructive Testing
AOB	Average on Board	Qtr	Quarter
ARC	Alcohol Rehabilitation Center	RMC	Regional Maintenance Concept
BAQ	Basic Allowance for Quarters	SAT	Scholastic Aptitude Test
BEQ	Bachelor Enlisted Quarters	SF	Square Feet
BOQ	Bachelor Officers Quarters	SIMA/NRMF	Shore Intermediate Maintenance Activity/ Naval Reserve Maintenance Activity
CADCAM Computer	Computer Aided Design / Aided Manufacturing		
CCN	Category Code Number	TRF	Trident Refit Facility
DLMH	Direct Labor Man Hours	TY	Then Year
DoD	Department of DefenseDoDDS Department of Defense	UIC	Unit Identification Code
Dependents	Schools	VHA	Variable Housing Allowance
DON	Department of the Navy	W/O	Without
ESQD	Explosive Safety Quantity Distance	WY	Work Years
FSC	Family Service Center	UIC	Unit Identification Code
FY	Fiscal Year		
FYDP	Future Years Defense Plan		
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 Service	Naval Criminal Investigative		

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

Primary UIC: N68438

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	29	28	27	27
SSN 688/637	11	13	5	4
SSN 21	0	0	0	0
CVN 68/70	2	2	2	2
CV 62	0	0	0	0
AD 41	0	0	0	0
AOE 1/2	2	2	2	2
AOE 6	0	0	0	0
ARS 50/52/42/38	2	0	1	0
AS 36/39/37/41/19	2	1	1	0
LPD 4	0	0	0	0
LPH 3	1	0	0	0
LSD 36	0	0	0	0
LSD 41	0	0	0	0
MCM-1 / MCS 12 / MHC 51 / MCM-4	0	0	0	1

1. Shipwork, continued

Table 1.1.b: Historic and Predicted Shipwork

Class of Vessel	FY 1990	FY 1991	FY 1992	FY 1993
AFB / AFDL / AFDM / ARDM	0	0	0	0
NR-1	0	0	0	0
AGF 3 / AGF 11	0	1	0	0
CG 47 / 32	1	1	0	0
DD 963	0	0	0	0
DDG 51	0	0	0	0
DDG 993 / 996	1	1	0	0
FFG 7 / FF-1087	1	1	0	0
LHA 1	0	0	0	0
LHD 1	0	0	0	0
CGN 35 / 36	2	2	4	4
YTB / PTB	16	16	16	16
MSO	20	20	24	12
Other SSBNs	1	6	4	3
YTL-427	1	0	0	0
AGS-39	1	0	0	0
AGDS-9654	1	1	0	0
LOHEC-726	0	0	0	1

1. Shipwork, continued

Table 1.1.c: Historic and Predicted Shipwork

Class of Vessel	FY 1994	FY 1995	FY 1996	FY 1997
SSBN 726	25	28	26	27
SSN 688 / 637	1	1	1	1
SSN 21	0	0	0	0
CVN 68	1	1	1	1
CV 62	0	0	0	0
AD 41	0	0	0	0
AOE 1	2	2	2	2
AOE 6	0	0	0	0
ARS 50 / 38	1	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 / MHC 51	0	0	0	0

1. Shipwork, continued

Table 1.1.d: Historic and Predicted Shipwork

Class of Vessel	FY 1994	FY 1995	FY 1996	FY 1997
AFB / AFDL / AFDM / ARDM	0	0	0	0
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 / 35 / 36	2	2	2	2
YTB / PTB	16	16	16	16
SSBN-629 / 630 / 633	3	3	3	3
WHEC-726	1	0	0	0
AOR-7	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)	107	106	90	112
Modernization (Nuclear)	3	1	4	20
Maintenance (Conventional)	1,129	1,120	1,024	961
Maintenance (Nuclear)	60	70	44	19
Production Support	1,168	1,148	1,205	1,328
TOTAL:	2,467	2,445	2,367	2,440

Note: Production support man hours are only captured by fiscal year and not by category or unit.

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 TRF 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. Shipwork, continued

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)	90	99	103	102
Modernization (Nuclear)	14	15	16	16
Maintenance (Conventional)	932	1,027	1,065	1,049
Maintenance (Nuclear)	39	43	44	43
Production Support	1,402	1,402	1,402	1,402
TOTAL:	2,477	2,586	2,630	2,612

Note: Production support man hours are only captured by fiscal year and not by category or unit.

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 TRF 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.

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

None.

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/b: Depot Maintenance Performance

Class of Vessel	FY 1990	FY 1991	FY 1992	FY 1993
SSBN 726	149	136	107	129

Table 2.1.c/d: Depot Maintenance Performance

Class of Vessel	FY 1994	FY 1995	FY 1996	FY 1997
SSBN 726	87	150	153	152

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

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
AR TRF Det 122	35	Not available	Not available	2472	Not available	Not available	1024
AR TRF Det 222	30	Not available	Not available	842	Not available	Not available	1050

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.

TRIDENT Refit Facility, Bangor provides intermediate level maintenance support to OHIO class submarines. This includes different command and control system (CCS) configurations as the operating fleet transitions from one CCS baseline to another. Some of the unique maintenance areas which are interfaced to minimize equipment redundancies and improve efficiency are:

Computer services area (CSA) provides data processing assets for support of defensive weapons, command, data processing, and monitoring subsystem maintenance areas.

CSA works in conjunction with data processing maintenance area to provide test beds/space for hot testing and troubleshooting of off-hull tactical shipboard units.

Other maintenance areas include support for sonar, external communications, ship control, radar, identification friend or foe, interior communications, tactical navigation, periscope, electronic support measures, antenna, waterfront support, sonar barge and module test.

Each maintenance area has available all necessary test equipment, tools, equipment documentation and for major equipments, either a test bed (operating spare) or a test space (founded/facility serviced and interfaced) available for performing off-hull maintenance.

*TRIDENT Strategic Weapons System**Launcher subsystem**Fire control Subsystem**Navigation Subsystem**Data Recording Subsystem - Only certified C4 facility in DoD**TRIDENT Command and Control System**Ship Control**Defensive Weapons Systems**Monitoring Subsystem**Data Processing Subsystem**Tactical Navigation**Interior Communications**ESM**CCS Mk 2**Sonar BQQ-6**Sonar BQQ-5E*

*Integrated Radio Room
Antennas
Periscopes
Radar*

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.

1. *RLW System*

- a. *Four tanks with a total of 30,000 gallon capacity to store RLW.*
- b. *Two tanks with a total capacity of 20,000 for storing Controlled Pure Water.*
- c. *Two portable effluent waste collection tanks with 7,000 gallon capacity each. A third tank is held for emergency response as directed by the Type Commander.*
- d. *One 5,000 gallon controlled pure water delivery tank.*
- e. *Two independent RLW processing trains which include:*
 - (1) *Two pre-filters.*
 - (2) *Three demineralizers and charcoal media filters.*
 - (3) *A polishing filter and polishing resin demineralizer.*
- f. *One processing train with demineralizer and filters to produce controlled pure water.*
- g. *Total RLW processing capability - up to 14,000 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) *High chemical content water.*
 - (4) *Residual analytical solutions.*
 - (5) *Potassium chromate liquids.*

Solidification takes place within the Controlled Industrial Facility 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 Controlled Industrial Facility. Supported by a RADSAFE breathing air compressor, air hose and RADMAN manifolds for the regulation of breathing air during waste press operations or tank inspections.*
- c. *Decontamination facility established permanently within the Controlled Industrial Facility to mechanically decontaminate and precess RAM.*
- d. *Waste curie monitor - one cubic foot capacity gamma scintillation detector used for the activity determination and release of material otherwise identified as potentially RAM.*
- e. *Multi-Channel Analyzer (Canberra 35N) for isotopic analysis and activity determination of solid material and solid and liquid samples.*
- f. *Shipping Capacity*
 - (1) *Shipping of solidified and waste pressed 55 gallon drums; B-25 boxes containing non-compressible material for burial or further evaluation.*
 - (2) *Shipping of radiation and contamination instruments with attached sources and shipping of non-destructive test sources.*

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.

TRIDENT Refit Facility (TRIREFFAC), Bangor has developed and formalized a process for joint inter-operability with Aircraft Intermediate Maintenance Department Whidbey Island, Shore Intermediate Maintenance Activity Puget Sound, Intermediate Maintenance Activity Coordinator Center Puget Sound, for the planning and accomplishment of intermediate level maintenance. To date, TRIREFFAC, Bangor has accepted over 200 maintenance work items from over twelve customers, i.e., USS NIMITZ (CVN 68), USS TRUXTUN (CGN 35), etc.

TRIREFFAC, Bangor is a member of the Pacific Northwest Regional Maintenance Executive Steering Committee and participates on the Regional Maintenance Center Working Groups.

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 = 10.76

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

Facility Name / Function	CCN	Condition and Area (KSF)		
		Adequate	Substandard	Inadequate
Waterfront Storage Sheds/Operational Storage	143-77	17.7	0	0
Magnetic Silencing Facility Storage Shed/Waterfront Transit Shed	156-10	.7	0	0
Magnetic Silencing Facility/Deperming Bldg	159-30	6.4	0	0
Waterfront Operations Bldg	159-64	.3	0	1.6
Drydock	213-10	171.4	0	0
Refit Industrial Facility/SIMA	213-30	178.3	0	0
Strategic Weapons Second Level Maintenance Shop/Weapons Shop	213-51	40.6	0	0
Marine Machine Shop	213-52	5.9	0	0
Rigging Shop	213-61	.2	0	0
Nuclear Repair Shop	213-65	19.4	0	0
Pumphouse/Drydock	213-67	6.0	0	0
Diver Change House	213-68	3.8	0	0
Delta Support Facility/Waterfront Services Support Bldg	213-70	67.2	.2	0
Repair Shop Storage Bldg/Misc Storage	213-77	31.8	0	0
General Warehouse	441-10	87.6	0	0

Facility Name / Function	CCN	Condition and Area (KSF)		
		Adequate	Substandard	Inadequate
Hazardous and Flammables Storehouse	441-30	16.7	0	3.0
Subsat/Integrated Logistics Overhaul and Outfitting Bldg	441-71	21.9	0	0
Servmart	441-72	16.0	0	0
Administration Office	610-10	38.8	0	2.0
Data Processing Center	610-20	22.6	0	0
Classified Materials Shredder and Bldg	610-30	1.6	0	0
Installation Restaurant	740-26	4.6	0	0
Refit Pier Substations/Switching/Substation Building/Shelter	813-10	4.0	0	0
CCSPS Bldgs/Air conditioning valve house/shed/shelter	827-10	3.3	0	0
Pure Water Facility/Water Treatment Facility Bldg	841-09	2.8	0	0
ASW Bldg/Water Supply/Storage, Nonpotable water	844-10	.4	0	0
Mechanical Bldg/Misc Utility Plant Bldg	890-09	2.8	0	0
Refit Pier 1 & 2/Fitting Out Pier	151-30	1,280 FB	0	0
Magnetic Silencing Pier/Deperming Pier	151-80	696 FB	0	0
Marginal Wharf/Berthing Wharf	152-20		1,447 FB	0
Small Craft Berth	155-20	200 FB	0	0

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?

CCN 159-64. 1,640 SF building constructed in 1944 as a temporary building. Building is being used to store equipment used on the Delta Pier/Drydock, but no storage space exists on the Delta Platform. There is no other possible use. If a MCON for a storage building on Delta Platform is funded, this building will be vacated and should be demolished. The facility condition has not resulted in C3 or C4 designation on our BASEREP.

CCN 441-30. 3,000 SF building constructed in 1980 as a semi-permanent building. Building is being used to temporarily store Material Turn In Supplies. Because of building design and citing considerations, the building cannot be upgraded to adequate. The building could be used as a general storage warehouse. No funds are programmed for this. The facility condition has not resulted in C3 or C4 designation on our BASEREP.

CCN 610-10. 2,028 SF building constructed in 1975 as a semi-permanent building. The building is being used as an administrative building for contractors supporting Commander Submarine Squadron 17. The building is within an ESQD arc for D5 from SWFPAC. Therefore, long range planning requires that this building be vacated and not upgraded. The facility condition has not resulted in C3 or C4 designation on our BASEREP.

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 Submarine Base, Bangor	Yes
Security	Naval Submarine Base, Bangor	Yes
Fire	Naval Submarine Base, Bangor	Yes
Cafeteria	Navy Exchange	Yes
Parking	Ourselves	N/A
Utilities	Naval Submarine Base, Bangor	Yes
Child Care	Naval Submarine Base, Bangor	Yes

TYCOM NOTE: AS NOTED IN SUBBASE BANGOR ISSA N68436-90345-007, SUBBASE BANGOR PROVIDES THE FOLLOWING SUPPORT TO TRF BANGOR: ADP, FINANCE AND ACCOUNTING, HUMAN RESOURCE SERVICES, LEGAL, CUSTODIAN, FIRE PROTECTION, POLICE, HOUSING AND LODGING, FOOD SERVICE, STORAGE AND WAREHOUSING, TRANSPORTATION, UTILITIES, REAL PROPERTY MAINTENANCE AND REPAIR, DISPOSAL, ADMINISTRATIVE SERVICES, PUBLIC AFFAIRS, CHAPLAIN/RELIGIOUS SERVICES, SAFETY, COMMUNICATIONS, COMMUNITY AND SOCIAL ACTION SERVICES, ENTOMOLOGY, ICE AND SNOW REMOVAL, ENVIRONMENTAL QUALITY CONTROL, TRAINING, DISASTER PREPAREDNESS, TECHNICAL REFERENCE LIBRARY, VEHICLES AND VEHICULAR EQUIPMENT, MATERIAL HANDLING EQUIPMENT, ELECTRICAL AND ELECTRONIC EQUIPMENT AND COMPONENTS MAINTENANCE AND REPAIR, OFFICE FURNITURE AND EQUIPMENT MAINTENANCE AND REPAIR, POL, AND AUDIO/VISUAL SERVICES.

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

TRIDENT Refit Facility, Kings Bay, GA.

TYCOM NOTE: TRF BANGOR HAS INTERPRETED THIS QUESTION TO MEAN WHAT ACTIVITY WOULD BE BEST SUITED TO ASSUME THE ROLE AND MISSION OF TRF BANGOR IF TRF BANGOR WERE TO BE DISESTABLISHED. THE TYCOM AGREES THAT TRF KINGS BAY IS THE CORRECT ANSWER TO THIS QUESTION,

HOWEVER, 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 TRF BANGOR IF TRF BANGOR IS RELOCATED AS A RESULT OF CLOSURE OF THE HOST (SUBASE BANGOR). 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 SUBASE BANGOR. HOWEVER, BECAUSE OF THE SIZE OF THE TRF BANGOR COMPLEX AND THE LEVEL OF SUPPORT IT CURRENTLY RECEIVES FROM SUBASE BANGOR, IT IS THE OPINION OF THE TYCOM THAT NO EXISTING NAVAL COMPLEX (LESS TRF KINGS BAY) EXISTS WHICH COULD ABSORB TRF BANGOR AS A TENANT WITHOUT MAJOR MILCON TO INCREASE THE BASE OPERATING 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 (\$K)
P-072	Drydock Caisson Pier. This MCON will install a pier to provide a permanent mooring location for the second (spare) drydock caisson.	93	952
P-031	Data Processing Center Addition. This MCON constructed a 10,251 SF addition to the Data Processing Center.	89	1,978
P-050	Hazardous Flammable Warehouse. This MCON constructed a 11,325 SF building for storing flammable materials, oxidizers, acids, etc.	89	2,299
P-057	CRANE TRACK SPUR. THIS MCON EXTENDED THE PORTAL CRANE TRACK THE COMPLETE LENGTH OF REFIT PIER 2. THE SPUR IS UTILIZED AS A PARKING LOCATION FOR A PORTAL CRANE	91	648
P-029	MAINTENANCE STORAGE FACILITY. THIS MCON CONSTRUCTED A 20,000 SF WORK-IN-PROGRESS STORAGE FACILITY.	89	1,003
CA79-87	AIR CONDITION MANAGEMENT CENTER, BLDG 7000. THIS PROJECT AIR CONDITIONED THE MANAGEMENT CENTER.	89	181
C64-87	CONSTRUCT OFFICES AND HEADS, BLDG 7069. THIS PROJECT PROVIDED OFFICES AND HEADS FOR THE NUCLEAR REPAIR SHOP.	89	187
C80-87	CONSTRUCT HAZARDOUS WASTE STAGING FACILITY. THIS PROJECT CONSTRUCTED A 1250 SF HAZARDOUS WASTE STAGING FACILITY.	89	188

Project	Description	Fund Year	Value (\$K)
C27-88	CONSTRUCT NUCLEAR CONTAINMENT FACILITY. THIS PROJECT CONSTRUCTED A SAIL LOFT SHOP ON THE DELTA PIER.	91	188
P-052	<p>12KV feeder. This project was the second phase of the MCON to upgrade the electrical capacity to the Magnetic Silencing Facility. A portion of the overhead electrical line from the substation to the MSF building was deleted because of funding restraints. This portion of the project installed the deleted electrical wiring.</p> <p>UPGRADE MSF ELECTRICAL. THIS PROJECT UPGRADED THE ELECTRICAL CAPACITY TO THE MAGNETIC SILENCING FACILITY.</p>	91 88	47 394

TYCOM NOTE: CHANGES AND ADDITIONS TO TABLE 10.1 PROVIDED BY THE STATION ON 3 JUN 94 AND ENTERED BY TYCOM IN BOLD.

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 (\$K)
P-058 P-958	Nuclear Repair Facility. This MCON consolidates the Nuclear Repair Shops into one centrally located facility near the waterfront.	97 98	1,750

TYCOM NOTE: MCON PROJECT NUMBER CORRECTED TO MATCH 1391 PROJECT DATA SHEET.

TYCOM NOTE: MCON P-958 WAS SUBMITTED BY COMSUBPAC TO CINCPACFLT FOR FUNDING IN FY97. HOWEVER, BECAUSE OF HIGHER PRIORITY PROJECTS, P-958 WAS DEFERRED UNTIL FY98. THE PROJECT WILL BE RESUBMITTED FOR FUNDING SUPPORT IN FY98.

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. Investment, continued

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 10.1-10.3 above.

Table 10.4: Historic Investment Summary

Investment Category	\$ K
03 - Waterfront Operational Facilities	1904
07 - Shipyard Maintenance Production	5606
08 - Other Maintenance Production	448
	1227
12 - Other Supply Storage	448
17 - Utilities	1051
18 - Real Estate & Ground Structures	419
Other - Other	6617
Minor Construction	2858
	3353
MCON	999
	1600
Equipment (other than Class 2)	0
Activity TOTAL	20,350
	22,225

TYCOM NOTE: TABLE 10.4 UPDATED TO REFLECT REVISED INVESTMENT AMOUNTS RESULTING FROM REVISIONS TO TABLE 10.1. (MCON AND MINOR CONSTRUCTION PROJECTS). REVISED TABLE CONFIRMED WITH STATION ON 6 JUN 94.

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

Total planned Investments = \$ 42,091 K

TYCOM NOTE: TOTAL PLANNED INVESTMENT CALCULATED FROM ADDING TOTAL PROJECTED MRP BUDGET (\$27.9M), PROPOSED MINOR CONSTRUCTION

SPECIAL PROJECT PROGRAM(\$3.591M) AND MILCON BACKLOG(\$10.6M). ACTUAL INVESTMENT WILL PROBABLY BE LESS DUE TO THE NON-AVAILABILITY OF MILCON FUNDS IN THE FYDP.

10.6 Provide a list of all other documented major facility deficiencies not addressed in 10.1-10.3(e.g. major repairs) and the estimated cost to rectify each at this activity. Identify the reduction in operating costs anticipated in relation to each deficiency correction.

Table 10.6: Facility Deficiencies

Deficiency	Cost to Correct (\$ K)	Result of Corrections
Repair Marginal Wharf Shore Power (RC5-93)	1500	Marginal Wharf is 49 years old. The electrical distribution system is old and in need of repair. The shore outlets are lug and bus bar design and do not have pushbutton disconnects. The repair project will upgrade the electrical service to meet existing electrical code requirements.
Repair Drydock Cofferdams (R12-89)	811	The cofferdams need to be recoated because of corrosion on the steel materials. The recoating will extend the life of the steel cofferdams.
Maintenance of Magnetic Silencing Pier pilings (M1-94)	2755	This project will extend the life of the wooden pier pilings. The wooden piles were originally pressure treated to prevent marine borer damage, but the piles have been attacked.

TYCOM NOTE: SPECIAL PROJECT NUMBERS ENTERED BY TYCOM IN BOLD.

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
Production	1411	461
Production Support	1328	

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	1067	1128	1161	1211	1230	1266	1270	1229
Reserved	754	809	939	884	902	902	902	902
TOTAL	1,821	1,937	2,100	2,095	2,132	2,168	2,172	2,131
2nd shift	275	289	296	307	311	319	320	311

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	1262	1312	1312	1312	1312	1312	1312	1312
Reserved	931	931	931	931	931	931	931	931
TOTAL	2,193	2,243	2,243	2,243	2,243	2,243	2,243	2,243
2nd shift	313	329	329	329	329	329	329	329

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.

TRIDENT Refit Facility (TRIREFFAC), Bangor is located on the Hood Canal, a protected body of water with direct access to the Pacific Ocean.

TYCOM NOTE: THE STRATEGIC IMPORTANCE AND MILITARY VALUE OF THE 6,129 ACRE SUBBASE BANGOR COMPLEX, WHICH INCLUDES TRF BANGOR AND SWFPAC AS TENANTS, CAN NOT BE UNDERSTATED. LOCATED IN THE NORTHWESTERN UNITED STATES, THE COMPLEX PROVIDES THE COMPLETE SPECTRUM OF OPERATIONAL, INDUSTRIAL, TRAINING, WEAPONS AND PERSONNEL SUPPORT TO EIGHT (8) OHIO CLASS SSBNS HOMEPORTED AT SUBBASE BANGOR. LOCATED ON A PROTECTED BODY OF WATER WITH DIRECT ACCESS TO THE PACIFIC OCEAN, THE BANGOR COMPLEX IS AN INVALUABLE ELEMENT IN ENSURING THE HIGHEST STATE OF READINESS FOR THE PACIFIC DEPLOYED PORTION OF THE SEABASED ELEMENT OF THE TRIAD DEFENSE STRATEGY.

TRIREFFAC, Bangor has 15 major customer activities located within a 100 mile radius. They include Strategic Weapons Facility Pacific; Naval Undersea Warfare Center, Keyport Division; TRIDENT Training Facility; Naval Hospital, Bremerton; Naval Submarine Base, Bangor; Naval Computer & Telecommunications Station, Puget Sound; Puget Sound Naval Shipyard; McChord Air Force Base; Ft. Lewis.

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.

<i>Interstate Highway 5</i>	<i>40 miles (in Tacoma)</i>
<i>Sea-Tac airport</i>	<i>55 miles (between Seattle and Tacoma)</i>
<i>Port of Tacoma</i>	<i>40 miles (Tacoma)</i>
<i>Port of Seattle</i>	<i>90 miles (Seattle)</i>
<i>Cargo rail terminals</i>	<i>4 miles (within Naval Submarine Base, Bangor)</i>
	<i>40 miles (in Tacoma)</i>

TYCOM NOTE: THE RAIL TERMINAL LOCATED 4 MILES FROM TRF BANGOR IS THE BURLINGTON NORTHERN SPUR LINE LOCATED ON SUBBASE BANGOR IDENTIFIED IN QUESTION 12.3. THE THROUGHPUT CAPACITY OF THIS SPUR LINE IS EXTREMELY LIMITED AND SHOULD NOT BE CONSIDERED A FULLY CAPABLE RAIL TERMINAL FOR THE PURPOSE OF THIS DATA CALL.

12.3 Is your activity serviced by rail trackage providing direct access to commercial rail network? *No.* If not, identify the road-miles separating your activity from the nearest railhead access. *Burlington Northern Railroad has a spur line which enters Naval Submarine Base,*

Bangor, but it does not extend down to TRIDENT Refit Facility, Bangor. The spur line is 4 miles from TRIREFFAC, Bangor.

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 % Schedule Interrupted	0	0	0	0	0	0

Table 13.1.b: Impact on Operations

	July	August	September	October	November	December
Average % Schedule Interrupted	0	0	0	0	0	0.95

TYCOM NOTE: IN TABLE 38.1 OF QUESTION 38.b OF BRAC DATA CALL 37, SUBBASE BANGOR REPORTED ZERO (0) PERCENT DELAYS OF UPKEEPS OR IMA DAYS CANCELLED DUE TO WEATHER. AS NOTED ABOVE, TRF BANGOR, A TENANT OF SUBBASE BANGOR, REPORTED .95 PERCENT OF THEIR OPERATIONAL SCHEDULE IS INTERRUPTED IN DECEMBER. THE DISPARITY BETWEEN THESE TWO TABLES IS EXPLAINED IN SUBBASE BANGOR NOTES (1) AND (2) OF QUESTION 38.a OF SUBBASE BANGOR'S BRAC DATA CALL 37 INPUT WHICH STATES HIGH WINDS AND COLD WEATHER IMPACT SUCH ACTIVITIES AS CRANE OPERATIONS 2% OF THE TIME AND LINE HANDLING AND ON-LOAD/OFF-LOAD OF VESSELS 5% OF THE TIME.

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	0	0
Industrial	0	0

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

MCON project P-134, Triper Warehouse, FY99, estimated cost of \$2,150K, would construct 23,500 SF of high bay, heated storage space for storage of Triper shipboard components used for planned replacement on TRIDENT submarines.

TYCOM NOTE: ALTHOUGH LISTED IN THE COMSUBPAC MILCON BACKLOG, THIS PROJECT IS CURRENTLY UNPROGRAMMED.

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.

None.

Environment and Encroachment

15. Environmental Considerations

15.1 Identify all environmental restrictions to expansion at your activity.

None.

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.

The environmental issue addressed in the above question is not applicable to TRIDENT Refit Facility (TRIREFFAC), Bangor. TRIREFFAC is a tenant of the Naval Submarine Base (Subase), Bangor and does not own any Class 1 property (land) as documented in P-164, Detailed Inventory of Naval Shore Facilities. Subase, Bangor, as the host and/or land owner, is responsible for the above environmental issue. For an answer to this question, refer to the Naval Submarine Base, Bangor's data call 33 response.

TYCOM NOTE: TABLE 30.1 OF SUBASE BANGOR BRAC DATA CALL SIX INPUT AND ATTACHMENTS A AND B AND TABLE 8.b OF SUBASE BANGOR DATA CALL 33 INPUT PROVIDE A SUMMARY OF UNDEVELOPED ACREAGE OR WATERFRONT THAT IS SUITABLE FOR FURTHER INDUSTRIAL DEVELOPMENT.

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

Facilities:

Hazardous Material Storage: The conforming Hazardous Material Storage Facility, Building 7089 has 11,325 SF.

Hazardous Waste Staging Areas: TRIREFFAC, Bangor has two hazardous waste staging areas with a total of 1800 SF.

Programs:

TRIREFFAC, Bangor has a hazardous materials distribution system which includes delivery of hazardous materials to work centers and piers. A hazardous information control system is on line with bar coding of over 2000 line items.

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
ESQD wavier at Marginal Wharf North	Waiver expires 12/95	Waiver permits refit operations on 688 class SSNs and quarterly refit operations on former SSBNs during periods of ordnance handling at the Explosives Handling Wharf.

TYCOM NOTE: A COMPLETE SUMMARY OF THE ESQD ENCROACHMENTS AND THEIR IMPACT ON THE FUTURE DEVELOPMENT OF THE BANGOR COMPLEX ARE CONTAINED IN "SPP OD 61119, EXPLOSIVE SAFETY SITING, BANGOR, WASHINGTON", DTD 02 JUL 93. A COPY OF THIS DOCUMENT IS ON FILE WITH OPNAV N411 AND N87.

Quality of Life

TYCOM NOTE: TRIREFFAC IS A TENANT OF SUBBASE, BANGOR. SUBBASE BANGOR AS THE HOST, HAS OVERALL RESPONSIBILITY AND MANAGEMENT OF QUALITY OF LIFE DISCUSSED IN THE FOLLOWING SECTIONS. REFER TO SUBBASE BANGOR BRAC DATA CALL 37 RESPONSE.

17. Military Housing - Family Housing

TRIDENT Refit Facility, Bangor is a tenant of the Naval Submarine Base, Bangor. The following data applies to Family Housing at the Naval Submarine Base, Bangor.

17.1 Do you have mandatory assignment to on-base housing? 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+	36	36	0	0
Officer	3	45	45	0	0
Officer	1 or 2	36	36	0	0
Enlisted	4+	73	73	0	0
Enlisted	3	260	260	0	0
Enlisted	1 or 2	415	415	0	0
Mobile Homes		0	0	0	0
Mobile Home lots		0	0	0	0

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?

17. Military Housing - Family Housing, continued

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	Average Wait
O-6/7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	1	6 MOS
O-4/5	1	N/A	N/A
	2	N/A	N/A
	3	8	6 - 8 MOS
	4+	2	6 - 8 MOS
O-1/2/3/CWO	1	N/A	N/A
	2	37	3 - 6 MOS
	3	9	3 - 6 MOS
	4+	1	3 - 6 MOS
E7-E9	1	N/A	N/A
	2	11	18 - 24 MOS
	3	72	12 - 16 MOS
	4+	30	12 - 16 MOS
E1-E6	1	N/A	N/A
	2	890	18 - 24 MOS
	3	171	12 - 16 MOS
	4+	49	12 - 16 MOS

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.

Table 17.5: Housing Demand Factors

Top Five Factors Driving the Demand for Base Housing	
1	High Quality of Housing and Neighborhoods
2	Support of other Navy Families
3	Location of Base Housing close to Work
4	Security for the family
5	Nearness of Navy Exchange, Commissary, Recreational, and Medical Facilities

TYCOM NOTE: THE FOLLOWING TABLE REFLECTS REVISIONS RECEIVED FROM TRIREFFAC ON 7 JUNE 1994. TRIREFFAC IS A TENANT OF SUBBASE, BANGOR. SUBBASE BANGOR AS THE HOST, HAS OVERALL RESPONSIBILITY AND MANAGEMENT OF QUALITY OF LIVE DISCUSSED IN THE FOLLOWING SECTIONS. REFER TO SUBBASE BANGOR BRAC DATA CALL 37 RESPONSE.

Top Five Factors Driving the Demand for Base Housing	
1	The high cost of rentals in the community. Expensive for junior enlisted.
2	Available, affordable rentals are often inadequate.
3	Support of other Navy Families
4	Location of Base Housing close to Work
5	Security for the family

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 %

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%
Substandard	N/A
Inadequate	N/A

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?

There has been no change since 1993.

Quality of Life

18. Military Housing - Bachelor Quarters

TRIDENT Refit Facility, Bangor is a tenant of the Naval Submarine Base, Bangor. The following data applies to Bachelor Quarters at the Naval Submarine Base, Bangor.

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	92
Substandard	0
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?

Current rate is 98%. The increase is attributed to implementation of DoD standards of adequacy (1 October 1993).

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

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

$$\text{AOB} = \underline{\quad 44 \quad}$$

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.)	36	40	
Spouse Employment (non-military)	30	34	
Other	23	26	Divorce
TOTAL	89	100	

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

GB Off-Base = _____

Data cannot be determined.

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	96
Substandard	0
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 change.

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

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

$$\text{AOB} = \underline{\quad 4 \quad}$$

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	43	
Spouse Employment (non-military)	2	28.5	
Other	2	28.5	Divorce
TOTAL	7	100	

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

$$\# \text{ GB Off-Base} = \underline{\hspace{2cm}}$$

Data cannot be determined.

Quality of Life

19. MWR Facilities

TRIDENT Refit Facility, Bangor is a tenant of the Naval Submarine Base, Bangor. The following data applies to MWR Facilities at the Naval Submarine Base, Bangor.

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 Naval Submarine Base, Bangor DISTANCE 4 miles

Table 19.1.a: MWR Facilities Summary

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	8	N
	Outdoor Bays	3	N
Arts / Crafts	SF	1200	N
Wood Hobby	SF	0	N/A
Bowling	Lanes	16	Y
Enlisted Club/AD	SF	4,915	Y
Khaki Club	SF	2,216	N
Library	SF	10,045	N/A
Library	Books	20,000+	N/A
Theater	Seats	495	Y
ITT	SF	900	Y
Museum / Memorial	SF	0	N/A
Pool (indoor)	Lanes	10	N
Pool (outdoor)	Lanes	0	N/A
Beach	LF	0	N/A
Swimming Ponds	Each	0	N/A
Tennis Court	Each	8 ¹	N *
Volleyball court (outdoor)	Each	0	N/A
Basketball court (outdoor)	Each	1 ²	N/A
Racquetball court	Each	7	N
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium	SF	10,400 ³	N
Fitness Center	SF	4,400	N
Marina	Berths	0	N/A

WP N431E
9/2/94

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Stables	Stalls	0	N/A
Softball Field	Each	5	N *
Football Field	Each	1	N *
Soccer Field	Each	1	N *
Youth Center	SF	3,500	N ⁴
Lighthouse Youth Center	SF	7,970	Y ⁵
Outdoor Lakes	Each	3	N *
Outdoor Equip. Issue	SF	4,200	Y
RV/Storage	Stalls	95	Y
Car Wash	Stalls	4	Y
Fleet Recreation Center	SF	1,000	N *
Vet Clinic	SF	700	Y

WP N431E
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WP N431E
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WP N431E
9/2/94

WP N431E
9/2/94

WP N431E
9/2/94

- Note 1: 2 tennis courts are covered.
- Note 2: Outdoor court is covered with vinyl dome structure.
- Note 3: Includes (2) different facilities
- Note 4: Does not include before and after school care facility.
- Note 5: Does include before and after school care facility.

TYCOM NOTE: THOSE FACILITIES DENOTED BY AN "*" DO NOT CHARGE FOR USE OF THE FACILITY.

19.2 Is your library part of a regional interlibrary loan program? No

YES, IT IS AFFILIATED WITH THE WESTERN LIBRARY ASSOCIATION.

TYCOM NOTE: REVISION TO QUESTION 19.2 RECEIVED FROM TRIREFAC ON 7 JUNE 1994.

Quality of Life

20. Base Family Support Facilities and Programs

TRIDENT Refit Facility, Bangor is a tenant of the Naval Submarine Base, Bangor. The following data applies to Base Family Support Facilities and Programs at the Naval Submarine Base, Bangor.

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 (# of Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate *	Substandard	Inadequate		
0-6 Months	8	X	0	0	48	6 MOS TO 1 YR
6-12 Months	8	X	0	0	48	6 MOS TO 1 YR
12-24 Months	20	X	0	0	18	6 MOS TO 1 YR
24-36 Months	28	X	0	0	23	6 MOS TO 1 YR
3-5 Years	40	X	0	0	49	6 MOS TO 1 YR

* Adequate as determined by OPNAVINST 1700.9C.

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?

TYCOM NOTE: QUESTION IS NOT APPLICABLE TO TRIREFFAC SINCE SUBBASE BANGOR HAS NO SUBSTANDARD OR INADEQUATE CHILD CARE FACILITIES.

TRIREFFAC IS A TENANT OF SUBBASE, BANGOR. SUBBASE BANGOR AS THE HOST, HAS OVERALL RESPONSIBILITY AND MANAGEMENT OF QUALITY OF LIVE DISCUSSED IN THE FOLLOWING SECTIONS. REFER TO SUBBASE BANGOR BRAC DATA CALL 37 RESPONSE.

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.

There is a resource and referral agency in the community which will connect families in need of child care with licensed centers and home care providers. Presently, this agency has 385 care providers listed.

20.4 How many "certified home care providers" are registered at your base? # = 20

20.5 Are there other military child care facilities within 30 minutes of the base? **YES**
State owner and capacity (e.g. 60 children, 0-5 years).

Puget Sound Naval Shipyard. Capacity of Center #1 is 80 children; Center #2 is 53 children.

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	32,812
Gas Station	SF	200
Auto Repair	SF	2,000
Auto Parts Store	SF	1,600
Commissary	SF	45,422
Mini-Mart	SF	7,220/4,200
Package Store	SF	3,096
Fast Food Restaurants	Each	6
Bank/Credit Union	Each	2/1
Family Service Center	SF	50,984
Laundromat	SF	750
Dry Cleaners	Each	1

Service	Unit of Measure	Quantity
ARC	PN	None
Chapel	PN	500
FSC Classroom/Auditorium	PN	80
Barber Shop	SF	1255
NEX Optical Shop	SF	768
NEX Flower Shop	SF	750
NEX Garden Shop	SF	4,203

TYCOM NOTE: REVISIONS TO TABLE 20.6 RECEIVED FROM TRIREFAC ON 7 JUNE 1994 AND ENTERED IN BOLD BY TYCOM.

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)
Bremerton	12
Tacoma	39
Seattle	75

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

Pay grade	With Dependents	Without Dependents
E1	130.59	73.07
E2	130.59	82.12
E3	127.83	94.19
E4	149.24	104.16
E5	174.96	122.16
E6	211.71	144.11
E7	244.20	169.94
E8	235.65	178.15
E9	231.91	176.04
W1	228.91	173.85
W2	260.84	204.59
W3	234.91	173.62
W4	233.17	153.75
O1E	234.07	173.85
O2E	192.84	153.75
O3E	216.81	183.42
O1	194.76	143.52
O2	190.49	140.89
O3	211.61	178.16
O4	206.88	179.90
O5	183.46	151.72
O6	246.08	203.69
O7	176.48	143.39

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 of Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	375	275	\$65
Apartment (1-2 Bedroom)	700	450	\$80 - \$100
Apartment (3+ Bedroom)	800	650	\$100
Single Family Home (3 Bedroom)	1,400	600	\$150
Single Family Home (4+ Bedroom)	1,600	750	\$150 - \$225
Town House (2 Bedroom)	660	530	\$100
Town House (3+ Bedroom)	750	690	\$150
Condominium (2 Bedroom)	630	545	\$100
Condominium (3+ Bedroom)	750	700	\$150

23.2 What was the rental occupancy rate in the community as of 31 March 1994?

Table 23.2: Rental Occupancy Rate

Type Rental	Occupancy Rate (%)
Efficiency	93
Apartment (1-2 Bedroom)	95
Apartment (3+ Bedroom)	93
Single Family Home (3 Bedroom)	92
Single Family Home (4+ Bedroom)	91
Town House (2 Bedroom)	91
Town House (3+ Bedroom)	92
Condominium (2 Bedroom)	94
Condominium (3+ Bedroom)	95

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)	\$96,000
Single Family Home (4+ Bedroom)	\$98,000
Town House (2 Bedroom)	\$78,000
Town House (3+ Bedroom)	\$85,000
Condominium (2 Bedroom)	\$82,000
Condominium (3+ Bedroom)	\$85,000

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	Total Homes Available	Number of Bedrooms		
		2	3	4+
January	24	\$78,000	\$81,000	\$83,000
February	18	\$80,000	\$84,000	\$89,000
March	24	\$82,000	\$88,500	\$92,000
April	18	\$85,000	\$92,950	\$97,000
May	20	\$85,500	\$91,000	\$95,000
June	29	\$85,000	\$90,000	\$95,000
July	27	\$85,000	\$90,000	\$95,000
August	36	\$84,000	\$89,000	\$93,000
September	26	\$85,000	\$90,000	\$94,000
October	25	\$83,000	\$90,000	\$93,000
November	30	\$84,000	\$89,000	\$92,000
December	25	\$85,000	\$91,000	\$94,000

Housing Availability, continued

TYCOM NOTE: THE FOLLOWING TABLE REVISION TO TABLE 23.4 RECEIVED FROM TRIREFAC ON 7 JUNE 1994 TO MAINTAIN CONTINUITY WITH SUBBASE BANGOR BRAC DATA CALL 37.

Month	Number of Bedrooms		
	2	3	4+
January	136	108	27
February	113	90	22
March	153	122	31
April	96	77	19
May	99	79	19
June	133	90	22
July	100	80	19
August	120	96	24
September	92	74	18
October	111	89	22
November	99	79	19
December	73	58	14

23.5 Describe the principle housing cost drivers in your local area.

1. *Waterfront/view*
2. *Condition*
3. *Size*
4. *Neighborhood*
5. *Nearness to population centers/schools*
6. *Median income of community*

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	# Sea Billets in Local Area	# Shore Billets in Local Area
STS	224	10
EM	208	58
MM	208	148
ET	144	78
MS	114	0

TYCOM NOTE: THE ABOVE TABLE (24.1) PERTAINS ONLY TO TRIREFFAC AND THEREFORE, DIFFERS FROM SUBASE BANGOR DATA CALL 37 RESPONSE.

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)
East Bremerton	24	9	20
Silverdale	18	4	18
Poulsbo	12	5	20
Port Orchard	9	20	30
Bainbridge Island	1	18	25

TYCOM NOTE: THE ABOVE TABLE (25.1) PERTAINS ONLY TO TRIREFFAC AND THEREFORE, DIFFERS FROM SUBASE BANGOR DATA CALL 37 RESPONSE.

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.

Table 26.1: Educational Opportunities

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ACT Score	% HS Grad to Higher Educ	Source of Info
North Kitsap School District	Pub	K-12	Full Svs Program	\$4,203*	V-444 M-484	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
Central Kitsap School District	Pub	K-12	Full Svs Program	\$4,214*	V-439 M-471	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
South Kitsap School District	Pub	K-12	Full Svs Program	\$4,165*	V-419 M-461	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
Bremerton School District	Pub	K-12	Full Svs Program	\$4,137*	V-430 M-472	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
North Mason School District	Pub	K-12	Full Svs Program	\$4,132*	V-440 M-470	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
Peninsula School District	Pub	K-12	Full Svs Program	\$4,225*	V-452 M-495	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
Bainbridge Island School District	Pub	K-12	Full Svs Program	\$4,185*	V-491 M-542	85	WA State Supt of Public Inst WA State School Apportionment & School Dist

* Per pupil expenditures; no tuition is charged.

Legend - V=Verbal

M=Math

Additionally, there are approximately 30 pre-schools, 20 church-affiliated schools, and under 10 private schools in the Kitsap County area.

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	
City University	Day	No	No	No	No	No
	Night	No	No	Yes	Yes	Yes
Eton Tech Institute	Day	No	Yes	No	Yes	No
	Night	No	Yes	No	Yes	No
Northwest College of Art	Day	No	No	No	Yes	No
	Night	No	No	No	Yes	No
UW Tacoma Branch	Day	No	No	No	No	No
	Night	No	No	No	Yes	No
OLYMPIC COLLEGE	DAY	YES	YES	YES	YES	NO
	NIGHT	YES	YES	YES	YES	NO
WWSU @ Olympic College	Day	No	No	No	No	No
	Night	No	No	No	No	Yes

TYCOM NOTE: THE ABOVE REVISION TO TABLE 26.2 RECEIVED FROM TRIREFAC BANGOR ON 7 JUN 1994 AND ENTERED IN BOLD BY TYCOM.

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	
Olympic College	Day	No	No	Yes	No	No
	Night	No	Yes	Yes	Yes	No
	Correspondence	No	No	No	No	No
Southern Illinois University	Day	No	No	No	Yes	No
	Night	No	No	No	No	No
	Correspondence	No	No	No	No	No
Chapman University	Day	No	NO	No	No	No
	Night	No	No	Yes	Yes	Yes
	Correspondence	No	NO	No	No	No

TYCOM NOTE: THE ABOVE REVISION TO TABLE 26.3 RECEIVED FOR TRIREFFAC ON 7 JUNE 1994 AND ENTERED IN BOLD BY TYCOM.

Quality of Life

27. Spousal Employment Opportunities

The following data is for the total Naval Submarine Base, Bangor complex.

27.1 Provide the following data on spousal employment opportunities.

Table 27.1: Spouse Employment

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%)
	1991	1992	1993	
Professional	21	16	31	**
Manufacturing	0	1	8	
Clerical	24	62	75	
Service	16	43	54	
Other	0	0	0	

** Kitsap County unemployment rate: March 1993 = 7.2%,
March 1994 = 6.4%
(No breakdown by skill levels.)

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.

No difficulties have been identified. There is an active program between the Naval Hospital, Bremerton, and TRIDENT Refit Facility, Bangor for scheduling of appointments for physical exams, etc.

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.

No difficulties have been identified. This has been confirmed during check-out conferences.

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.

TYCOM NOTE: THE FOLLOWING TABLE 29.1.a DATA PERTAINS ONLY TO TRIREFFAC BANGOR AND THEREFORE DIFFERS FROM SUBBASE BANGOR DATA CALL 37 RESPONSE. REFER TO SUBBASE BANGOR DATA CALL 37 FOR THE CRIME RATE DATA FOR THE SUBBASE BANGOR COMPLEX.

Table 29.1.a: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
2. Blackmarket (6C)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
3. Counterfeiting (6G)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
4. Postal (6L)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None

29. Crime Rate, continued

Table 29.1.b: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
6. Burglary (6N)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
7. Larceny - Ordnance (6R)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
8. Larceny - Government (6S)			
Base Personnel - military	1	1	3
Base Personnel - civilian	Not available	Not available	Not available
Off Base Personnel - military	Not available	Not available	Not available
Off Base Personnel - civilian	Not available	Not available	Not available

29. Crime Rate, continued

Table 29.1.c: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	0	2	1
Off Base Personnel - civilian	None	None	None
10. Wrongful Destruction (6U)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
11. Larceny - Vehicle (6V)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
12. Bomb Threat (7B)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None

29. Crime Rate, continued

Table 29.1.d: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
14. Assault (7G)			
Base Personnel - military	0	0	0
Base Personnel - civilian	Not available	Not available	Not available
Off Base Personnel - military	0	1	2
Off Base Personnel - civilian	Not available	Not available	Not available
15. Death (7H)			
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
16. Kidnapping (7K)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None

29. Crime Rate, continued

Table 29.1.e: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military	1	1	2
Base Personnel - civilian	Not available	Not available	Not available
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	Not available	Not available	Not available
19. Perjury (7P)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
20. Robbery (7R)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
21. Traffic Accident (7T)			
Base Personnel - military	8	1	11
Base Personnel - civilian	4	1	7
Off Base Personnel - military	1	1	0
Off Base Personnel - civilian	1	0	0

29. Crime Rate, continued

Table 29.1.f: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
23. Indecent Assault (8D)			
Base Personnel - military	0	0	1
Base Personnel - civilian	Not available	Not available	Not available
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	Not available	Not available	Not available
24. Rape (8F)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None
25. Sodomy (8G)			
Base Personnel - military	None	None	None
Base Personnel - civilian	None	None	None
Off Base Personnel - military	None	None	None
Off Base Personnel - civilian	None	None	None

FACTOR EVALUATION SHEET

140-A-94-115-CR
Program Analyst, GS-0343-15

SPOUSE PREFERENCE
VRA
FEORP
30% DISABLED VET
HANDICAPPED

Robert Moreira
Qualifier Status:

Meets Selective Placement Factors (*) _____ Personnelist's Signature _____

Veteran Preference: _____ Lateral: _____ Eligible Grade(s): _____ Supplement: Yes No

Yes	No		Points		
			#1	#2	#3
		<p>*1. Extensive knowledge of the DoD acquisition management system, including a broad knowledge of acquisition policies and related procedures and practices</p> <p>*2. Comprehensive knowledge of the DoD requirements determination system, including the interface between the acquisition system and the requirements system.</p> <p>*3. Comprehensive knowledge of the DoD Planning, Programming and Budgeting System, including the interface between the acquisition system and the PPBS</p> <p>4. Superior capability to communicate orally and in writing</p> <p>5. Knowledge of the congressional legislative process.</p> <p>6. Knowledge and experience with major systems.</p> <p>7. Knowledge of DoD organization and relationships with Congress and other agencies and industry.</p>			
		TOTAL			

*Scale for Ranking Factors:

	Point Levels	
Selective Factors (*)	25 15 10	
Other Factors	9 6 3	

Panel Member's Signature _____

AVERAGE POINTS _____

BRAC-95 CERTIFICATION DATA CALL FORTY FIVE

TRF BANGOR

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

MAJOR CLAIMANT LEVEL

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


Signature

Commander In Chief
Title (Acting)

14 JUL 94
Date

U. S. Pacific Fleet
Activity

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

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

W. A. EARNER
NAME (Please type or print)


Signature

Title

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. R. HARVEY, CAPT, USN
NAME (Please type or print)

COMMANDER
Title

SUBMARINE SQUADRON SEVENTEEN
Activity

J. R. Harvey
Signature
6/3/94
Date

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

NEXT ECHELON LEVEL (if applicable)

T. J. ELLIOTT
NAME (Please type or print)

COMMANDER (ACTING)
Title

SUBMARINE FORCE, U.S. PACIFIC FLEET
Activity

Thomas J. Elliott
Signature
7 Jun 94
Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

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

NAME (Please type or print)

Title

Signature

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

M. J. BAGAGLIO, JR., CAPT, USN
NAME (Please type or print)

Mario J. Bagaglio Jr.
Signature

COMMANDING OFFICER
Title

5/31/94
Date

TRIDENT REFIT FACILITY, BANGOR
Activity

157

25 May 1994

Capacity

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

*pg 65 is
in the
page*

Category **Industrial Activities**
Type **SIMAs / NRMFs / TRFs**

Claimant **CINCLANTFLT**
..... **CINCPACFLT**

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(1)

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

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

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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 Maintenance Activity
TRF	Trident Refit Facility
UIC	Unit Identification Code

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

Primary UIC: N68438

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

Mission Area**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
SSBN 726	8	8	8	8	7	8
YTBs/PTB	4	4	4	4	4	4
Other SSBNs	1	5	4	3	3	0
SSN	11	13	5	4	1	1
AOE	2	2	2	2	2	2
MSO	5	5	6	3	3	3
CGN/CVN	4	4	6	6	3	3
Miscellaneous	0	2	2	1	3	1
Total	35	43	37	31	26	22

Note 1. Miscellaneous includes: WHEC, AGDS, ARS, AS, AOR, DDG & CG hulls.

TYCOM NOTE: USS OHIO WILL BE IN OVERHAUL AT PSNSY IN FY94, RESULTING IN TRF'S WORKLOAD BEING REDUCED BY ONE SSBN FOR THIS FY. NOTE THAT THIS TABLE DOES NOT MATCH SUBBASE BANGOR TABLE 6.1 FOR DATA CALL SIX, WHICH REFLECTS 8 SSBNs HOMEPORTED IN FY94. THIS IS BECAUSE SUBBASE BANGOR WILL RETAIN ALL SUPPORT REQUIREMENTS FOR THE USS OHIO CREWS DURING THE OVERHAUL.

TYCOM NOTE: OTHER SSBNs SHOWN IN FY90 THROUGH FY94 ARE OLDER SSBNs WHICH HAD PRE-INACTIVATION WORK PERFORMED ON THEM BY TRF PRIOR TO REPORTING TO PSNSY FOR INACTIVATION. NO OTHER SSBN PRE-INACTIVATION WORK IS CURRENTLY SCHEDULED TO BE COMPLETED BY TRF.

TYCOM NOTE: THE ONLY SSN SCHEDULED TO BE SUPPORTED BY TRF IN THE OUTYEARS IS THE USS PARCHE, WHICH WILL RELOCATE TO SUBASE BANGOR IN FY95 AS DIRECTED BY BRAC 93.

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
SSBN 726	8	8	8	8	8	8
YTBs/PTB	4	4	4	4	4	4
SSN	1	1	1	1	1	1
AOE	2	2	2	2	2	2
MSO	3	3	3	3	3	3
CGN/CVN	3	3	3	3	3	3
Total	21	21	21	21	21	21

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
SSBN 726	1,200	1,174	1,068	1,092	1,046	1,025
YTBs/PTB	26	16	21	6	20	21
Other SSBNs	1	2	47	1	1	0
SSN	57	98	19	5	4	78
AOE	1	0	1	2	6	5
MSO	1	1	0	1	1	1
CGN/CVN	1	2	3	2	4	4
Miscellaneous	2	1	0	0	2	0
Production Support Man hours	1,168	1,148	1,205	1,328	1,402	1,402
Total	2,457	2,442	2,364	2,437	2,486	2,536

Note 1. Miscellaneous includes: WHEC, AGDS, ARS, AS, AOR, DDG & CG hulls.

<i>AOE</i>	1	0	1	2	6	5
<i>MSO</i>	1	1	0	1	1	1
<i>CGN/CVN</i>	1	2	3	2	4	4
<i>Miscellaneous</i>	2	1	0	0	2	0
<i>Production Support Man hours</i>	1,168	1,148	1,205	1,328	1,402	1,402
<i>Total</i>	2,457	2,442	2,364	2,437	2,486	2,536

Note 1. Miscellaneous includes: WHEC, AGDS, ARS, AS, AOR, DDG & CG hulls.

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

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
SSBN 726	1,070	1,103	1,120	1,091	1,099	1,099
YTBs/PTB	19	19	18	18	18	18
SSN	78	78	78	78	78	78
AOE	5	5	5	5	5	5
MSO	1	1	1	1	1	1
CGN/CVN	4	4	4	4	4	4
Production Support Man hours	1,402	1,402	1,402	1,402	1,402	1,402
Total	2,579	2,612	2,628	2,599	2,607	2,607

Note 1. *Miscellaneous includes: WHEC, AGDS, ARS, AS, AOR, DDG & CG hulls.*

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

TYCOM NOTE: THE PROJECTED WORKLOAD FOR A GIVEN CLASS OF SHIP WAS DERIVED FROM THE PROJECTED REQUIREMENTS OF THE SHIP CLASS MAINTENANCE PLAN, AND VARIATIONS FROM YEAR TO YEAR REFLECT THE PERIODICITY OF CERTAIN MAINTENANCE REQUIREMENTS.

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
SSBN 726	8	8	8	8	8	8	8
YTBs/PTB	4	4	4	4	4	4	4
SSN	1	1	1	1	1	1	1
AOE	2	2	2	2	2	2	2
MSO	3	3	3	3	3	3	3
CGN/CVN	3	3	3	3	3	3	3
Miscellaneous	1	0	0	0	0	0	0
Total	22 ✓	21 ✓	21 ✓	21	21 ✓	21 ✓	21 ✓

1. *Ship Work, continued*Table 1.2.b: *Maximum Potential Ship Work*

<i>Ship Class</i>	<i>Workload (K DLMHs)</i>						
	<i>FY 1995</i>	<i>FY 1996</i>	<i>FY 1997</i>	<i>FY 1998</i>	<i>FY 1999</i>	<i>FY 2000</i>	<i>FY 2001</i>
<i>SSBN 726</i>	1156	1204	1240	1258	1227	1235	1235
<i>YTBs/PTB</i>	24	21	21	20	20	20	20
<i>SSN</i>	88	88	88	88	88	88	88
<i>AOE</i>	6	6	6	6	6	6	6
<i>MSO</i>	1	1	1	1	1	1	1
<i>CGN/CVN</i>	5	5	5	5	5	5	5
<i>Production Support Man hours</i>	1581	1579	1576	1575	1577	1577	1577
<i>Total</i>	2,861	2,904	2,937	2,953	2,924	2,932	2,932

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

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**

<i>FY 1995</i> Ship Class	Workload (unit - ships)		
	Predicted Work	Potential Workload	Variance
SSBN 726	8	8	0
YTBS/PTB	4	4	0
SSN	1	1	0
AOE	2	2	0
MSO	3	3	0
CGN/CVN	3	3	0
Miscellaneous	1	1	0
FY 1995 TOTAL:	22 ✓	22 ✓	0 ✓

2. Ship Work 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
SSBN 726	8	8	0
YTBs/PTB	4	4	0
SSN	1	1	0
AOE	2	2	0
MSO	3	3	0
CGN/CVN	3	3	0
FY 1996 TOTAL:	21	21	0

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
SSBN 726	8	8	0
YTBS/PTB	4	4	0
SSN	1	1	0
AOE	2	2	0
MSO	3	3	0
CGN/CVN	3	3	0
FY 1997 TOTAL:	21	21	0

2. Ship Work Summary, continued

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

Ship Class	FY 1998		
	Workload (units - ships)		
	Predicted Work	Potential Workload	Variance
SSBN 726	8	8	0
YTBs/PTB	4	4	0
SSN	1	1	0
AOE	2	2	0
MSO	3	3	0
CGN/CVN	3	3	0
FY 1998 TOTAL:	21	21	0

2. Ship Work Summary, continued

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

Ship Class	FY 1999		
	Workload (units - ships)		
	Predicted Work	Potential Workload	Variance
SSBN 726	8	8	0
YTBs/PTB	4	4	0
SSN	1	1	0
AOE	2	2	0
MSO	3	3	0
CGN/CVN	3	3	0
FY 1999 TOTAL:	21	21	0

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
SSBN 726		8	8	0
YTBs/PTB		4	4	0
SSN		1	1	0
AOE		2	2	0
MSO		3	3	0
CGN/CVN		3	3	0
FY 2000 TOTAL:		21	21	0

2. Ship Work Summary, continued

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

Ship Class	<i>FY 2001</i>		
	Workload (units - ships)		
	Predicted Work	Potential Workload	Variance
SSBN 726	8	8	0
YTBs/PTB	4	4	0
SSN	1	1	0
AOE	2	2	0
MSO	3	3	0
CGN/CVN	3	3	0
FY 2001 TOTAL:	21	21	0

2. *Ship Work Summary, continued*Table 2.1.h: *PREDICTED SHIP WORK VARIANCE of SIMAs/TRFs for FY 1995*

<i>Ship Class</i>	<i>Workload (DLMHs)</i>		
	<i>Predicted Work</i>	<i>Potential Workload</i>	<i>Variance</i>
<i>SSBN 726</i>	1025	1156	131
<i>YTBs/PTB</i>	21	24	3
<i>SSN</i>	78	88	10
<i>AOE</i>	5	6	1
<i>MSO</i>	1	1	0
<i>CGN/CVN</i>	4	5	1
<i>Miscellaneous</i>	0	0	0
<i>Production Support Man hours</i>	1402	1581	179
<i>FY 1995 TOTAL:</i>	2,536	2,861	325

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

2. *Ship Work Summary, continued*Table 2.1.i: *PREDICTED SHIP WORK VARIANCE for FY 1996*

<i>Ship Class</i>	<i>Workload (DLMHs)</i>		
	<i>Predicted Work</i>	<i>Potential Workload</i>	<i>Variance</i>
<i>SSBN 726</i>	1070	1204	134
<i>YTBs/PTB</i>	19	21	2
<i>SSN</i>	78	88	10
<i>AOE</i>	5	6	1
<i>MSO</i>	1	1	0
<i>CGN/CVN</i>	4	5	1
<i>Production Support Man' hours</i>	1402	1579	177
<i>FY 1996 TOTAL:</i>	2,579	2,904	325

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

2. *Ship Work Summary, continued*Table 2.1.j: *PREDICTED SHIP WORK VARIANCE for FY 1997*

<i>Ship Class</i>	<i>Workload (DLMHs)</i>		
	<i>Predicted Work</i>	<i>Potential Workload</i>	<i>Variance</i>
<i>SSBN 726</i>	1103	1240	137
<i>YTBs/PTB</i>	19	21	2
<i>SSN</i>	78	88	10
<i>AOE</i>	5	6	1
<i>MSO</i>	1	1	0
<i>CGN/CVN</i>	4	5	1
<i>Production Support Man hours</i>	1402	1576	174
<i>FY 1997 TOTAL:</i>	2,612	2,937	325

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

2. *Ship Work Summary, continued*Table 2.1.k: *PREDICTED SHIP WORK VARIANCE for FY 1998*

<i>Ship Class</i>	<i>Workload (DLMHs)</i>		
	<i>Predicted Work</i>	<i>Potential Workload</i>	<i>Variance</i>
<i>SSBN 726</i>	1120	1258	138
<i>YTBs/PTB</i>	18	20	2
<i>SSN</i>	78	88	10
<i>AOE</i>	5	6	1
<i>MSO</i>	1	1	0
<i>CGN/CVN</i>	4	5	1
<i>Production Support Man hours</i>	1402	1575	173
<i>FY 1998 TOTAL:</i>	2,628	2,953	325

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

2. *Ship Work Summary, continued*Table 2.1.1: *PREDICTED SHIP WORK VARIANCE for FY 1999*

<i>Ship Class</i>	<i>Workload (DLMHs)</i>		
	<i>Predicted Work</i>	<i>Potential Workload</i>	<i>Variance</i>
<i>SSBN 726</i>	1091	1227	136
<i>YTBs/PTB</i>	18	20	2
<i>SSN</i>	78	88	10
<i>AOE</i>	5	6	1
<i>MSO</i>	1	1	0
<i>CGN/CVN</i>	4	5	1
<i>Production Support Man hours</i>	1402	1577	175
<i>FY 1999 TOTAL:</i>	2,599	2,924	325

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

2. *Ship Work Summary, continued*Table 2.1.m: *PREDICTED SHIP WORK VARIANCE for FY 2000*

<i>Ship Class</i>	<i>Workload (DLMHs)</i>		
	<i>Predicted Work</i>	<i>Potential Workload</i>	<i>Variance</i>
<i>SSBN 726</i>	1099	1235	136
<i>YTBs/PTB</i>	18	20	2
<i>SSN</i>	78	88	10
<i>AOE</i>	5	6	1
<i>MSO</i>	1	1	0
<i>CGN/CVN</i>	4	5	1
<i>Production Support Man hours</i>	1402	1577	175
<i>FY 2000 TOTAL:</i>	2,607	2,932	325

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

2. *Ship Work Summary, continued*Table 2.1.n: *PREDICTED SHIP WORK VARIANCE for FY 2001*

<i>Ship Class</i>	<i>Workload (DLMHs)</i>		
	<i>Predicted Work</i>	<i>Potential Workload</i>	<i>Variance</i>
<i>SSBN 726</i>	1099	1235	136
<i>YTBs/PTB</i>	18	20	2
<i>SSN</i>	78	88	10
<i>AOE</i>	5	6	1
<i>MSO</i>	1	1	0
<i>CGN/CVN</i>	4	5	1
<i>Production Support Man hours</i>	1402	1577	175
<i>FY 2001 TOTAL:</i>	2,607	2,932	325

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

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
11	149	136	107	129	87	150
Total	149	136	107	129	87	150

Table 3.1.b: Depot Level Workload

Commodity Group	Workload (DLMHs)					
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
11	153	152	174	203	176	176
Total	153	152	174	203	176	176

3. Depot Level Maintenance, continued

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

Depot level repairs are conducted on items such as: pumps, motors, valves, actuators, vent fans, periscope systems, navigation equipment and weapons systems. These items are refurbished to class "B" overhaul standards.

Class "B" standards restore asset performance standards to meet new condition criteria. Refurbishments are certified to new condition in accordance with strict written specifications (i.e., maintenance requirements procedures/TRIPER refurbishment instructions (MRPS/TRIS)) and within established refurbishment turnaround times (RTATS).

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
11	150	153	152	174	203	176	176
Total	150	153	152	174	203	176	176

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> Commodity Group	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
11	150	150	0
FY 1995 TOTAL:	150	150	0

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

<i>FY 1996</i> Commodity Group	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
11	153	153	0
FY 1996 TOTAL:	153	153	0

4. Depot Work Summary, continued

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

<i>FY 1997</i> Commodity Group	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
11	152	152	0
FY 1997 TOTAL:	152	152	0

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

<i>FY 1998</i> Commodity Group	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
11	174	174	0
FY 1998 TOTAL:	174	174	0

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

<i>FY 1999</i> Commodity Group	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
11	203	203	0
FY 1999 TOTAL:	203	203	0

4. Depot Work Summary, continued

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

<i>FY 2000</i> Commodity Group	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
11	176	176	0
FY 2000 TOTAL:	176	176	0

Table 4.1.g: PREDICTED DEPOT WORK VARIANCE for *FY 2001*

<i>FY 2001</i> Commodity Group	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
11	176	176	0
FY 2001 TOTAL:	176	176	0

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	211	199	202	186	188	196
Mechanical Calibration	19	19	17	17	17	17
Electroplating	16	14	13	13	14	14
Conventional Valve and Pump Repair	279	254	226	228	230	239
Other Machining & Manufacturing	185	166	152	149	149	155
Motor Rewind & Recondition	133	140	115	114	119	124
Nuclear Repair	104	104	123	121	122	127
RADCON	96	90	106	106	108	112
Submarine QC & NDT	176	177	155	159	160	167
Other QC&NDT	0	0	0	0	0	0
Flex Hose Repair & Test	67	68	62	67	66	69
Other IMA Work	1484	1487	1471	1579	1594	1659
Total	2,770	2,718	2,642	2,739	2,767	2,879

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	197	197	200	200	199	199
Mechanical Calibration	18	17	18	18	17	17
Electroplating	15	14	15	15	15	15
Conventional Valve and pump repair	243	241	244	244	242	242
Other Machining & Manufacturing	158	157	159	159	158	158
Motor Rewind & Recondition	126	125	126	126	126	126
Nuclear Repair	129	128	129	129	128	128
RADCON	114	113	115	115	114	114
Submarine QC & NDT	169	168	171	171	169	169
Other QC&NDT	0	0	0	0	0	0
Flex Hose Repair & Test	70	69	71	71	70	70
Other IMA Work	1683	1675	1692	1692	1683	1683
Total	2,922	2,904	2,940	2,940	2,921	2,921

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	218	219	219	222	222	221	221
Mechanical Calibration	19	20	19	20	20	19	19
Electroplating	16	17	16	17	17	17	17
Conventional Valve and Pump Repair	266	270	268	271	271	269	269
Other Machining & Manufacturing	172	176	175	177	177	176	176
Motor Rewind & Recondition	138	140	139	140	140	140	140
Nuclear Repair	141	143	142	143	143	142	142
RADCON	125	127	126	128	128	127	127
Submarine QC & NDT	186	188	187	190	190	188	188
Other QC & NDT	0	0	0	0	0	0	0
Flex Hose Repair & Test	77	78	77	79	79	78	78
Other IMA Work	1846	1869	1861	1878	1878	1869	1869
Total	3,204	3,247	3,229	3,265	3,265	3,246	3,246

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>FY 1995</i>		
	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
Electronic Repair & Calibration	196	218	22
Mechanical Calibration	17	19	2
Electroplating	14	16	2
Conventional Valve and pump repair	239	266	27
Other Machining & Manufacturing	155	172	17
Motor Rewind & Recondition	124	138	14
Nuclear Repair	127	141	14
RADCON	112	125	13
Submarine QC & NDT	167	186	19
Other QC & NDT	0	0	0
Flex Hose Repair & Test	69	77	8
Other IMA Work	1659	1846	187
FY 1995 TOTAL:	2,879	3,204	325

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	197	219	22
Mechanical Calibration	18	20	2
Electroplating	15	17	2
Conventional Valve and pump repair	243	270	27
Other Machining & Manufacturing	158	176	18
Motor Rewind & Recondition	126	140	14
Nuclear Repair	129	143	14
RADCON	114	127	13
Submarine QC & NDT	169	188	19
Other QC & NDT	0	0	0
Flex Hose Repair & Test	70	78	8
Other IMA Work	1683	1869	186
FY 1996 TOTAL:	2,922	3,247	325

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	197	219	22
Mechanical Calibration	17	19	2
Electroplating	14	16	2
Conventional Valve and pump repair	241	268	27
Other Machining & Manufacturing	157	175	18
Motor Rewind & Recondition	125	139	14
Nuclear Repair	128	142	14
RADCON	113	126	13
Submarine QC & NDT	168	187	19
Other QC & NDT	0	0	0
Flex Hose Repair & Test	69	77	8
Other IMA Work	1675	1861	186
FY 1997 TOTAL:	2,904	3,229	325

6. Functional Work Summary, continued

Table 6.1.d: PREDICTED FUNCTIONAL WORK VARIANCE for *FY 1998*

<i>Functional Area</i>	<i>FY 1998</i>		
	Workload (DLMHs)		
	Predicted Work	Potential Workload	Variance
Electronic Repair & Calibration	200	222	22
Mechanical Calibration	18	20	2
Electroplating	15	17	2
Conventional Valve and pump repair	244	271	27
Other Machining & Manufacturing	159	177	18
Motor Rewind & Recondition	126	140	14
Nuclear Repair	129	143	14
RADCON	115	128	13
Submarine QC & NDT	171	190	19
Other QC & NDT	0	0	0
Flex Hose Repair & Test	71	79	8
Other IMA Work	1692	1878	186
FY 1998 TOTAL:	2,940	3,265	325

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	200	222	22
Mechanical Calibration	18	20	2
Electroplating	15	17	2
Conventional Valve and pump repair	244	271	27
Other Machining & Manufacturing	159	177	18
Motor Rewind & Recondition	126	140	14
Nuclear Repair	129	143	14
RADCON	115	128	13
Submarine QC & NDT	171	190	19
Other QC & NDT	0	0	0
Flex Hose Repair & Test	71	79	8
Other IMA Work	1692	1878	186
FY 1999 TOTAL:	2,940	3,265	325

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	199	221	22
Mechanical Calibration	17	19	2
Electroplating	15	17	2
Conventional Valve and pump repair	242	269	27
Other Machining & Manufacturing	158	176	18
Motor Rewind & Recondition	126	140	14
Nuclear Repair	128	142	14
RADCON	114	127	13
Submarine QC & NDT	169	188	19
Other QC & NDT	0	0	0
Flex Hose Repair & Test	70	78	8
Other IMA Work	1683	1869	186
FY 2000 TOTAL:	2,921	3,246	325

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	199	221	22
Mechanical Calibration	17	19	2
Electroplating	15	17	2
Conventional Valve and pump repair	242	269	27
Other Machining & Manufacturing	158	176	18
Motor Rewind & Recondition	126	140	14
Nuclear Repair	128	142	14
RADCON	114	127	13
Submarine QC & NDT	169	188	19
Other QC & NDT	0	0	0
Flex Hose Repair & Test	70	78	8
Other IMA Work	1683	1869	186
FY 2001TOTAL:	2,921	3,246	325

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)	107	106	90	112	90	99
Ship Modernization (Nuclear)	3	1	4	20	14	15
Ship Maintenance (Conventional)	1,129	1,120	1,024	961	932	1,027
Ship Maintenance (Nuclear)	60	70	44	19	39	43
Aircraft Maintenance	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Facility / IPE Maintenance	139	124	158	155	144	144
Other Maintenance	164	149	117	144	146	149
Production Support Man hours	1,168	1,148	1,205	1,328	1,402	1,402
TOTAL:	2,770	2,718	2,642	2,739	2,767	2,879

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

Note 1. Production support man hours are only captured by fiscal year, not by category or unit.

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)	103	102	103	101	101	101
Ship Modernization (Nuclear)	16	16	16	15	16	16
Ship Maintenance (Conventional)	1,065	1,049	1,063	1,038	1,045	1,045
Ship Maintenance (Nuclear)	44	43	44	43	43	43
Aircraft Maintenance	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Facility / IPE Maintenance	141	141	141	141	141	141
Other Maintenance	151	151	171	200	173	173
Production Support Man hours	1,402	1,402	1,402	1,402	1,402	1,402
TOTAL:	2,922	2,904	2,940	2,940	2,921	2,921

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

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

Note 1. For all FYs, Other Maintenance includes TRIDENT Planned Equipment Replacement (TRIPER) Refurbishment and assigned maintenance from other shore activities. For FY 94, it also includes the backlog for alterations, preventive maintenance and corrective maintenance.

Note 2. Production support man hours are only captured by fiscal year, not by category or unit.

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)	110	114	113	114	112	112	112
Ship Modernization (Nuclear)	17	18	18	18	17	18	18
Ship Maintenance (Conventional)	1143	1183	1166	1180	1152	1161	1161
Ship Maintenance (Nuclear)	48	49	48	49	48	48	48
Aircraft Maintenance	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Workload Category	Workload (K DLMHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Facility / IPE Maintenance	160	157	157	157	157	157	157
Other Maintenance	166	168	168	190	222	192	192
Production Support Man hours	1560	1558	1559	1557	1557	1558	1558
TOTAL:	3,204	3,247	3,229	3,265	3,265	3,246	3,246

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 TRF ARE "PRODUCTIVE MANHOURS" FOR THAT PARTICULAR SHIP CLASS AND DO NOT INCLUDE "PRODUCTION SUPPORT" MANHOURS. PRODUCTION SUPPORT MANHOURS CAN NOT 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.

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.

MCON P-958, Nuclear Repair Facility, FY97, \$1,750,000. This project consolidates the Nuclear Repair Shops into one centrally located facility near the waterfront. No additional capacity is included in the project. There will be increased efficiency and less lost time going between buildings and the Delta Pier.

TYCOM NOTE: TRF MILCON PROJECT P-958 WAS SUBMITTED TO CPF FOR INCLUSION IN THIER FY97 MILCON INTEGRATED PRIORITY LIST. HOWEVER, THE PROJECT DID NOT MAKE THE FINAL FY97 LIST AND WILL BE RESUBMITTED FOR INCLUSION IN THE FY98 PROGRAM. THE PROJECT IS CURRENTLY SHOWN IN RAD IX IN FY99.

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.

Industrial Plant Equipment that would be added, changed or modified to increase production work capacity would be the equipment items already identified in the outyears Other Procurement, Navy budget call.

FY 95 requirements total \$1,717,000. Some items include: Universal armature machine, horizontal honing machine, thread grinder, 2-19" and 2-26" CNC lathes, 6" honing machine, 48" x 36" boring machine, CNC vertical spindle mill, and electrical discharge machine.

FY 96 requirements total \$1,294,000. Some items include: 56" boring and turning machine, vertical milling machine, laser engraving machine, cylindrical grinding machine, 16" engine lathe, hatch cutting machine, ball valve seating machine, 15" universal turret lathe, vertical CNC milling machine and 60" horizontal bore/drill/milling machine.

FY 97 requirements total \$1,172,000. Some items include: 12" cylindrical grinding machine, 72" horizontal bore/drill/milling machine, horizontal milling machine, 12" tool & cutter grinding machine, 4' radial drilling machine, single end punching machine, hydraulic shearing machine, 34" x 12" horizontal milling machine and 50" x 16" horizontal milling machine.

FY 98 requirements total \$1,324,000. Some items include: 34" x 16" vertical milling machine, 5" jig boring machine, 20" ball honing machine and vertical turret boring and turning machine.

Activity: N68438

FY 99 requirements total \$932,000. Some items include: 2" center grinding machine, 42" surface grinding machine, 54" vertical spindle grinding machine, 12" x 30" horizontal grinding machine and 11" and 17" radial drilling machines.

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)	99	110	11
Ship Modernization (Nuclear)	15	17	2
Ship Maintenance (Conventional)	1027	1143	116
Ship Maintenance (Nuclear)	43	48	5
Aircraft Maintenance	N/A	N/A	0
Facility / IPE Maintenance	144	160	16
Other Maintenance	149	166	17
Production Support Man hours	1402	1560	158
FY 1995 TOTAL:	2,879	3,204	325

8. Workload Summary, continued

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

Workload Breakdown	<i>FY 1996</i>		
	Workload (DLMHs)		
	Predicted Workload	Potential Workload	Variance
Ship Modernization (Conventional)	103	114	11
Ship Modernization (Nuclear)	16	18	2
Ship Maintenance (Conventional)	1065	1183	118
Ship Maintenance (Nuclear)	44	49	5
Aircraft Maintenance	N/A	N/A	0
Facility / IPE Maintenance	141	157	16
Other Maintenance	151	168	17
Production Support Man hours	1402	1558	156
FY 1996 TOTAL:	2,922	3,247	325

8. Workload Summary, continued

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)	102	113	11
Ship Modernization (Nuclear)	16	18	2
Ship Maintenance (Conventional)	1049	1166	117
Ship Maintenance (Nuclear)	43	48	5
Aircraft Maintenance	N/A	N/A	0
Facility / IPE Maintenance	141	157	16
Other Maintenance	151	168	17
Production Support Man hours	1402	1559	157
FY 1997 TOTAL:	2,904	3,229	325

8. Workload Summary, continued

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

Workload Breakdown	<i>FY 1998</i>		
	Workload (DLMHs)		
	Predicted Workload	Potential Workload	Variance
Ship Modernization (Conventional)	103	114	11
Ship Modernization (Nuclear)	16	18	2
Ship Maintenance (Conventional)	1063	1180	117
Ship Maintenance (Nuclear)	44	49	5
Aircraft Maintenance	N/A	N/A	0
Facility / IPE Maintenance	141	157	16
Other Maintenance	171	190	19
Production Support Man hours	1402	1557	155
FY 1998 TOTAL:	2,940	3,265	325

8. Workload Summary, continued

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

Workload Breakdown	<i>FY 1999</i>		
	Workload (DLMHs)		
	Predicted Workload	Potential Workload	Variance
Ship Modernization (Conventional)	101	112	11
Ship Modernization (Nuclear)	15	17	2
Ship Maintenance (Conventional)	1038	1152	114
Ship Maintenance (Nuclear)	43	48	5
Aircraft Maintenance	N/A	N/A	0
Facility / IPE Maintenance	141	157	16
Other Maintenance	200	222	22
Production Support Man hours	1402	1557	155
FY 1999 TOTAL:	2,940	3,265	325

8. Workload Summary, continued

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

Workload Breakdown	<i>FY 2000</i>		
	Workload (DLMHs)		
	Predicted Workload	Potential Workload	Variance
Ship Modernization (Conventional)	101	112	11
Ship Modernization (Nuclear)	16	18	2
Ship Maintenance (Conventional)	1045	1161	116
Ship Maintenance (Nuclear)	43	48	5
Aircraft Maintenance	N/A	N/A	0
Facility / IPE Maintenance	141	157	16
Other Maintenance	173	192	19
Production Support Man hours	1402	1558	156
FY 2000 TOTAL:	2,921	3,246	325

8. Workload Summary, continued**Table 8.1.g: PREDICTED WORKLOAD VARIANCE of SIMAs/TRFs for FY 2001**

Workload Breakdown	<i>FY 2001</i>		
	Workload (DLMHs)		
	Predicted Workload	Potential Workload	Variance
Ship Modernization (Conventional)	101	112	11
Ship Modernization (Nuclear)	16	18	2
Ship Maintenance (Conventional)	1045	1161	116
Ship Maintenance (Nuclear)	43	48	5
Aircraft Maintenance	N/A	N/A	0
Facility / IPE Maintenance	141	157	16
Other Maintenance	173	192	19
Production Support Man hours	1402	1558	156
FY 2001 TOTAL:	2,921	3,246	325

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.	586.5	600.0	0
Office space for command, management, & administrative, etc.	49.2	60.0	0
Office space for drafting, work planning, & computer aided design, etc.	12.3	13.0	0
Storage for technical manuals & drawings of equipment/components for life-cycle management, etc.	5.5	6.0	0

TYCOM NOTE: TYCOM IS UNABLE TO CONFIRM ABOVE DATA WITH RECORDS ON FILE AT TYCOM LEVEL. PER DISCUSSIONS WITH STATION, NUMBERS WERE OBTAINED VIA ACTUAL MEASUREMENT OF EXISTING FACILITIES AND COMPARED TO BASIC FACILITIES REQUIREMENTS (BFR).

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

Land Use	Total Acres	Developed Acres	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational				
Training				
Research & Development				
Supply & Storage				
Administration				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				
Total				

Note 1. Naval Submarine Base, Bangor owns all the land at Naval Submarine Base, Bangor. TRIDENT Refit Facility, Bangor, a tenant at Naval Submarine Base, Bangor, owns no land. See Naval Submarine Base, Bangor's Data Call six for this data.

TYCOM NOTE: APPLICABLE PART OF TABLE 30.1 FOR SUBBASE BANGOR DATA CALL SIX INPUT PROVIDED BELOW FOR YOUR CONVENIENCE. THIS TABLE ONLY APPLIES TO THE MAIN BASE COMPLEX AND DOES NOT INCLUDE ANY OUTLYING HOUSING AREAS. TYCOM NOTES FOLLOWING TABLE 30.1 ARE FROM DATA CALL SIX REVIEW.

Table 30.1: Real Estate Resources

Site Location: MAIN BASE

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	504.26	89.60	258.96	155.70
Operational	242.78	63.00	159.06	20.72
Training	22.82	18.70	0	4.12
R & D	1.00	0.50	0	0.50
Supply & Storage	514.46	87.70	347.58	79.18
Admin	96.98	21.40	0	75.58
Housing	401.79	205.10	0	196.69
Recreational	157.53	83.00	0	74.53
Navy Forestry Program	4000.00	0	3500.00	500.00
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	4182.37	0	3500.00	682.37
Other Medical	5.69	5.50	0	0.19
Total:	6129.66	574.50	4265.60	1107.21/ 1789.58

TYCOM NOTE: ADDITION ERROR IN LAST COLUMN CORRECTED AND

Activity: N68438

CONFIRMED WITH INSTALLATION ON 09 MAY 94.

4000 OF THE ACRES LISTED IN COLUMN ONE UNDER HUNTING/FISHING PROGRAMS ARE ALSO INCLUDED IN THE NAVY FORESTRY PROGRAM AND SHOULD NOT BE COUNTED IN TOTAL. 3500 ACRES LISTED IN COLUMN FOUR UNDER HUNTING/FISHING PROGRAMS ARE ALSO INCLUDED IN NAVY FORESTRY PROGRAM AND SHOULD NOT BE COUNTED IN TOTAL.

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
Waterfront Storage Sheds/Operational Storage	143-77	17.7		
Magnetic Silencing Facility Storage Shed/Waterfront Transit Shed	156-10	.7		
Magnetic Silencing Facility/Deperming Bldg	159-30	6.4		
Waterfront Operations Bldg	159-64	.3		1.6
Drydock	213-10	171.4		
Refit Industrial Facility/SIMA	213-30	178.3		
Strategic Weapons Second Level Maintenance Shop/Weapons Shop	213-51	40.6		
Marine Machine Shop	213-52	5.9		
Rigging Shop	213-61	.2		
Nuclear Repair Shop	213-65	19.4		
Pumphouse/Drydock	213-67	6.0		
Diver Change House	213-68	3.8		
Delta Support Facility/Waterfront Services Support Bldg	213-70	66.8 67.2	.2	
Repair Shop Storage Bldg/Misc Storage	213-77	31.8		
General Warehouse	441-10	87.6		

Facility Name / Function	CCN	Condition and Area (KSF)		
		Adequate	Substandard	Inadequate
Hazardous and Flammables Storehouse	441-30	16.7		3.0
Subsat/Integrated Logistics Overhaul and Outfitting Bldg	441-71	21.9		
Servmart	441-72	16.0		
Administration Office	610-10	38.8		2.0
Data Processing Center	610-20	12.4 22.6		
Classified Materials Shredder and Bldg	610-30	1.6		
Installation Restaurant	740-26	4.6		
Refit Pier Substations/Switching/Substation Building/Shelter	813-10	4.0		
CCSPS Bldgs/Air conditioning valve house/shed/shelter	827-10	3.3		
Pure Water Facility/Water Treatment Facility Bldg	841-09	2.8		
ASW Bldg/Water Supply/Storage, Nonpotable water	844-10	.4		
Mechanical Bldg/Misc Utility Plant Bldg	890-09	2.8		
Refit Pier 1 & 2/Fitting Out Pier	151-30	1,280 FB		
Magnetic Silencing Pier/Deperming Pier	151-80	696 FB		
Marginal Wharf/Berthing Wharf	152-20		1,447 FB	
Small Craft Berth	155-20	200 FB		

TYCOM NOTE: ADEQUATE SQUARE FOOTAGE FOR CCN 213-70 CORRECTED BY TYCOM AND CONFIRMED WITH STATION ON 24 MAY 94. CORRECT NUMBER

OBTAINED FROM NAVFAC P-164 AND ENTERED IN BOLD BELOW STATION INPUT.

TYCOM NOTE: SQUARE FOOTAGE SHOWN IN NAVFAC P-164 FOR CCN 610-10 IS INCORRECT (31.8K SF). STATION HAS VERIFIED ACTUAL SQUARE FOOTAGE OF CCN 610-10 AND 38.8K SF IS CORRECT AS ENTERED.

TYCOM NOTE: SQUARE FOOTAGE FOR CCN 610-20 ENTERED BY STATION DID NOT INCLUDE RECENTLY COMPLETED ADDITION TO BUILDING 7074. TOTAL CORRECT SQUARE FOOTAGE ENTERED BY TYCOM IN BOLD AND CONFIRMED WITH STATION ON 25 MAY 94.

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?

CCN 159-64. 1,640 SF building constructed in 1944 as a temporary building. Building is being used to store equipment used on the Delta Pier/Drydock, but no storage space exists on the Delta Platform. There is no other possible use. If a MCON for a storage building on Delta Platform is funded, this building will be vacated and should be demolished. The facility condition has not resulted in C3 or C4 designation on our BASEREP.

TYCOM NOTE: THE MCON PROJECT REFERRED TO BY THE STATION ABOVE IS TRF MILCON PROJECT P-060, DRYDOCK STORAGE. THIS PROJECT IS CURRENTLY SHOWN IN RAD IX (9) IN FY99.

CCN 441-30. 3,000 SF building constructed in 1980 as a semi-permanent building. Building is being used to temporarily store Material Turn In Supplies. Because of building design and citing considerations, the building cannot be upgraded to adequate. The building could be used as a general storage warehouse. No funds are programmed for this. The facility condition has not resulted in C3 or C4 designation on our BASEREP.

CCN 610-10. 2,028 SF building constructed in 1975 as a semi-permanent building. The building is being used as an administrative building for contractors supporting Commander Submarine Squadron 17. The building is within an ESQD arc for D5 from SWFPAC.

Activity: N68438

Therefore, long range planning requires that this building be vacated and not upgraded. The facility condition has not resulted in C3 or C4 designation on our BASEREP.

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

Fiscal Year	MRP (\$)	CPV (\$)	ACE (\$)
FY 1986	3,246,000	232,841,466	Not available
FY 1987	3,061,000	224,490,726	Not available
FY 1988	2,066,000	239,592,382	Not available
FY 1989	3,285,000	245,148,196	Not available
FY 1990	2,419,000/2,449,000	251,003,445	59,424,753
FY 1991	7,653,000/7,713,000	256,776,900	60,903,557
FY 1992	3,005,000/2,796,000	264,008,289	61,812,373
FY 1993	3,526,000	276,591,048	67,415,460
FY 1994	3,194,000/3,187,000	285,277,779	82,692,605
FY 1995	4,980,000/4,038,000	295,489,861	83,122,000
FY 1996	3,490,000/4,075,000	304,734,557	84,028,000
FY 1997	3,886,000/3,784,000	314,256,594	85,528,000

Note 1. Data for ACE for FY 1990, FY 1991, FY 1992 and FY 1993 includes Class 3 and 4

plant property. It does not include minor property.

Note 2. Data for CPV for FY 1994, FY 1995, FY 1996 and FY 1997 includes proposed spending for Minor Construction and Military Construction projects and inflation at 3% per year.

TYCOM NOTE: MRP EXPENDITURES HAVE BEEN CORRECTED TO REFLECT RECORDS OF CERTIFIED OBLIGATIONS AT THE END OF FY ON FILE WITH THE TYCOM. CORRECTIONS SHOWN IN BOLD TO THE RIGHT OF STATION INPUT.

TYCOM NOTE: STATION CPV DOES NOT COINCIDE WITH NAVFAC P-164. HOWEVER, PER DISCUSSIONS WITH STATION ON 24 MAY 94, STATION OBTAINED CPV FROM FACILITIES SYSTEMS OFFICE (FACSO) PORT HUENEME, CA ON 25 APR 94. BECAUSE OF LAG TIME BETWEEN DATA ENTRY AND THE PUBLISMENT OF THE P-164, STATION DATA OBTAINED FROM FACSO IS CONSIDERED MORE ACCURATE FOR THE PURPOSE OF THIS TABLE.

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 or Wharf	Age	CCN	Moor Length (FT)	Design Dredge Depth (FT)(MLLW)	Slip Width (FT)	Pier Width (FT)	CIA / Security Area? (Y / N)	ESQD NEW Limit	Average Annual Days OOS
Refit Pier 1	15	151-30	640	50	NA	83	Yes Note 1	Note 2	2
Refit Pier 2	15	151-30	640	60	NA	80	Yes Note 1	Note 2	2
Drydock	14	213-10	670	43	90	62	Yes Note 1	Note 2	8
Magnetic Silencing Pier	16	151-80	696	43	82	10	Yes Note 1	Note 2	21
Marginal Wharf South	49	152-20	740	42	NA	81	Yes Note 1	Note 2	10
Marginal Wharf North	49	152-20	570	34	NA	89	Yes Note 1	Note 2	10

Additional comments:

Note 1. All the piers listed are within the CIA/Security Area of the Naval Submarine Base, Bangor. However, at the present time the entrance gates to the CIA/Security Area are not manned and vehicle occupant's badges are not checked. At the entrance trestle to the Delta

Pier (Refit Pier 1, Refit Pier 2 and Drydock), security police check badges of all persons.

Note 2. Refit Piers 1 and 2, Drydock and Magnetic Silencing Pier do not generate an ESQD arc, but are within the K50 D5 7,748' arc from the Explosive Handling Wharf. The South and North legs of the Marginal Wharf generate a K50 arc of 500' during ordnance handling (1500 # NEW) and a K50 arc of 1,957' during surface ship loading (60K NEW). At the Delta Pier (Refit Piers 1 & 2 and Drydock), 100' explosives arcs are generated during handling of Class 1 Division 3 and 4 explosives up to half a ship's allowance.

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
Refit Pier 2	1992	MCON P-057, Crane Track Spur, extended the portal crane track the complete length of the pier, to be utilized as a parking location for a portal crane.
Refit Pier 1, Refit Pier 2 and Drydock	1987	MCON P-055, Pure Water Facility, installed shoreside pure water connections to replace delivery of pure water to the submarines via tanker truck. The MILCON also constructed a new pure water production facility on shore near the Delta Platform and included the interconnecting piping to the pierside service hood outlets.
Drydock	1994	MCON P-072, Drydock Caisson Pier, will install a pier to provide a permanent mooring location for the second (spare) drydock caisson.

13. Berthing Capacity, continued

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
Refit Pier 1	No waivers in effect	
Refit Pier 2	No waivers in effect	
Drydock	No waivers in effect	
Magnetic Silencing Pier	No waivers in effect	
Marginal Wharf South	No waivers in effect	
Marginal Wharf North	Permit refit operations on 688 class SSNs and quarterly refit operations on former SSBNs during periods of ordnance handling at the Explosives Handling Wharf.	12/95

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?
Refit Pier 1	None	None
Refit Pier 2	None	None
Drydock	None	None
Magnetic Silencing Pier	None	None
Marginal Wharf South	None	None
Marginal Wharf North	None	None

13. Berthing Capacity, continued

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.

None at our facility. Naval Submarine Base, Bangor owns the tugs and berths them at their Service Pier.

Activity: N68438

Note 3. No permanently installed facilities. At the Marginal Wharf, oily waste is pumped into a pumper truck.

13. Berthing Capacity, 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 or Wharf	Typical Steady State Loading	Maximum Ship Berthing	Ordnance Handling Pierside?	Perform Maintenance Pierside?
Refit Pier 1	1 SSBN 726	2 SSBN 726 1 SSBN 726	1 SSBN 727	2 SSBN 726 1 SSBN 726
Refit Pier 2	1 SSBN 726	2 SSBN 726 1 SSBN 726	1 SSBN 726	2 SSBN 726 1 SSBN 726
Drydock	1 SSBN 726	1 SSBN 726	1 SSBN 726	1 SSBN 726
Magnetic Silencing Pier	0	1 SSBN 726	0	0
Marginal Wharf South	1 SSN	2 SSN or 1 SSBN 726 and 1 SSN	1 SSN	1 SSBN 726 or 1 SSN
Marginal Wharf North	1 SSN	2 SSN	1 SSN	2 SSN

Note 1. Refit Pier 1, Refit Pier 2, Drydock and Magnetic Silencing can accept any SSBN/SSN class submarine.

Note 2. At Refit Pier 1 and Refit Pier 2, 2 SSBN 726 submarines can be nested, but there are only hotel services for one.

TYCOM NOTE: AS NOTED BY STATION, PIER CAPACITY OF REFIT PIERS 1 AND 2 IS LIMITED BY AVAILABLE SHORE POWER. SHIP BERTHING CAPACITY BASED ON AVAILABLE SHORE POWER HAS BEEN ENTERED IN BOLD BY TYCOM. REVISED DATA SHOWN ABOVE COINCIDES WITH DATA SUBMITTED BY SUBASE BANGOR IN BRAC DATA CALL NUMBER SIX AS AMENDED BY TYCOM.

13. Berthing Capacity, 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.

See answer to question 13.5.

TYCOM NOTE: ANSWER TO QUESTION 13.5 IS "NONE AT OUR FACILITY. NAVAL SUBMARINE BASE, BANGOR OWNS THE TUGS AND BERTHS THEM AT THEIR SERVICE PIER."

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 visiting ship per day average. Not seasonally variant.

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.

MCON P-187, Additional Shore Power, est cost of \$2,800K, would increase the shore power at Refit Piers 1 and 2 from 3000 KVA per pier to 6000 KVA per pier. This would allow us to double berth TRIDENT submarines at each berth and provide each submarine with their total electrical requirements.

MCON P-909, Marginal Wharf Upgrade, est cost of \$10,200K, would improve/increase the shore power, potable water, telephone, industrial compressed air, CHT, and SOD services at the Marginal Wharf. It would extend the portal crane tracks to the South leg of the Wharf. The tracks presently only service the North leg of the Wharf. It would install an auxiliary sea water (ASW) system.

Both MCON projects are unprogrammed.

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

Limits: Draft limitations at Marginal Wharf North.

TYCOM NOTE: THE DRAFT FOR MARGINAL WHARF NORTH IS 34 FEET AS SHOWN ON SUBBASE BANGOR DATA CALL SIX TABLE 11.1. THE MINIMUM

DRAFT REQUIRED FOR AN SSBN IS 40.5 FEET AND FOR A 688 CLASS SSN IS 34.5 FEET. THIS MINIMUM DRAFT INCLUDES A FOUR FOOT ALLOWANCE FOR VARIATIONS IN TRIM LOADING, TIDAL FLUCTUATIONS, AND BOTTOM SILTING. MARGINAL WHARF NORTH IS REGULARLY USED TO BERTH 688 CLASS SSNs.

TYCOM NOTE: MARGINAL WHARF NORTH IS ALSO ENCUMBERED BY AN ESQD ARC AS NOTED IN TABLE 13.3 OF THIS DATA CALL. A WAIVER IS CURRENTLY IN AFFECT WHICH AUTHORIZES THE BERTHING OF SSNs AND PERFORMANCE OF MAINTENANCE OPERATIONS AT THIS BERTH.

Enhancements: The Delta Piers and Drydock were designed specifically for TRIDENT submarines. All required services, including chilled water, pure water, breathing air, telephone, industrial air, potable water, electricity are built in at the pier. Steam, 400 hertz electricity, high pressure air and direct current electricity are available by portable units. At the Magnetic Silencing Pier, there is a permanently installed inhaul trolley system.

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.

Table 14.1.: Workload Transfers Resulting from RMC

Commodity Group	Workload (K DLMHs)							Losing/ Gaining Activity
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
11	0	0	0	0	0	0	0	
Total:	0	0	0	0	0	0	0	

Note 1. There is no Regional Maintenance Concept that currently exists in our area. IMA interoperability has been invoked and is ongoing.

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.

Table 15.1: Training Facilities Design Capacities

CCN	Type Training Facility	Total # these Facilities	Design Capacity (PN) ¹	Capacity (Student HRS/YR)
N/A				

Note 1. There are no training facilities at TRIDENT Refit Facility, Bangor.

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: _____

Type of Training Facility	CIN / School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
N/A								

Note 1. Not applicable.

TYCOM NOTE: THERE ARE NO TRAINING FACILITIES AT TRF BANGOR.

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.

The Explosive Safety Quantity Distance (ESQD) arcs limit, but do not prevent, expansion of the Industrial Production facilities.

TYCOM NOTE: THE IMPACT OF ESQD ARCS ON FUTURE DEVELOPMENT OF TRF BANGOR ARE CONTAINED IN SPP OD 61119 "EXPLOSIVE SAFETY SITING, BANGOR, WASHINGTON", DATED 02 JUL 1993. A COPY OF THIS DOCUMENT IS ON FILE WITH OPNAV N411 AND N87.

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 [includes Bremerton]
SIMA	Shore Intermediate Maintenance Activity, Naval Reserve Maintenance Facility Unglazed	Unglazed 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

TRF BANGOR

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

MAJOR CLAIMANT LEVEL

R. J. KELLY

NAME (Please type or print)

Commander In Chief

Title

R. J. Kelly
Signature

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)

Title

W. A. Earner
Signature

7/19/94
Date

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

K. V. L. MacNeill
K. V. L. MacNEILL, CAPT, USN
NAME (Please type or print)
COMMANDER
Title

NEXT ECHELON LEVEL (if applicable)

K. V. L. MacNeill
Signature
20 May 1994
Date

SUBMARINE SQUADRON SEVENTEEN
Activity

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

T. J. Elliott
T. J. ELLIOTT, CAPT, USN
NAME (Please type or print)
(ACTING) COMMANDER SUBMARINE FORCE, U.S.
Title
PACIFIC FLEET
PEARL HARBOR, HI 96860
Activity

NEXT ECHELON LEVEL (if applicable)

T. J. Elliott
Signature
26 May 94
Date

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Title

Activity

Signature

Date

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

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

NAME (Please type or print)

Title

Signature

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

M. J. BAGAGLIO, JR., CAPT, USN
NAME (Please type or print)

M. J. Bagaglio, Jr.
Signature

COMMANDING OFFICER
Title

5/19/94
Date

TRIDENT REFIT FACILITY, BANGOR
Activity