DATA CALL 1: GENERAL INSTALLATION INFORMATION

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

- Name

Official name	*Naval Ordnance Center, Pacific Division* *Port Hadlock Detachment*
Acronym(s) used in correspondence	NAVORDCEN PACDIV DET PORT HADLOCK
Commonly accepted short title(s)	Port Hadlock Detachment

- Complete Mailing Address
  Officer in Charge
  Naval Ordnance Center, Pacific Division
  Port Hadlock Detachment
  100 Indian Island Road
  Port Hadlock, WA 98339-9723

- PLAD: NAVORDCEN PACDIV DET PORT HADLOCK WA

- PRIMARY UIC: N32013 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

- ALL OTHER UIC(s): N52860 PURPOSE: NON-NIF WATERFRONT
  N48537 NON-NIF SERVICE CRAFT

2. PLANT ACCOUNT HOLDER:

- Yes ____ No __X__ (check one)

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

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

• Yes ____ No __X__ (check one)

• 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: N60701
• Primary Host (as of 01 Oct 1995) UIC: N32013
• Primary Host (as of 01 Oct 2001) UIC: N32013

- Port Hadlock is no longer an annex of Seal Beach (OPNAVNOTE 5450 of 14 Oct 93). Plant account records will be adjusted to make them their own host.

• 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
NA		

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

Name	UIC	Location	Host name	Host UIC
NA				

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.

Base Realignment and Closure (BRAC)-93 identified a requirement for two Type M missile magazines due to NAS Alameda base closure and reassignment of Pacific Fleet assets to the Pacific Northwest. BRAC project P-298 was funded in the amount of $4.8M for construction in FY94 to provide additional missile storage at Port Hadlock Detachment.

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

•Maintain and operate an explosive ordnance outloading facility.

•Maintain and operate an expendable ordnance storage and maintenance facility with the capability to receive, segregate, store, issue, maintain, repair, assemble, test, inspect, modify, renovate, demilitarize, and dispose of assigned expendable ordnance and related components.

•Maintain basic stocks of ammunition as required by the Naval Ordnance Center (NOC) Station Load Plan.

•Provide logistics and port services to fleet ships and other vessels visiting the detachment.

•Perform support functions such as Arms, Ammunition, and Explosives (AA&E) inventory and missile sentencing inspection on surface and air launched missiles.

•Provide MILVAN containerized cargo outloading support to Pacific Fleet operations, Military Sealift Command and other services.

•Coordinate and oversee the training and utilization of assigned military Naval Reserve units and civilian personnel involved in ammunition or explosive cargo handling by providing facilities, technical supervision, and administrative processing and guidance.

•Maintain intermediate and depot level overhaul and maintenance facilities for ordnance and ammunition details.

•Provide refuge and safe haven for any shipment of government property in transit.

Projected Missions for FY 2001

•Ordnance storage and renovation support requirements will increase significantly due to reassignment of West Coast fleet elements to the Pacific Northwest.

•Renovation and demilitarizing/disposal of overage and deteriorated ordnance is expected to increase significantly due to base closures and ship decommissioning.

•Containerized cargo outloading is expected to increase in support of DOD "Purple Force" fleet operations. Mobility Requirements Study (MRS), Volume 1, of January 92 recommended DOD obtain a west coast containerized capability of at least the same capacity as currently exists on the east coast (600 containers per day throughput). CNO message 311432Z Dec 92 tasked Port Hadlock Detachment to develop outload capability of 250 containers per day. MCON P-205 constructs two container holding yards and has been programmed for FY96 by the Department of the Army. As facility and equipment improvements for handling MILVAN containers are accomplished, demand for this support service is expected to increase.

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

Current Unique Missions

•Only west coast ammunition pier capable of handling 1 AOE (AOE-1 or AOE-6) and 1 CVN, or 2 AOE's simultaneously. In the outyears two AOE-6 class ships will be added to the PACFLT inventory and they will conduct loading/off-loading operations at Port Hadlock eventhough they are scheduled to be homeported in Bremerton.

•Provide explosive handling services to any Navy or DOD vessel pierside. No draft restrictions (60' at mean low water available).

•Provide explosive handling services for commercial explosive manufacturing companies who ship their material by water.

•As additional duty to the Commander, Naval Base Seattle, the Officer in Charge performs duties of the Naval Base Seattle Ordnance Officer as identified by local governing directives.

•Certified ammunition handling equipment weight test facility.

Projected Unique Missions for FY 2001

- All of the above plus -

  •Performs as the secondary containerized ammunition transhipment facility on the West Coast, with a capability of 250 containers per day.

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
Naval Ordnance Center, Pacific Division	N68968

• Funding Source	UIC
DBOF	Multiple

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	2	29	91
• Reporting Reserves	3	18	
• Tenants (w/o reserve)	0	1	0
• Drilling reserves	5	4	
• Tenants (Total)	5	5	0

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	2	23	89
• Reporting Reserves	3	18	
• Tenants (w/o reserves)	0	1	0
• Drilling Reserves	5	5	
• Tenants (Total)	5	6	0

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.

Title/Name	Office	Fax	Home
• CO/OIC			
OIC - CDR W. D'Amico	(206)396-5227 DSN 744-5227	(206)396-5267 DSN 744-5267	(206)385-7310
• Duty Office	(206)396-0100 DSN 744-0100	(206)396-5203 DSN 744-5203	[N/A]
•			
•			

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
Navy Exchange Branch	45237	0	0	0
Branch Medical Clinic		0	1	0

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NA				

• 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
NA					

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NA					

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.)
Jefferson County Fire Dept Districts	*Port Townsend, WA*	*Mutual support fire services - 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.)

ALL DATA REQUESTED IN THIS SECTION (EXCEPT AICUZ MAP - NA) ARE ATTACHED.

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. C. DEVLIN
NAME (Please type or print)

Signature

COMMANDER
Title

18 Feb 94
Date

Naval Ordnance Center, Pacific Division
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)

R. SUTTON, RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

23 FEB 94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

K. C. Malley
NAME (Please type or print)

Signature

Commander
Title

2/24/94
Date

Naval Sea Systems Cmd
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. Green, Jr.
NAME (Please type or print)

Signature

Acting
Title

25 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

William T. D'Amico, Cdr, USN
NAME (Please type or print)


Signature

Officer in Charge
Title

18 Feb 94
Date

NOCPACDIV, Port Hadlock Detachment
Activity

101

15 July 1994

DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS

NAVAL WEAPONS STATIONS, NAVAL MAGAZINES, AND STRATEGIC WEAPONS FACILITIES

Questions for the Activities

Category	....	**Industrial Activities**
Type	....	**Naval Weapon Stations,**
	....	**Naval Magazines, and**
	....	**Strategic Missile Facilities**
Claimants	....	**COMNAVSEASYSCOM** (Naval Weapon Stations)
	....	**CINCPACFLT** (Naval Magazines)
	....	**DIRSSP** (Strategic Weapons Facilities)

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 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 the BRAC-88/91/93 actions.
2. Unless otherwise specified, for questions addressing maximum workload within this Data Call, base your response on an eight hour day/five day 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. Report all workload performed, clearly identifying origin of all non-DON 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 WORK SHEET FOR MILITARY VALUE ANALYSIS

NAVAL WEAPONS STATIONS, NAVAL MAGAZINES, AND STRATEGIC WEAPONS FACILITIES

Table of Contents

Table of Acronyms

$	Dollars
%	Percent
#	Number
ACT	American College Test
AOB	Average on Board
ARC	Alcohol Rehabilitation Center
BAQ	Basic Allowance for Quarters
BEQ	Bachelor Enlisted Quarters
BOQ	Bachelor Officers Quarters
CAD/CAM	Computer Aided Design / Computer Aided Manufacturing
CCN	Category Code Number
DLMY	Direct Labor Man Year
DM	Depot Maintenance
DoD	Department Of Defense
DoDDS	Department of Defense Dependents Schools
DON	Department of the Navy
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FSC	Family Service Center
FY	Fiscal Year
FYDP	Future Years Defense Plan
HE	High Explosive
HERO	Hazardous Electronic Radiation - Ordnance
HS	High School
IM	Intermediate Maintenance
IPE	Industrial Plant Equipment
ISE	In Service Engineering
ITT	Information, Tickets and Tours
JCSG-DM	Joint Cross Service Group - Depot Maintenance
KSF	Thousands of Square Feet
LF	Linear Feet
MH	Man Hours
MLS	Multiple Listing Service
N / A	Not Applicable
NAVMAG	Naval Magazine
NCIS	Naval Criminal Investigative Service
NEW	Net Explosive Weight
OOS	Out Of Service
ORD	Ordnance
ORDCEN	Ordnance Center
PACDIV	Pacific Division
PN	Number of Personnel accommodated
POM	Program Objectives Memorandum
Qtr	Qu Quarter
RSSI	Receipt, Segregation, Stowage and Issue
SAT	Scholastic Aptitude Test
SF	Square Feet
SOP	Standard Operating Procedures
SWF	Strategic Weapons Facility
TY	Then Year
UIC	Unit Identification Code
VHA	Variable Housing Allowance
W/O	Without
WPNSTA	Weapons Station
WY	Work Years

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ACTIVITY: N32013

DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS

NAVAL WEAPONS STATIONS, NAVAL MAGAZINES, AND STRATEGIC WEAPONS FACILITIES

Primary Activity UIC: N32013 NOCPACDIV DET PORT HADLOCK
(Use this number as Activity identification at the top of each page.)

Mission Area

1. Ordnance Storage

1.1 How much (in tons and square feet (SF)) of approved explosive ordnance (magazine) storage exists at the facility?

Table 1.1: **Ordnance Storage**

	Present Storage		FY 2001	
	SF	Tons	SF	Tons
Total Storage	167,560	8,496	189,210	9110

1.2 R What fraction of the available storage is in use and projected to be in use for the years indicated? (Note: Retain consistency with NAVSEAINST 8024.2, which indicates that 80% of the square feet in a magazine is effectively 100% full because of access and handling factors.)

Table 1.2: **Fraction of Storage in Use** (R

Ordnance Category	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1999	FY 2001
LOE	75%	80%	85%	89%	96%	100%	100%	100%	100%
Threat	80%	85%	85%	90%	58%*	64%	70%	77%	83%
Nuclear	0	0	0	0	0	0	0	0	0
Other	63%	65%	65%	64%	60%	65%	70%	75%	85%
Total	80%	85%	87%	90%	79%	84%	93%	112%	135%

R 9/23/94

*INDICATES ADDITIONAL ASSETS BY CONSTRUCTION OF P-298 MISSILE MAGAZINES (2)- 20,000 GSF. TABLE REVISED 9/23/94

ACTIVITY: N32013

DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS

NAVAL WEAPONS STATIONS, NAVAL MAGAZINES, AND STRATEGIC WEAPONS FACILITIES

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Threat	80%	85%	85%	90%	58%*	64%	70%	77%	83%
Nuclear	0	0	0	0	0	0	0	0	0
Other	63%	65%	65%	64%	60%	65%	70%	75%	85%
Total	80%	85%	87%	90%	79%	84%	88%	93%	100%

*INDICATES ADDITIONAL ASSETS BY CONSTRUCTION OF P-298 MISSILE MAGAZINES (2)- 20,000 GSF

1. Ordnance Storage, continued

1.3 Identify any specialized, unique or peculiar characteristics about your facilities, equipment, or skills at your activity to provide for ordnance storage? Highlight those that are "one of a kind" within the DON/DoD.

A TRAINED AND STABLE WORKFORCE HAVING ON AVERAGE OVER FIFTEEN YEARS OF ORDNANCE EXPERIENCE ALLOWS DETACHMENT PORT HADLOCK TO ANNUALLY PERFORM IT'S ORDNANCE STORAGE MISSION AT THE HIGHEST LEVEL OF INVENTORY ACCURACY AMONG ALL WEAPONS STATIONS. PORT HADLOCK IS THE ONLY DEEP WATER ORDNANCE PIER ON THE WEST COAST ALLOWING DIRECT ACCESS BY CARRIERS AND AOE'S FOR FULL LOADING. THE PUGET SOUND AREA IS BOTH A FLEET HOMEPORT FOR CARRIERS / CLF'S / COMBATENTS AND THE CARRIER REPAIR / OVERHAUL POINT, ALLOWING READY ACCESS TO AMMUNITION LOAD / OFFLOAD, ENROUTE TO SEA OR RETURNING TO REPAIR AVAILABILITY. THE DETACHMENT'S ISLAND CHARACTER PROVIDES SECURITY ENHANCEMENTS AND FREEDOM FROM CIVILIAN ENCROACHMENT ISSUES IMPACTING EXPLOSIVE SAFETY ISSUES. PORT HADLOCK HAS NOW BEEN DESIGNATED TO BECOME A CONTAINERIZED AMMUNITION TRANSHIPMENT POINT. A CAPABILITY OF 250 MILVAN CONTAINERS A DAY IS BEING CREATED.

1.4 What percent of your total ordnance storage is performed for DON?

DON storage provided = 100 %

1.5 What percent of your total ordnance storage is performed for commercial manufacturers, other Military Departments, or other DoD agencies? List these customers and percent utilization.

FMS effort = 0 %

Commercial effort = 0 %

Other Military Departments (Army) = 0 %

Other Military Department (Air Force) = 0 %

Other DoD Agencies (specify) = 0 %

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Mission Area

2. Ordnance Outload Facility

2.1 What type of ordnance pierside outload facility (container, bulk/breakbulk or specialized) does the station, magazine, or facility operate and what type of vessel can be accommodated? In the table below mark with an "X" those operations at your facility. If your facility accomodates other vessels at anchorage, please note below.

Table 2.1: **Outload Characteristics**

	Container	Bulk/Break Bulk	Specialized
Amphibious	X	X	X
Combatant			X
CV/CVN		X	X
Submarines			X
CLF	X	X	X
Other Break Bulk	X	X	X
Container Ship	X	X	X
Other			

2.2 What is the daily (single shift) throughput capacity of the facility in tons for each of the three major types of naval ordnance, i.e. LOE, Threat, Strategic? If your function measures throughput using another unit of measure, provide data in terms of tons in first and your unit of measure in a separate table (specify unit of measure).

Table 2.2: **Maximum Daily Throughput** ((R*

Ordnance Categories	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
LOE	500	500	500	500	500	500	500	500
Threat	300	300	300	300	300	300	300	300
Strategic	0	0	0	0	0	0	0	0
Other	200	200	200	200	200	200	200	200

* ADDED "0" IN BLANKS – NO DATA CHANGED

Total	1000	1000	1000	1000	1000	1000	1000	1000

2. Ordnance Outload Facility, continued

2.3 Identify any specialized, unique or peculiar characteristics about your facilities, equipment, or skills at your activity to attain the above throughput? Specify those that are one of a kind within the DON/DoD.

DETACHMENT PORT HADLOCK'S DEEP WATER ORDNANCE PIER IS ACCESSIBLE FROM THE OPEN SEA WITHOUT NAVIGATION BARRIERS OF ANY KIND. THE PIER IS DESIGNED FOR SIMULTANEOUS OUTLOADING OF AN AOE AND CV CLASS VESSEL. THE PIER IS SITE APPROVED FOR 2.25M LBS NET EXPLOSIVE WEIGHT (N.E.W) CLASS/DIV. 1.1 AMMUNITION WITHOUT WAIVER. A FOUL WEATHER ANCHORAGE IS SITED IN PROXIMITY TO THE PIER AS WELL AS THREE EXPLOSIVE SITED FLEET MOORINGS FOR ANCHORING EXPLOSIVE BARGES FOR SURGE CAPACITY. TWO EXPLOSIVE SITED CONTAINER HOLDING YARDS ARE PROGRAMMED FOR CONSTRUCTION DURING 1995 TO PROVIDE 250 CONTAINER/DAY THROUGHPUT CAPACITY. WHILE NOT CURRENTLY PROVIDED, THE AMMUNITION PIER WAS DESIGNED AND CONSTRUCTED TO INSTALL A FIFTY TON RAIL MOUNTED CONTAINER CRANE.

2.4 At the maximum throughput levels documented above, and considering explosive quantity-distance constraints, how many ships by type (AEs/AOEs, Containerships, MSNAP breakbulk ships, etc.) can be berthed at your outload facility at one time (optimal configuration)?

Table 2.4: **Maximum Outload by Ship Type**

Type Ship	Maximum Number
A0E	2
CV	1 + AOE
CONTAINER	2

2.5 If surface combatants and/or submarines outload at your facility, how many of each type can be loaded at one time (optimal configuration)?

Optimal Configuration = 1 CV or
2 DDG or
2 FFG or
2 CRUISERS or
2 SUBMARINES or ANY MIX OF "2"

2.6 If the maximum throughput levels documented above were based on a combination of combatants and other vessels, identify the mix that provides for the maximum outload capability.

Maximum Outload Capability Vessel Mix:

1 AOE PLUS 1 COMBATANT = 1000 S/T PER DAY
OR 1 CV PLUS 1 AOE = 1000 S/T PER DAY

OR 1 CONTAINER SHIP = 5000 S/T DAY

2. Ordnance Outload Facility, continued

2.7 Identify the number of vessels by type, out/downloaded by your activity in the period request (i.e. each trip to the pier = "1".).

Table 2.7: **Outload History**

Vessel Type	FY 1991	FY 1992	FY 1993
Amphibious	0	0	0
Combatant	57	50	35
CV/CVN	0	1	1
Submarines	0	0	0
CLF	1	1	1
Other Break Bulk	0	1	1
Container Ship	2	2	2
Other	0	0	0
Total:	60	55	40

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2.8 What is the maximum daily (single shift) throughput capability at your facility, measured in *tons* as a function of ship type? Provide comments if the maximum throughput by ship type would be reduced if multiple ships are being accomodated simultaneously. Utilize the optimal configuration provided previously to indicate any impact of simultaneous operations.

Table 2.8: **Outload History**

Vessel Type	FY 1993	FY 1997	Comments
Amphibious	0	0	
Combatant	75	75	50 IF 1 + AOE
CV/CVN	600	600	350 IF 1 + AOE
Submarines	30	30	
CLF	1000	1000	950 IF 1 + COMBATANT
Other Break Bulk	700	700	
Container Ship	5000	5000	
Other	0	0	
Total:	N/A	N/A	*

(R *

* N/A VS TOTAL

*Totals are not cummulative for daily single shift throughput capability.

Mission Area

3. Ammunition and Ordnance Maintenance and Testing/Repair and Rework

3.1 In the tables below identify the intermediate level maintenance and testing performed/programmed at your activity in number of units and Direct Labor Man Years (DLMY).

Table 3.1.a: **Maintenance and Testing Performance** (Units)

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
LOE	32625	313945	829947	174915	144968	33664	33664	33664
Other	8074	5500	0	6836	11887	5000	5000	5000
Total	40699	319445	829947	181751	156855	38664	38664	38664

(R

* ALL INTERMEDIATE LEVEL MAINTENANCE

3. Ammunition and Ordnance Maintenance and Testing/Repair and Rework, continued

Table 3.1.b: **Maintenance and Testing Performance** (DLMYs)

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
LOE	7.6	10.4	13.4	6.6	4.9	5.0	5.0	5.0
Other	1.7	1.2	0	1.7	6.0	2.0	2.0	2.0
Total	9.3	11.6	13.4	8.3	10.9	7.0	7.0	7.0

*ALL INTERMEDIATE LEVEL MAINTENANCE

3.2 Identify any specialized, unique or peculiar characteristics about your facilities, equipment, or skills at your activity to perform the above work? Highlight those that are one of a kind within the DON/DoD.

BLDG 837 SEGREGATION/RENOVATION CONSTRUCTED IN 1980 IS AN UP TO DATE EXPLOSIVE FACILITY CONTAINING 25,025 SF. THE AREA IS DIVIDED INTO THREE WORK BAYS FOR SEGREGATED EXPLOSIVE OPERATIONS. FOUR DEFUZING CELLS ARE EQUIPPED FOR REMOTE CONTROL AND MONITORING OF HAZARDOUS EXPLOSIVE REPAIR AND REWORK.

BLDG 1030 EXPLOSIVE OPERATIONS, CONSTRUCTED IN 1989, WAS DESIGNED AS A STATE OF THE ART MISSILE TEST FACILITY. THE BUILDING IS PROVIDED WITH A 5 TON GANTRY CRANE, IDS ALARM SECURITY AND FOUR COVERED TRUCK OFF-LOADING RAMPS. WORK CREWS HAVE BEEN TRAINED AND CERTIFIED TO ENCAN AND DECAN TOMOHAWK CRUISE MISSILES AND PERFORM CONTINUITY TESTING.

3. Ammunition and Ordnance Maintenance and Testing/Repair and Rework, continued

3.3 What percent of your total maintenance and testing effort on ordnance is performed for: FMS, commercial manufacturers, other Military Departments, or other DoD agencies?

FMS effort = 0 %

Commercial effort = 0 %

Other Military Departments (Army) = 0 %

Other Military Department (Air Force) = 0 %

Other DoD Agencies (specify) = 0 %

3.4 Identify in the table below the DLMYs expended in the RSSI process that are related to the rework and repair of ordnance (these hours should not be duplicated in Table 3.1 above).
*NONE

Table 3.4: **Rework and Repair Performance** (DLMYs) CCR *

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Launched Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surface Launched Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

MAINTENANCE NOT A PART OF RSS&I PROGRAM.

* N/A ADDED IN BLANKS - NO DATA CHANGED

3. Ammunition and Ordnance Maintenance and Testing/Repair and Rework, continued

3.5 Specify in the table below the type of depot maintenance performed/programmed on ordnance in DLMYs for the years requested. NONE PERFORMED

Table 3.5: **Level of Depot Maintenance**

Type of Depot Maintenance	FY 1993	FY 1997
N/A	N/A	N/A

Mission Area

4. Packaging and Handling Equipment

4.1 For each type of packaging or handling equipment designed/manufactured and/or maintained/repaired identify the number of DLMYs associated with that function.

* NONE

Table 4.1: **Packaging and Handling Workload**

Packaging / Handling Equipment Type	Design/Manufacturing				Maintenance/Repair			
	FY 1991	FY 1993	FY 1995	FY 1997	FY 1991	FY 1993	FY 1995	FY 1997
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

4.2 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at your activity to perform the above work? Highlight those that are one of a kind within the DON/DoD.

4. Packaging and Handling Equipment

4.3 What percent of the above work is performed for FMS, other Military Departments, commercial manufacturers, or other DOD agencies?

FMS effort = 0 %

Commercial effort = 0 %

Other Military Departments (Army) = 0 %

Other Military Department (Air Force) = 0 %

Other DoD Agencies (specify) = 0 %

Mission Area

5. Tactical and Strategic Nuclear Weapon Support

5.1 How many workyears are employed for strategic weapon support at your facility? How many workyears are planned for strategic weapon support through FY 1997?

* NONE

Table 5.1: **Tactical and Strategic Nuclear Weapon Support**

Weapon System	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

5.2 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at your activity to perform the support work for the strategic weapon systems? Highlight those that are one of a kind within the DON/DoD.

N/A (R

5.3 What alternatives exist for providing the support services e.g. another Navy activity, DoD agency, etc.? Explain.

Mission Area

6. Combat System Support

6.1 What combat systems or sub-systems are maintained at the weapon station/magazine/facility? What combat systems or sub-systems are planned to be maintained through FY 1997?

* NONE

Table 6.1: **Combat System Workload**

Combat System	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

6.2 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at your activity to perform the maintenance work for combat systems or sub-systems? Highlight those that are one of a kind within the DON/DoD.

N/A CR

6.3 What alternatives exist for providing the combat system support services (e.g. another Navy activity, DoD agency, etc.)?

N/A CR

Mission Area

7. Publications Management and Distribution

7.1 Identify the work years expended/programmed to be expended in support of ordnance publications, instructions and documents promulgated and maintained by your activity, for the period requested.

* NONE

Table 7.1: **Publications Workload** ((R *

Publication Types	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
OPs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
JMEMs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NWPs/MWIPs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MILSPECs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Standards	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Instructions/Notes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* N/A ADDED ALL BLANKS

7.2 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at your activity to maintain such publications? Highlight those that are one of a kind within the DON/DoD.

N/A (R

7.3 What alternatives exist for providing the publication support services (e.g. another DON activity, Army or Air Force activity, DoD agency, NATO or other treaty agencies, etc.)?

Features and Facilities

8. Explosive Quantity Distance Factors

8.1 What restrictions or explosive quantity distance standard limitations apply to the handling of volatile or explosive products or for hot work on submarines, surface combatants, ammunition ships, or oilers on your station/magazine/facility at the piers/wharfs?

ESQD limitations are defined for each explosive sited facility at the Detachment in accordance with OP5 Vol 1. No waivers are in effect. The ammunition pier is site approved for 2.25M lbs N.E.W. Hot work must be approved and coordinated by OIC to comply with OP5 provisions in cases of emergency or operational necessity.

8.2 What restrictions apply when moving munitions in quantity from the storage magazines to the outload facility?

All ordnance haul roads are located on the main base. No explosive quantity distance factors apply. All explosives are moved on specified explosive traffic routes. Only restriction applies to manufacturers capacity rating of trailer.

8.3 How many AEs, AORs, AOs, or AOEs can be berthed with nesting at your facility, simultaneously? Identify by each pier or wharf.

Two of any combination of AE, AOR, AO, or AOEs can be berthed simultaneously at 832 Ammunition Pier without nesting. Nesting any two would exceed the capacity of bollards.

8.4 How many surface combatants or nuclear submarines can be berthed with nesting at the weapon station, magazine, or facility, simultaneously? Identify by each pier or wharf.

Four combatants or four nuclear submarines could be berthed with nesting simultaneously at 832 Ammunition Pier.

Features and Facilities

9. Availability and Condition

9.1 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 9.1: **Facility Conditions** CCR*

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	(KSF)
73020	Police Station	1.9	0	0	1.9
73025	Gate House	0.05	0	0	0.05
73066	Shelter	0.05	0	0	0.05
74001	Exchange	3.6	0	0	3.6
74040	Bowling Alley	3.6	0	0	3.6
74054	Rec Center	12.1	4.3	0	16.4
74078	Rec Pavillion	1.75	0	0	1.75
42172	Missile Mag	28.5	0	0	28.5
42410	WPN Rel Batt Stor	1.9	0	0	1.9
44110	Gen Wharehouse	5	0	0	5
44130	Flam Wharehouse	0.3	2.7	0	3
44135	Gen Storage Shed	3.46	1.2	0.1	4.76
55010	Medical Clinic	1.3	0	0	1.3
61010	Admin Office	11.9	0.86	0	12.76
72111	BEQ E1-E4	0	0	34	34

* ADDED "0" IN BLANKS

Table 9.1: **Facility Conditions, continued** (CR*

CCN	Facility Type	Condition			Total (KSF)
		Adequate	Substandard	Inadequate	
73010	Fire Station	0	0	2.9	2.9
21851	Battery Recharge	4.2	0	0	4.2
21910	P.W. Shop	13	0	0	13
21925	P.W. Exp Bldg	0.65	0	0	0.65
21977	P.W. Maintenance	0.6	0	1.5	2.1
42112	Fuse Magazine	8.3	0	0	8.3
42132	Inert Storage	53.9	0.6	4.2	58.7
42135	Ready Magazine	1.3	0	0	1.3
42152	Smokeless Magazine	14.1	0	0	14.1
15210	Ammo Wharf	0	214.36	0	214.36
15520	Small Craft Berth	0	0	0.7	0.7
15964	Water Front Building	10.2	0	0	10.2
21351	Weapons Shop	36	0	0	36
21356	Wood Working	3	0	0	3
21358	Boat Shop	3.6	0	0	3.6
21361	Rigging Shop	4.2	0	0	4.2
21420	Auto Non Comb	7.4	0	0	7.4
21610	Ammo Rework	40	5	0	45
11120	Heli Pad	7.75	0	0	7.75
12315	Filling Station	0.5	0	0	0.5
13140	Tele Exchange	0.4	0	0	0.4
13150	Transmitter Bldg	0.14	0	0	0.14
14320	Ordnance Operation	4.8	10.9	0	15.7

Table 9.1: **Facility Conditions, continued**

* ADDED "0" IN ALL BLANKS

CCN	Facility Type	Condition			Total (KSF)
		Adequate	Substandard	Inadequate	
14345	Armory	0.7	0	0	0.7
14378	Flam Storage	0.2	0	0	0.2
89077	Utility Storage	0	2.4	0	2.4
61077	ADMIN STORAGE	0	1.39	0	1.39
71140	PUBLIC QTRS	1.3	0	0	1.3
21610	LUNCH RM/TEST	0.8	0	0	0.8
83109	WASTE TREATMENT BLDG	0	0.4	0	0.4
42122	HIGH EXPLOSIVE MAGAZINE	123.9	0	0	123.9
	ACTIVITY TOTAL	416.35	244.11	43.4	703.86 KSF

Table 9.1: **Facility Conditions, continued**

9. Availability and Condition, continued

9.2 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 9.1, above, where inadequate facilities are identified provide the following information:

a. Facility type/code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

(a) 42132 - Inert Storage (b) Building & Plumbing Deteriorated (g) No

(a) 72111 - BEQ E1 - E4 (b) Not up to present building code (c) BEQ E1 - E4 (d) $400,000 (e) Administration - $100,000 (f) Renovation - Quality of Life - $260,000 (g) Yes, C3

(a) 21977 - P.W. Maintenance (b) Physical condition of building and deterioration of building (d) $150,000 (g) No

(a) 15520 - Small Craft Berthing (b) Wooden Pier was storm damaged (c) None (d) $220,000 (e) None (f) Rebuild Pier, $220,000 (g) Yes, C3

(a) 15110 - Ammo Pier (b) Wooden Pier was storm damaged and is abandoned (c) None (d) $3,000,000 (e) None (f) None (g) No

(a) 44135 - Gen Storage Shed (b) Building at wrong location (g) No

(a) 73010 - Fire Station (b) Building in wrong location (c) Storage and Administration (d) $100,000 (e) Administration - $225,000 (f) Current plan is to convert building to administrative space. Funding not programmed. (g) No

9.3 Identify if your activity has been prevented from performing any proposed or planned expansion, establishment of new arcs, or scheduled operations in the past five years due to unresolved restrictions.
*NO

Features and Facilities

10. Reserve Support Capabilities

10.1 List all reserve units (USNR, USMCR, USAFR, ANG, USAR, ARNG) that regularly train at your installation.

Table 10.1: **Hosted Reserve Units**

Reserve Unit	Training Function/Facilities Used
NR NWS PT HADLOCK HQ222	TRAIN AS EXPLOSIVE ORDNANCE TEAM AND SAFETY/ADMIN OFFICERS. UTILIZE FACILITIES THROUGHOUT THE BASE.
FOREST PARK DET 113 RESERVES	TRAIN AS EXPLOSIVE ORDNANCE TEAMS. UTILIZE FACILITIES THROUGHOUT THE BASE.
WEPSTA CONCORD DET 522	TRAIN AS EXPLOSIVE ORDNANCE TEAMS. UTILIZE FACILITIES THROUGHOUT THE BASE.

10.2 For each USNR and USMCR unit that trains at your facility, provide the number of authorized billets and number of personnel actually assigned to the unit for the past three full fiscal years. Include both Selected Reserves (SELRES) and Training and Administration of Reserves (TAR) Navy/Full Time Support (FTS) Marine Corps reservists. Explain any reported differences between authorized and actual manning. Reproduce this table as necessary for each unit.

Table 10.2: **Reserve Personnel**

Unit: HQ222	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TARF TS
Enlisted	5	0	5	0	5	0	5	0	5	0	5	0
Officer	5	0	5	0	5	0	5	0	5	0	5	0

Table 10.2: **Reserve Personnel, continued**

Unit: DET 113	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TARF TS
Enlisted	18	0	18	0	18	0	18	0	18	0	18	0
Officer	3	0	3	0	3	0	3	0	3	0	3	0

10. Reserve Support Capabilities, Continued

10.3 What is the outlook for your reserve training requirement for FY 1997?

RESERVE TRAINING IS EXPECTED TO INCREASE IN RESPONSE TO POM FY96 WARGAME 2003 SCENARIO WHICH ASSIGNS AN ORDNANCE SUPPORT ROLE TO TRAINED RESERVISTS DURING MOBILIZATION AND SUSTAINMENT PERIODS.

10.4 Does your activity possess any specialized, unique or peculiar characteristics to facilitate the reserve training?

WE ARE THE ONLY ORDNANCE STATION IN THE PACIFIC NORTHWEST. WE SUPPORT SEVERAL RESERVE GROUPS WITHIN THE REGION. RESERVISTS ARE BEING TRAINED TO PERFORM ACTUAL ORDNANCE HANDLING EVOLUTIONS.

Costs

11. Investments

11.1. 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 11.1: **Capital Improvement Expenditure**

Project	Description	Fund Year	Value ($K)
P-303	EXPLOSIVE OPERATING FACILITY (NON BRAC)	1988	2,200K
P-202	BOX A MISSILE MAGAZINES (5) (NON BRAC)	1988	3,905K
MINOR C	LUMP SUM TOTAL	1988	300K
MINOR C	LUMP SUM TOTAL	1989	1,538K
MINOR C	LUMP SUM TOTAL	1990	260K
MINOR C	LUMP SUM TOTAL	1991	218K
MINOR C	LUMP SUM TOTAL	1992	163K
P-309	FIRE STATION (NON-BRAC)	1993	1,100K
MINOR C	LUMP SUM TOTAL	1993	389K
MINOR C	LUMP SUM TOTAL	1994	375K

11.2. 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 11.2: **Planned Capital improvements**

Project Local #'s	Description	Fund Year	Value ($K)
N/A	DUST COLLECTOR SYSTEM	1995	142,000
N/A	MODIFY CARRIER CVA CAMELS (2)	1995	456,000
N/A	HAZARDOUS MATERIAL WAREHOUSE	1996	120,000
N/A	BROADBAND SYSTEM EXPANSION	1996	185,000
N/A	SEWAGE AERATOR REPLACEMENT	1996	113,000
N/A	SMALL BOAT PIER	1997	295,000
N/A	LOADING DOCK ADJACENT TO B-189	1997	83,000

1,394,000

11. Investment, continued

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

Table 11.3: **Planned BRAC Capital improvements**

Project	Description	Fund Year	Value
P-298T	TYPE M MISSILE MAGAZINES (2)	1994	4.8 MIL

11. Investment, continued

11.4 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 faciliites. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 11.1-11.3 above.

Table 11.4: **Historic Investment Summary**

Investment Category	$ K
03 Waterfront Operational Facilities	1228
04 Other Operational Facilities	429.8
08 Other Maintenance/Production	736.8
10 POL Supply Storage	61.4
11 Ammo Supply Storage	614
12 Other Supply Storage	307
14 Administrative	282.4
15 Troop Housing/Messing	700
16 Other Personnel Support	184.2
17 Utilities	1228
18 Real Estate & Ground Structure	368.4
Other (specify)	0
Equipment (other than Class 2)	480
Activity TOTAL	6,620

11.5R What is the total planned investment, in thousands of dollars ($ K), over the period FY 1995 through FY 2001?

Total planned Investments = $ 15,250K (R

***Figure Revised 9/23/94**

27 R 9/23/94

11. Investment, continued

11.4 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 faciliites. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 11.1-11.3 above.

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12 Other Supply Storage	307
14 Administrative	282.4
15 Troop Housing/Messing	700
16 Other Personnel Support	184.2
17 Utilities	1228
18 Real Estate & Ground Structure	368.4
Other (specify)	0
Equipment (other than Class 2)	480
Activity TOTAL	6,620

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

Total planned Investments = $ 8,010 K

11. Investments, continued

11.6 Provide a list of all other documented major facility deficiencies not addressed in 11.1-11.3 (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 11.6: **Facility Deficiencies**

Deficiency	Cost to Correct ($ K)	Result of Corrections
REPAIR HOOGEWERF AND WEST ROADS	650	10K/VEHICLE MAINT 50K/AVOID ACCIDENT
REPAIR DAMAGED PIER FENDER PILES	290	NO COST REDUCTION
REPLACE WINDOWS B-77	40	1K/ANNUAL MAINT 1.5K ANNUAL HEAT LOSS
BEQ UPGRADE/RPR	300	NO REDUCTION
BEQ FURNITURE UPGRADE	126	NO REDUCTION
BEQ REPLACE WINDOWS	220	3K ANNUAL MAINT 3K ANNUAL HEAT LOSS
REPLACE WATER LINE	66	5K/MAINT+H20 LOSS
MAGAZINE APRON REPAIRS	25	5K/VEHICLE MAINT 10K OPERATING EFFCY

Strategic Concerns

12. Stand Alone and Location Factors

12.1 Identify the support (police, fire protection, etc.) now that is now provided by a nearby base, station or activity and will be needed by your facility if that activity is closed.

Table 12.1: **Support Facilities**

Support	Currently Obtained from:	Needed if Host Closes?
Police	N/A	NONE
Security	N/A	NONE
Fire	N/A	NONE
Cafeteria	N/A	NONE
Parking	N/A	NONE
Utilities	N/A	NONE
Child Care	N/A	NONE

12.2 What is the distance in nautical miles and the average transit time from your activity to the open sea?

Distance = 85 NM
Transit Time = 5 hours

12.3 List and indicate the distance in road-miles to Interstate Highways, airports of embarkation, seaports of embarkation, and cargo rail terminals.

Interstate Highways. I-5 from the Naval Ordnance Center Port Hadlock is 40 miles and a 30 minute ferry crossing from Kingston to Edmonds. The alternate overland route to I-5 via Tacoma is 79 miles.

Airports. Seatac International Airport is 65 miles, Bremerton National Airport is 40 miles, Jefferson International Airport is 8 miles.

Seaports. Port of Seattle is 40 miles, Port of Tacoma is 60 miles.

Cargo Rail Terminals. Burlington Northern is 40 miles (Seattle), 60 miles (Tacoma), Union Pacific Railroad Company is 40 miles (Seattle), 60 miles (Tacoma). There is also a Railhead located at the Naval Submarine Base Bangor, 35 miles.

12. Stand Alone and Location Factors, continued

12.4 Is your activity serviced by rail trackage providing direct access to the commercial rail network?

No

If Yes, are you serviced by single or multiple tracks? Single / Multiple (# ____)

If No, identify the distance in road-miles separating your activity from the nearest railhead/access.
Distance = 35 Miles

12.5 List the homeports within the service area of your facility and the distance to each.

Table 12.5: **Proximity to Homeport**

Homeport	Distance
NAVAL STATION EVERETT	60 MILES
PUGET SOUND NAVAL SHIPYARD	43 MILES
NAVAL SUBMARINE BASE BANGOR	35 MILES

12.6 Identify the factors that limit access to your piers, i.e.bridge height restrictions, channel depth, turning basin contraints, etc. Identify by ship type the largest vessel that can gain access to your piers.

Table 12.6: **Pier Access**

Largest Vessel	Limiting Factors
AIRCRAFT CARRIER	NONE

K

ACTIVITY: N32013

Strategic Concerns

13. Contingency and Mobilization Features

13.1 Identify the amount of storage space for explosives or munitions surplus to the planned need, expressed in square feet (SF) at your facility. (Note: For contingency and mobilization purposes, storage space includes revetments, railcars, barges, explosive holding yards, explosive anchorages and barricaded railroad sideyard.) Provide data for each category.

Table 13.1R: Contingency/Mobilization Storage

TABLE REVISED 27 OCT 1994

Category of Space	Total SF	# of Units	Comment
Revetments	0	0	
Railcars	0	0	
Barges	0	0	
Explosive Holding Yards	129,870	6	
Explosive Anchorages	*	3	
Barricaded Railroad Siding	0	0	
Other (specify)	0	0	

(R

NOTE: 73,470 SF OF THE TOTAL SHOWN FOR EXPLOSIVE HOLDING YARDS TO BE CONSTRUCTED BY ARMY FUNDED P-205 ($1.4M) TO CONSTRUCT CONTAINER HOLDING YARDS IN FY95. NO UNITS ARE EXCESS TO PLANNED NEEDS. (R

13.2 What is the fraction and square footage of your excess to the total storage space that is or will be available at each location with the completion of the MILCON projects that have been awarded but are yet to be completed.

Frraction Excess = 0

Amount Excess = 0

- Explosive anchorages at NOCPACDIV Port Hadlock are categorized in N.E.W. not square feet. The three (3) explosive anchorages are designed to moor YCs or YFNs that store ammunition. N.E.W. at Port Hadlock are two (2) each at 200,000 lbs Class 1.1 and one (1) each at 125,000 lbs Class 1.1.

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Strategic Concerns

13. Contingency and Mobilization Features

13.1 Identify the amount of storage space for explosives or munitions surplus to the planned need, expressed in square feet (SF) at your facility. (Note: For contingency and mobilization purposes, storage space includes revetments, railcars, barges, explosive holding yards, explosive anchorages and barricaded railroad sideyard.) Provide data for each category.

Table 13.1: **Contingency/Mobilization Storage**

Category of Space	Total SF	# of Units	Comment
Revetments	0	0	
Railcars	0	0	
Barges	0	0	
Explosive Holding Yards	56400	4	
Explosive Anchorages	*	3	
Barricaded Railroad Siding	0	0	
Other (specify)	0	0	

13.2 What is the fraction and square footage of your excess to the total storage space that is or will be available at each location with the completion of the MILCON projects that have been awarded but are yet to be completed.

Fraction Excess = 0
Amount Excess = 0

* Explosive anchorages at NOCPACDIV Port Hadlock are categorized in N.E.W. not square feet. The three (3) explosive anchorages are designed to moor YCs or YFNs that store ammunition. N.E.W. at Port Hadlock are two (2) each at 200,000 lbs Class 1.1 and one (1) each at 125,000 lbs Class 1.1.

13. Contingency and Mobilization Features, continued

13.3 What ship berthing by general class, may be available for naval ship berthing during holiday surge periods? Address available berthing for the CVN, SSBN, CG-52, LPD, and FFG classes, as a minimum. State answers in terms of the number of ships that can berthed without nesting. Information is only desired on ship berthing, that, if used for holiday surge berthing, will not interfere with ongoing or planned logistic loadouts or downloading. Also indicate the largest ship possible that can be berthed at each pier and wharf.

CVN is largest ship that can be berthed at the Ammunition Pier. Any other class of ship can be berthed at the same time without nesting. Ships of CG, LPD, and FFG Classes may be berthed. SSBN Class may be and have been berthed for a capability test in 1992.

13.4 Identify any HERO restrictions for operating radars and other sensors of Navy ships at your ordnance piers. Also identify any hot work restrictions or inhibitions against berthing POL or other ships with empty fuel tanks that are not gas-free.

We prohibit use of HF Radio (2 - 32 Megahertz) and track and fire control radars on berthed ships while handling ordnance. We do not permit hot work to be performed without gas free certification.

Strategic Concerns

14. Natural Inhibitors of Operations

14.1 Identify the percent of the planned work schedule at your facility for the period FY 1990-1993 (averaged by month) interrupted by local weather or climatic conditions (i.e., how many man-years are lost annually by month because of: thunder storm, hurricane, tornado, blizzard, below freezing conditions, earthquake or other performance-impinging natural condition?).

Table 14.1.a: **Impact on Operations** (R*

	January	February	March	April	May	June
Average % Schedule Interrupted	1.2 ICE & STORMS	1.2 ICE & STORM	0	0	0	0

Table 14.1.b: **Impact on Operations**

	July	August	September	October	November	December
Average % Schedule Interrupted	0	0	0	0	1.2 STORM	1.2 STORM

* ADDED CAUSE of interruption

Environment and Encroachment

15. Environmental Considerations

15.1 Identify all environmental restrictions to expansion at your activity.

Port Hadlock has 1085 acres of forested/undeveloped land. Approximately 713 acres would have construction restrictions or timing constraints, currently. These "environmental restrictions: would include threatened species management areas, wetlands, Heron Rookeries, and Installation Restoration Sites.

15.2 Describe the undeveloped acreage or waterfront that is unique to the station or facility. Include any acreage that is suitable for industrial development.

The undeveloped acreage is in its natural forested state. Firewood gathering of dead and downed trees is allowed to reduce the fire hazard. A varied population of wildlife, including deer, coyotes, racoons, squirrels, chipmunks and numerous birds inhabit the forest and are routinely seen along roadways, lawns and cleared areas. The facility is an Island connected to the Olympic Peninsula to the west by a bridge over a norrow reach of water between two bays at the southwest end; it is connected to another Island to the east by a built-up roadway over a tidal flat. Except for the ammo pier at the northwest end, an old abandoned pier, small boat pier and filled industrial area on the west center of the Island, the shoreline is undeveloped and supports a substantial natural population of several species of clams and an introduced population of oysters. Of the 1,085 undeveloped acres 372 are considered to be without development constraints. The remaining 713 acres may have operational/man caused restraints (i.e., HERO, HERF, HERP, ESQD, AICUZ, etc.). Possibly the western portion of the Island would be suitable for development with timing restrictions for construction, NEPA compliance, and appropriate permitting.

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

TSD Facility 325 sq. ft., Interim status permitted. FY 95 undergoing closure of TSD <90 day facility 2,496 sq. ft. constructed in Fy 94, conforming storage. HM Storage totals 1450 sq. ft. located within three separate facilities. HM Tracking System integrated with HW Tracking System using Oracle Data Base. HMC&M Program/HMIS/Enflex Environmental Law CD Rom Library

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
NONE	NONE	NONE

CR

17. Military Housing - Family Housing, continued

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

MILITARY HOUSING IS MANAGED BY SUBASE BANGOR. Assets are fourteen housing units: One 4 bedroom, 6 three bedroom and 7 two bedroom units. All units are normally occupied by activity military. No activity personnel are on waiting list. **Revised 9/23/94**

Table 17.4: **Military Housing Waiting List**

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1		
	2		
	3		
	4+		
O-4/5	1		
	2		
	3		
	4+		
O-1/2/3/CWO	1		
	2		
	3		
	4+		
E7-E9	1		
	2		
	3		
	4+		
E1-E6	1		
	2		
	3		
	4+		

Quality of Life

17. Military Housing - Family Housing

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:

NOTE: MILITARY HOUSING IS MANAGED BY SUBASE BANGOR FAMILY HOUSING OFFICE. THEY ARE RESPONDING TO THEIR OWN BRAC DATA CALL AND WILL BE PROVIDING THE INFORMATION REQUESTED IN THIS SECTION

Table 17.2: **Available Military Family Housing**

CCR*

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	1	1	0	0
Officer	3	2	2	0	0
Officer	1 or 2	0	0	0	0
Enlisted	4+	0	0	0	0
Enlisted	3	4	4	0	0
Enlisted	1 or 2	7	7	0	0
Mobile Homes	N/A	N/A	N/A	0	0
Mobile Home lots	N/A	N/A	N/A	0	0

* ADDED "N/A" - "0" IN BLANKS

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.

MILITARY HOUSING IS MANAGED BY SUBASE BANGOR. THEY ARE RESPONDING TO A SEPARATE BRAC DATA CALL. THEY WILL PROVIDE THE INFORMATION FOR THE TABLE BELOW.

Table 17.4: **Military Housing Waiting List**

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1		
	2		
	3		
	4+		
O-4/5	1		
	2		
	3		
	4+		
O-1/2/3/CWO	1		
	2		
	3		
	4+		
E7-E9	1		
	2		
	3		
	4+		
E1-E6	1		
	2		
	3		
	4+		

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. N/A

Table 17.5: **Housing Demand Factors** CCR

	Top Five Factors Driving the Demand for Base Housing
1	CHEAPER COST OF LIVING
2	DISTANCE TO TRAVEL TO AND FROM WORK
3	THE QUALITY OF THE HOMES ARE OUTSTANDING
4	QUALITY OF LIFE IN THE NEIGHBORHOOD IS OUTSTANDING
5	RECREATIONAL FACILITIES FOR CHILDREN ARE OUTSTANDING

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** CCR

Type of Quarters	Utilization Rate (%)
Adequate	97%
Substandard	0
Inadequate	0

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? YES, DIFFICULTY IN ASSIGNING TWO BEDROOM UNITS

Quality of Life

18. Military Housing - Bachelor Quarters

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

Table 18.1: **BEQ Utilization** ((R *

Type of Quarters	Utilization Rate
Adequate	0
Substandard	0
Inadequate	70%

* ADDED "0" IN BLANKS

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?

YES, DUE TO THE INCREASE IN NUMBER OF FEMALES ASSIGNED. MANNING DOCUMENTS REFLECT 35 TOTAL PERSONNEL.

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

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

AOB = 1.0

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)** ((R *

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	0	0	
Spouse Employment (non-military)	0	0	
Other	1	100%	SEPARATION
TOTAL	1	100%	

* ADDED "OS"

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

GB Off-Base = 0

18. Military Housing - Bachelor Quarters, continued:

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	N/A
Substandard	N/A
Inadequate	N/A

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?

N/A

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

AOB = (# GB x average # days in barracks) / 365

AOB = 0

N/A

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)** CR*

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	0	0	
Spouse Employment (non-military)	1	100%	
Other	0	0	
TOTAL	1	100%	

* ADDED "0"

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

GB Off-Base = 1

Quality of Life

19. MWR Facilities

19.1 For on-base MWR facilities available, complete the following table for each separate location. These are spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.
For off-base government-owned or leased recreation facilities, indicate their distance from your base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION MAIN BASE DISTANCE ____

Table 19.1.a: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Auto Hobby	Indoor Bays	1	N/A
	Outdoor Bays	0	N/A
Arts / Crafts	SF	0	N/A
Wood Hobby	SF	0	N/A
Bowling	Lanes	2	N/A
Enlisted Club	SF	0	N/A
Officers Club	SF	0	N/A
Library	SF	756	N/A
Library	Books	2940	N/A
Theater	Seats	34	Y
ITT	SF	0	N/A
Museum / Memorial	SF	0	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	0	N/A
Beach	LF	0	N/A
Swimming Ponds	Each	0	N/A
Tennis Court	Each	2	N/A

19. MWR Facilities, continued

Table 19.1.b: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Volleyball court (outdoor)	Each	0	N/A
Basketball court (outdoor)	Each	0	N/A
Racquetball court	Each	1	N/A
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium	SF	4860	N/A
Fitness Center	SF	112	N/A
Marina	Berths	0	N/A
Stables	Stalls	0	N/A
Softball Field	Each	1	N/A
Football Field	Each	0	N/A
Soccer Field	Each	0	N/A
Youth Center	SF	0	N/A
Social Center	SF	3348	Y

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

Quality of Life

20. Base Family Support Facilities and Programs

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

Table 20.1: **Child Care Availability** ((R *

Age Category	Capacity (# of Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Months	N/A	N/A	N/A	N/A	N/A	N/A
6-12 Months	N/A	N/A	N/A	N/A	N/A	N/A
12-24 Months	N/A	N/A	N/A	N/A	N/A	N/A
24-36 Months	N/A	N/A	N/A	N/A	N/A	N/A
3-5 Years	N/A	N/A	N/A	N/A	N/A	N/A

* ADDED "N/A" ALL BLOCKS

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: N/A

a. Facility type/code:
b. What makes it inadequate?
c. What use is being made of the facility?
d. What is the cost to upgrade the facility to substandard?
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding:
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

20. Base Family Support Facilities and Programs, continued

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

N/A

20.4 How many "certified home care providers" are registered at your base? # = 0 CR

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

20. Base Family Support Facilities and Programs, continued

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

Table 20.6: **Available Services**

Service	Unit of Measure	Quantity
Exchange	SF	2790
Gas Station	SF	0
Auto Repair	SF	0
Auto Parts Store	SF	0
Commissary	SF	0
Mini-Mart 60 X 36	SF	0
Package Store	SF	0
Fast Food Restaurants	Each	0
Bank/Credit Union	Each	0
Family Service Center	SF	0
Laundromat	SF	0
Dry Cleaners	Each	0
ARC	PN	0
Chapel	PN	0
FSC Classroom/Auditorium	PN	0

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)
Seattle	47
Bremerton	43
Tacoma	60

Quality of Life

22. VHA Rates

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

Table 22.1: **VHA Rates**

Paygrade	With Dependents	Without Dependents
E1	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	169.64
E8	235.65	178.15
E9	231.91	176.04
W1	228.91	173.85
W2	260.84	204.59
W3	234.91	190.96
W4	233.17	206.74
O1E	234.07	173.62
O2E	192.84	153.75
O3E	216.81	183.42
O1	194.76	143.52
O2	190.49	148.89
O3	211.61	178.16
O4	206.88	179.90
O5	183.46	151.72
O6	246.08	203.69
O7	176.40	143.30

Document Separator

ACTIVITY: N32013

Quality of Life **23. Off-base Housing Rental and Purchase**

23.1**R**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** (R

Type of Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	Electrical/Heat, Water/Sewer/Garbage
Efficiency	350.00	300.00	60.00
Apartment (1-2 Bedroom)	550.00	400.00	120.00
Apartment (3+ Bedroom)	700.00	550.00	120.00
Single Family Home (3 Bedroom)	800.00	650.00	150.00
Single Family Home (4+ Bedroom)	850.00	725.00	150.00
Town House (2 Bedroom)	750.00	550.00	120.00
Town House (3+ Bedroom)	900.00	675.00	140.00
Condominium (2 Bedroom)	750.00	550.00	120.00
Condominium (3+ Bedroom)	900.00	675.00	140.00

TABLE REVISED 03 OCT 1994

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	95%
Apartment (1-2 Bedroom)	94%
Apartment (3+ Bedroom)	95%
Single Family Home (3 Bedroom)	93%
Single Family Home (4+ Bedroom)	96%
Town House (2 Bedroom)	95%
Town House (3+ Bedroom)	95%
Condominium (2 Bedroom)	94%
Condominium (3+ Bedroom)	94%

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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	Electrical/Heat, Water/Sewer/Garbage
Efficiency	350.00	300.00	60.00
Apartment (1-2 Bedroom)	450.00	400.00	.120.00
Apartment (3+ Bedroom)	800.00	700.00	120.00
Single Family Home (3 Bedroom)	700.00	650.00	150.00
Single Family Home (4+ Bedroom)	800.00	700.00	150.00
Town House (2 Bedroom)	750.00	650.00	120.00
Town House (3+ Bedroom)	800.00	700.00	140.00
Condominium (2 Bedroom)	750.00	650.00	120.00
Condominium (3+ Bedroom)	800.00	700.00	140.00

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	95%
Apartment (1-2 Bedroom)	94%
Apartment (3+ Bedroom)	95%
Single Family Home (3 Bedroom)	93%
Single Family Home (4+ Bedroom)	96%
Town House (2 Bedroom)	95%
Town House (3+ Bedroom)	95%
Condominium (2 Bedroom)	94%
Condominium (3+ Bedroom)	94%

23. Off-base Housing Rental and Purchase, continued

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

Table 23.3: **Regional Home Costs**

Type of Home	Median Cost
Single Family Home (3 Bedroom)	$130,000
Single Family Home (4+ Bedroom)	$145,000
Town House (2 Bedroom)	$125,000
Town House (3+ Bedroom)	$140,000
Condominium (2 Bedroom)	$125,000
Condominium (3+ Bedroom)	$140,000

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	Number of Bedrooms		
	2	3	4+
January	5	2	0
February	4	3	0
March	4	2	0
April	7	5	0
May	6	5	0
June	5	4	0
July	5	3	0
August	6	3	1
September	5	1	1
October	4	1	0
November	4	3	0
December	4	3	0

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

The principle housing cost driver in our area is the attractiveness of the area to retired persons relocating from urban and suburban communities within and outside the state.

Quality of Life

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
BM	0	3
EM	0	2
EW	0	0
IC	0	0
OS	0	0

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)
Port Hadlock	40%	6 Miles	10 Minutes
Port Townsend	24%	12 Miles	20 Minutes
Chimacum	5%	6 Miles	10 Minutes
Bremerton	4%	45 Miles	1 Hour
Port Ludlow	3%	9 Miles	15 Minutes

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/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 26.1R: **Educational Opportunities Revised 9/23/94** (R

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost/Student	SAT/ ACT Score	% HS to College	Source of Info
Chimacum High School	Public	1-12	Yes	0	898.5	48%	Ed Serra R 9/23/94
Port Townsend High School	Public	1-12	Yes	0	1020	50%	Joan Camfield R 9/23/94
North Kitsap High School	Public	1-12	Yes	0	960	60%	Don Johnson R 9/23/94
Central Kitsap High School	Public	1-12	Yes	0	905	48%	Marcia Roads R 9/23/94
Olympic High School	Public	1-12	Yes	0	915	49%	Dan Conjof R 9/23/94
Cedarbrook Adventist Christian	Parochial	K-8	No	1200	N/A	N/A	Candy Johnston
Olympic Christian	Parochial	K-8	No	1500	N/A	N/A	Terri Martin
Phoenix N.W	Private	7-12	No	4,320	950	75%	Jack Unger
Kings West	Private	K-12	No	3,795	N/A	100%	Frani Oliver
Quilcene HS	Public	K-12	No	0	850	60%	Larry Tickard

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/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/Student	SAT/ ACT Score	% HS to College	Source of Info
Chimacum High School	Public	1-12	Yes	0	486	48%	Marcia Harris
Port Townsend High School	Public	1-12	Yes	0	535	50%	Joan Camfield
North Kitsap High School	Public	1-12	Yes	0	484	60%	Gerald Brock
Central Kitsap High School	Public	1-12	Yes	0	463	48%	Marcia Roads
Olympic High School	Public	1-12	Yes	0	471	49%	Marcia Roads
Cedarbrook Adventist Christian	Parochial	K-8	No	1200	N/A	N/A	Candy Johnston
Olympic Christian	Parochial	K-8	No	1500	N/A	N/A	Terri Martin
Phoenix N.W	Private	7-12	No	4,320	950	75%	Jack Unger
Kings West	Private	K-12	No	3,795	N/A	100%	Frani Oliver
Quilcene HS	Public	K-12	No	0	850	60%	Brian Ginspell

ACTIVITY: N32013

. Regional Educational Opportunities, continued

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

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

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
OLYMPIC COLLEGE	Day	YES	YES	YES	YES	NO
	Night	YES	YES	YES	YES	NO
PORT TOWNSEND MAGNATE CENTER	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
PENINSULA COLLEGE	Day	YES	YES	YES	YES	NO
	Night	YES	YES	YES	YES	NO
WOODEN BOAT SCHOOL	Day	NO	YES	NO	NO	NO
	Night	NO	NO	NO	NO	NO
CHAPMAN UNIVERSITY BANGOR	Day	NO	NO	NO	NO	NO
	Night	NO	NO	YES	YES	NO

ACTIVITY: N32013

N.W. COLLEGE OF ART	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO

. Regional Educational Opportunities, continued

.3 List the educational institutions which offer programs on-base available to service members and their adult ependents. Indicate the extent of their programs by placing a "Yes" or "No" in all applicable boxes.

NONE

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

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
NONE	Day	N/A	N/A	N/A	N/A	N/A
	Night	N/A	N/A	N/A	N/A	N/A
	Corres-pondence	N/A	N/A	N/A	N/A	N/A
	Day	N/A	N/A	N/A	N/A	N/A
	Night	N/A	N/A	N/A	N/A	N/A
	Corres-pondence	N/A	N/A	N/A	N/A	N/A
	Day	N/A	N/A	N/A	N/A	N/A
	Night	N/A	N/A	N/A	N/A	N/A
	Corres-pondence	N/A	N/A	N/A	N/A	N/A
	Day	N/A	N/A	N/A	N/A	N/A
	Night	N/A	N/A	N/A	N/A	N/A
	Corres-pondence	N/A	N/A	N/A	N/A	N/A

* ADDED "N/A" ALL BLOCKS

Quality of Life

27. Spousal Employment Opportunities

27.1 Provide the following data on spousal employment opportunities.

Table 27.1: **Spouse Employment** ((R *

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%)
	1991	1992	1993	
Professional	0	0	0	Unknown
Manufacturing	0	0	0	Unknown
Clerical	0	0	0	Unknown
Service	0	0	0	Unknown
Other	0	0	0	6.9% Apr 94 Jefferson County

* ADDED "0" ALL BLOCKS

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.

Yes.

1) Military Active Duty pregnancies are required to be Temporary Assigned Duty to the other side of the Hood Canal Bridge.
2) Transit time is greater than one hour one way for Military Health Care at Bremerton Navy Hospital, a distance of fifty miles.

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.

Yes.

1) Transit time is greater than one hour one way for Military Health Care at Bremerton Navy Hospital, a distance of fifty miles.
2) Limited Champus opportunities in the Port Hadlock area.

ACTIVITY: N32013

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. *

((R*

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

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
2. Blackmarket (6C)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
3. Counterfeiting (6G)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
4. Postal (6L)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

* ADDED "0" ALL Blocks

* We are unable to obtain crime statistics from local law enforcement agencies because gathering the information would require an expenditure of work hours and funding must be provided. Data reported is for criminal activity which occurred on base only.

29. Crime Rate, continued

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

ICR #

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	1	1
Off Base Personnel - civilian	0	0	0
7. Larceny - Ordnance (6R)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
8. Larceny - Government (6S)	0	0	0
Base Personnel - military	0	2	0
Base Personnel - civilian	0	1	4
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

* ADDED "0" ALL BLOCKS

29. Crime Rate, continued

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

CR*

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	0	0	0
Base Personnel - military	2	0	2
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
10. Wrongful Destruction (6U)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	1
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
11. Larceny - Vehicle (6V)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
12. Bomb Threat (7B)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

* ADDED "0"

29. **Crime Rate, continued**

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

CR*

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)	2	0	1
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
15. Death (7H)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
16. Kidnapping (7K)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

* ADDED "0"

ACTIVITY: N32013

9. **Crime Rate, continued**

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

(R*

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
19. Perjury (7P)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
20. Robbery (7R)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
21. Traffic Accident (7T)	0	0	0
Base Personnel - military	5	5	8
Base Personnel - civilian	3	0	2
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

* ADDED "0"

9. **Crime Rate, continued**

Table 29.1.f: **Local Crime Rate** (R*

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
23. Indecent Assault (8D)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
24. Rape (8F)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
25. Sodomy (8G)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

* ADDED "0"

TIVITY LISTING

Type	Title	Location
WPNSTA	NAVWPNSTA EARLE	Colts Neck, NJ
WPNSTA	NAVWPNSTA YORKTOWN	Yorktown, VA
WPNSTA	NAVWPNSTA CHARLESTON	Charleston, SC
WPNSTA	NAVWPNSTA CONCORD	Concord, CA
WPNSTA	NAVORDCEN PACDIV DET FALLBROOK	Fallbrook, CA
WPNSTA	NAVORDCEN PACDIV DET PORT HADLOCK	Port Hadlock, WA
WPNSTA	NAVWPNSTA SEAL BEACH	Seal Beach, CA
NAVMAG	NAVMAG GUAM	Guam
NAVMAG	NAVMAG LUALUALEI	Waianae, HI
MISSILE FACILITY	NOTU	Port Canaveral, FL
MISSILE FACILITY	POMFLANT	Charleston, SC
MISSILE FACILITY	SWFLANT	Kings Bay, GA
MISSILE FACILITY	SWFPAC	Silverdale, WA

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 BRAG95 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 BRAG95 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

NAME (Please type or print)	Signature
Title	Date
Activity	

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

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

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

BRAC-95 CERTIFICATION

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

NAME (Please type or print)	Signature
Title	Date

Division

Department

Activity

Enclosure (1)

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

NEXT ECHELON LEVEL (if applicable)

A. L. CHRISTOPHER
NAME (Please type or print)

Signature

Executive Director
Title

3 Jun 94
Date

NAVORDCEN PACDIV
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)

R. SUTTON, RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

14 JUL 94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)

Signature

Title Commander Naval Sea Systems Command

7/15/94
Date

Activity

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

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

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

Signature

Title

7/26/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

W. T. D'AMICO
NAME (Please type or print)


Signature

OFFICER IN CHARGE
Title

2 JUNE 1994
Date

NAVORDCENPACDIV PORT HADLOCK DET
Activity

Data Call 46 - Military Value

NAVORDCEN PACDIV PORT HADLOCK DETACHMENT - DC 46 REVISIONS

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

NEXT ECHELON LEVEL (if applicable)

CAPT J. C. DEVLIN, USN
NAME (Please type or print)

Signature

Commander
Title

11 Oct 94
Date

NAVORDCEN PACDIV
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)

R. SUTTON, RADM, USN
NAME (Please type or print)

Signature

26 OCT 94
Date

COMMANDER
Title

NAVAL ORDNANCE CENTER
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

G. R. STERNER
Commander
Naval Sea Systems Command
Title

10-26-94
Date

Activity

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

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

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

Signature

Title

11/1/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

ACTIVITY COMMANDER

W. T. D'AMICO
NAME (Please type or print)

Signature

OFFICER IN CHARGE
Title

4 OCTOBER 1994
Date

NAVORDCENPACDIV DET PORT HADLOCK
Activity

DATA CALL 46 REVISIONS

BRAC-95 CERTIFICATION

NAVORDCEN PACDIV Port Hadlock Detachment

DATA CALL 46 ELEMENT

R

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

NEXT ECHELON LEVEL (if applicable)

J. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

21 Oct 94
Date

NAVORDCEN PACDIV
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)

R. SUTTON, RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

7 Nov 94
Date

NAVAL ORDNANCE CENTER
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

G. R. STERNER
Commander
Title Naval Sea Systems Command

11/8/94
Date

Activity

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

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

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

Signature

Title

12/2/94
Date

R

BRAC-95 CERTIFICATION
BSAT QUERY DATA CALL 46 ELEMENT
COMNAVORD FAX N33 OF 21 SEP 94

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."

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

ACTIVITY COMMANDER

W. T. D'AMICO
NAME (Please type or print)


Signature

OFFICER IN CHARGE
Title

17 OCTOBER 1995
Date

NAVORDCEN PACDIV DET PORT HADLOCK
Activity

CLARIFICATION QUESTIONS FOR DATA CALL #46

PORT HADLOCK DETACHMENT

1. Table 1.2 Fraction of Storage in Use. We have assumed no greater than 100% storage is feasible therefore did not indicate the 135% excess requirement of predicted FY 2001 Inventory over Maximum Stowage capability indicated by DC25 Table 2.2. We have used the same reasoning in the DC46 Table 1.1 report of FY 2001 storage, which uses the figure for calculated SF and tons of storage at maximum stowage capability. Fraction of storage for the ordnance categories of DC46 Table 1.2 was calculated based upon the Load Plan mix distributed among the various categories of magazines. The ratios of fractional storage for various categories of ordnance are complicated by the fact that appropriate magazine categories used to store them will vary as a fraction of total magazine space. For example, when in FY 2001 Threat tonnage will represent 83% within the table row of available missile storage, it only represents 21% taken as a fraction of total magazine square footage. Our DC25 Table 2.2 shows an excess inventory in FY 2001 of 3797 tons over maximum storage capability for LOE category ordnance currently stored in HE magazines.. In FY 2001, 5121 SF excess will be found for SP&P magazine storage which for a full accounting of total fraction of storage, barring compatibility and ESQD factors, might be considered for alternate use at the higher (more efficient space utilization for Box magazines) SF/TON storage factor of 11.5 SF/Ton found at our activityand satisfy 445 tons of the deficiency. 808 SF excess of storage capability will exist in FY 2001 in Fuze/Detonator magazines which could be converted to HE storage at the factor of 17.69 SF/Ton (less efficient storage in igloo magazines) and store an additional 46 tons. 8030 SF of excess missile magazine storage in FY 2001 could be converted for LOE storage at the 13SF/Ton conversion rate to account for an additional quantity of 617 Tons. The net deficiency in FY 2001 is 2689 Tons of LOE category ordnance.

2. Table 14.1 DC25 MRP expense information for the years FY 1986-1988 is not available. During that time this activity was an annex of NAVUNSEAWARCEN Keyport. Budget requirements were not broken out for the separate annexes and we have been told records are not available.

Dick Barrows

Dick Barrows, BRAC Coordinator
Port Hadlock Detachment

R

REVISED CERTIFICATION OF ~~TABLE4.1.G DATA CALL 25~~
~~AND~~ TABLE 13.1 DATA CALL 46
NAVORDCEN PACDIV PORT HADLOCK DETACHMENT

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

NEXT ECHELON LEVEL (if applicable)

101

J. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

7 Nov 94
Date

NAVORDCEN PACDIV
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)

R. W. CHAMBLISS, COL, USMC
NAME (Please type or print)

Signature

Acting
COMMANDER
Title

12/6/94
Date

NAVAL ORDNANCE CENTER
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 G. R. STERNER
Commander
Naval Sea Systems Command

12/8/94
Date

Activity

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

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

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

Signature

Title

12/22/94
Date

K

BRAC-95 CERTIFICATION
TABLE 13.1 DC #46

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."

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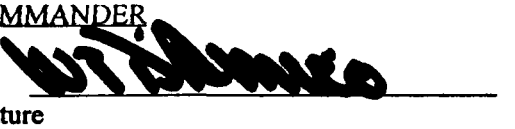
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

WILLIAM T. D'AMICO
NAME (Please type or print)


Signature

OFFICER IN CHARGE
Title

31 OCTOBER 1994
Date

NAVORDCENPACDIV PORT HADLOCK DET
Activity

Entire Data Call
Revision

20 June 1994

CAPACITY DATA CALL

NAVAL WEAPONS STATIONS,
NAVAL MAGAZINEs,
and
STRATEGIC MISSILE FACILITIES

Questions for the Activities

Category	....	**Industrial Activities**
Sub-Category	....	**Naval Weapons Stations,**
	....	**Naval Magazines,** and
	....	**Strategic Weapons Facilities**
Claimants	....	**COMNAVSEASYSCOM** - Naval Weapons Stations
	....	**CINCPACFLTA** - Naval Magazines (on U.S. territory)
	....	**DIRSSP** - Strategic Missile Facilities

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 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 the BRAC-88/91/93 actions.

2. Unless otherwise specified, for questions addressing maximum workload within this Data Call, base your response on an eight hour day/five day notional work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule. Also, identify your "40 hour" work week schedule, if different from "1-8-5".

3. "Production" equates to the number of items processed per Fiscal Year (FY), unless otherwise specified. Report Direct Labor Man Hours (DLMHs) in thousands of Man Hours, to the nearest tenth, e.g. 32.2 K DLMHs.

4. 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.

5. Report all workload performed, clearly identifying origin of all non-DON workload.

6. Mission area work (as defined in sections 1 through 7) performed by tenant activities (e.g. MOMAG) should be reported in separate, duplicate tables in the applicable sections.

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.

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 depot work in any other area, please include such workload and so annotate your Data Call response.

Commodity Groups List

1. Aircraft Airframes:
   - Rotary
   - VSTOL
   - Fixed Wing
     - Transport / Tanker / Bomber / Command and Control
     - Light Combat
     - Admin / Training
   - Other

2. Aircraft Components
   - Dynamic Components
   - Aircraft Structures
   - Hydraulic/Pneumatic
   - Instruments
   - Landing Gear
   - Aviation Ordnance
   - Avionics/Electronics
   - APUs
   - Other

3. Engines (Gas Turbine)
   - Aircraft
   - Ship
   - Tank
   - Blades / Vanes (Type 2)

4. **Missiles and Missile Components**
   - Strategic
   - Tactical / MLRS

5. Amphibians
   - Vehicles
   - Components (less GTE)

6. Ground Combat Vehicles
   - Self-propelled
   - Tanks
   - Towed Combat Vehicles
   - Components (less GTE)

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

8. Automotive / Construction Equipment

9. Tactical Vehicles
   - Tactical Automotive Vehicles
   - Components

10. **Ground General Purpose Items**
    - **Ground Support Eqpmt** (except aircraft)
    - **Small Arms / Personal Weapons**
    - **Munitions / Ordnance**
    - Ground Generators
    - **Other**

JCSG-DM: Maintenance and Industrial Activities

CAPACITY DATA CALL
NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

Questions for the Activities

Table of Contents

Table of Acronyms

ACE	Acquisition Cost of Equipment
AICUZ	Air Installations Compatibility Use Zone
Ammo	Ammunition
CADs	Cartridge Actuated Devices
CAL	Caliber
CIA	Controlled Industrial Area
CCN	Category Code Number
CHT	Collection, Holding and Transfer
CPV	Current Plant Value
Demo	Demonstration
DLMH	Direct Labor Man Hours
DM	Depot Maintenance
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FY	Fiscal Year
GPB	General Purpose Bombs
GPD	Gallons Per Day
HE	High Explosive
HERF	Hazardous Electronic Radiation - Fuel
HERP	Hazardous Electronic Radiation - Personnel
HERO	Hazardous Electronic Radiation - Ordnance
IM	Intermediate Maintenance
IPE	Industrial Plant Equipment
ISE	In Service Engineering
JCSG-DM	Joint Cross Service Group - Depot Maintenance
KSF	Thousands of Square Feet
KVA	Kilo Volt-Ampere
LOE	Level Of Effort
MILCON	Military Construction
MLLW	Mean Low Low Water
MLRS	Multiple Launch Rocket System
MM	Milimeter
MOMAG	Mobile Mine Assembly Group
MRP	Maintenance of Real Property
NAVMAG	Naval Magazine
NEW	Net Explosive Weight
OOS	Out Of Service
ORD	Ordnance
ORDCEN	Ordnance Center
PACDIV	Pacific Division
PADs	Propellant Actuated Devices
PHS&T	Packaging, Handling, Storage and Transportation
PSI	Pounds Per Square Inch
Pyro	Pyrotechnics
RSSI	Receipt, Segregation, Stowage and Issue
SF	Square Feet
SMCA	Single Manager Conventional Ammunition
SOP	Standard Operating Procedures
Sub	Subsurface
Surf	Surface
SWF	Strategic Weapons Facility
TMDE	Test, Measurement, Diagnostic Equipment
UIC	Unit Identification Code
VERTREP	Vertical Replenishment
WPNSTA	Weapons Station

Activity: N32013

CAPACITY DATA CALL
Weapons Stations, Naval Magazines, and Strategic Missile Facilities

Questions for the Activities:

Primary Activity UIC: N32013 NAVORDCENPACDIV DETACHMENT PORT HADLOCK

Mission Area

1. Inventory

1.1 (R) Historic and Predicted Workload. List by units of weapon type the quantities of all weapons that were receipted into/are programmed to be in your inventory for the period below. Report the single highest total onboard quantity in inventory for each Fiscal Year. (Report data as of 30 September of the Fiscal Year, where data is not available for the whole year.) *For each commodity, separately identify non-DoN requirements (e.g. DoN: #x / Army: #y).*

Table 1.1.a: **Historic and Predicted Inventory** (R *

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mine	0	0	0	0	0	0	0	0
Torpedoes	2200	2200	1500	0	0	0	0	0
Air Launched Threat	0	0	0	0	1248	1248	1248	1248
Surface Launched Threat	0	0	0	0	408	408	408	408
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	77,000	77,000	77,000	77,000
INERT	17418	26169	17443	17700	8074	5500	0	6836
CADs/PADs	0	0	0	0	0	0	100,000	100,000
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0	0
LOE: Bombs	0	0	0	0	16000	16000	16000	16000
LOE: Gun Ammo (20mm-16")	0	0	0	0	600000	600000	600000	600000
LOE: Small Arms (up to 50 cal.)	0	0	0	0	2400000	2400000	2400000	2400000
LOE: Pyro/Demo	0	0	0	0	282000	282000	282000	282000
Grenades/Mortars/Projectiles	0	0	0	0	2400	2400	2400	2400

* ZEROS IN BLANKS - NO DATA CHANGE

(R) TABLE REVISED JUNE 17, 1994

Activity: N32013

1.(R) Inventory, continued

Table 1.1.b: **Historic and Predicted Inventory** ((R *-

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	1200	1200	1200	1200	1200	1200	1200
Torpedoes *	0	0	4700	4700	4700	4700	4700	4700
Air Launched Threat	1248	1248	1248	1872	1872	1872	1872	1872
Surface Launched Threat	405	405	405	607	607	607	607	607
Other Threat	0	0	0	0	0	0	0	0
Expendables	77000	77000	77000	77000	77000	77000	77000	77000
INERT	11887	12000	12000	12000	12000	12000	12000	12000
CADs/PADs	150000	214000	214000	214000	214000	214000	214000	214000
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0	0
LOE: Bombs	16000	16000	16000	20000	20000	20000	20000	20000
LOE: Gun Ammo (20mm-16")	600000	600000	600000	600000	600000	600000	600000	600000
LOE: Small Arms (up to 50 cal)	2400000	2400000	2400000	2400000	2400000	2400000	2400000	2400000
LOE: Pyro/Demo	282000	289000	289000	289000	289000	289000	289000	289000
Grenades / Mortars / Projectiles	2400	2400	2400	2400	2400	2400	2400	2400

* ZEROES IN BLANKS - NO DATA CHANGES

(R) TABLE REVISED JUNE 17, 1994

NOTE:

(*) = ASSUMES NAVORDCEN IMPLEMENTS OVERSIGHT AUTHORITY FY 96

5 (R 6-17-94

2. Stowage

2.1 Identify by units of weapon type the quantity of all weapons which can be presently stored at your facility and the maximum storage capability through FY 2001. In determining maximum capability assume (a) the current projected total workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance stowage, choose the best configuration based on type of facilities available and predicted requirements.

Table 2.1: **Present and Predicted Stowage Capability**

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Mines	1200	1200
Torpedoes *	N/A	4700
Air Launched Threat	2406	2906
Surface Launched Threat	276	776
Other Threat	0	0
Expendables	80,000	80,000
INERT	265,000	300,000
CADs/PADs	215,000	365,000
Strategic Nuclear	0	0
Tactical Nuclear	0	0
LOE: Rockets	800	1000
LOE: Bombs	16000	20000
LOE: Gun Ammo (20mm-16")	100000	131,000
LOE: Small Arms (up to 50 cal.)	3,500,000	4,500,000
LOE: Pyro/Demo	388,000	388,000
Grenades / Mortars / Projectiles	4,100	4100
Other (specify)	0	0

NOTE: PROGRAMMED MILCON P-298T WILL EXPAND PRESENT TO MAXIMUM STOWAGE QUANTITIES SHOWN. TORPEDO WORKLOAD ASSUMES NAVORDCEN OVERSIGHT IN FY96. TORPEDO STORAGE IS ASSUMMED TO REMAIN AT ASSETS CURRENTLY OWNED BY NUWC KEYPORT. WILL NOT AFFECT STORAGE CAPABILITY AT DET PH.

2. Stowage, continued

2.2 (R) Provide, by facility number, the present and predicted inventories and the maximum stowage capability in tons and square feet for each stowage facility (e.g. box, igloo) under your cognizance. Using the assumptions given in section 2.1 in predicting the outyear facility utilization, distribute your overall ordnance compliment to the most likely configuration. When listing storage by facility, group facilities by location (e.g. main base, outlying area, special area, detachment), and identify that location in the space provided. Present and Predicted Inventories' SF reports the square footage required by those inventories; Maximum Stowage SF values will indicate the total square footage available. Reproduce Table 2.2 as necessary. *If any non-DON inventory is held/programmed to be held, report that material separately from your DON stock.*

Table 2.2: **Total Facility Capability Summary**

Site: Main Base ((R

Facility Number			PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
TYPE	CCN	NUMBER	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
Fuze/ Detonator	421-12	20 ea	9.7	3725	15.5	5952	17.6	6760 (R
High Explosive	421-22	67 ea	6638	117452	10608	187656	6811	120500 (R
SP&P	421-52	3 ea	538	6200	859	9879	1304	15000 (R
Missile	421-72	5 ea	506.6	24332	810	38920	978	46950 (R
Total This Site			7692	151709	12292.5	242407	9110	189210 (R

(R) TABLE REVISED JUNE 17, 1994

2. Stowage, continued

2.3 (R) In the table below, provide the basic characteristics of the stowage facilities under your cognizance. Identify the type of structure (e.g. box, igloo), its rated category, rated Net Explosive Weight (N.E.W.) and status of ESQD arc for each stowage facility listed above.

(R) TABLE REVISED JUNE 17, 1994

Table 2.3: **Facility Rated Status**

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Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc			
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date	
10FC107	1.2 (08)	P/C	Y	N		(R
10FC110	1.2 (12)	P/C	Y	N		(R
10FC111	1.1	30,000	Y	N		(R
10FC112	1.1	35,000	Y	N		(R
10FCX101	1.2 (08)	P/C	Y	N		
10FCX102	1.2 (08)	P/C	Y	N		
10FCX103	1.2 (08)	P/C	Y	N		
10FCX104	1.2 (08)	P/C	Y	N		(R
10FCX105	1.2 (08)	P/C	Y	N		(R
10FCX106	1.2 (08)	P/C	Y	N		(R
4FCX87	1.2 (12)	P/C	Y	N		
7ATX54	1.1	250,000	Y	N		(R
1AT38	1.1	250,000	Y	N		(R
1AT42	1.1	250,000	Y	N		(R

Activity: N32013

Table 2.3: **Facility Rated Status, continued**

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Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
1AT43	1.1	250,000	Y	N	
1AT44	1.1	250,000	Y	N	
1AT45	1.1	250,000	Y	N	
1AT46	1.1	250,000	Y	N	
1ATX39	1.1	250,000	Y	N	
1ATX40	1.1	250,000	Y	N	
1ATX41	1.1	250,000	Y	N	
1ATX47	1.1	250,000	Y	N	
2AT30	1.1	150,000	Y	N	
2AT31	1.1	130,000	Y	N	
2ATX32	1.1	85,000	Y	N	
2ATX36	1.1	90,000	Y	N	
2ATX37	1.1	45,000	Y	N	
2BT28	1.1	200,000	Y	N	

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2BT29	1.1	175,000	Y	N	
2BT34	1.1	140,000	Y	N	
2BTX33	1.1	110,000	Y	N	
2BTX35	1.1	170,000	Y	N	

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Table 2.3: **Facility Rated Status, continued**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
3AT18	1.1	250,000	Y	N	
3ATX19	1.1	250,000	Y	N	
3ATX20	1.1	250,000	Y	N	
3BT12	1.1	250,000	Y	N	
3BT13	1.1	250,000	Y	N	
3BT14	1.1	250,000	Y	N	
3BT15	1.1	250,000	Y	N	
3BT16	1.1	250,000	Y	N	
3BT17	1.1	250,000	Y	N	

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Activity: N32013

4BTX21	1.1	150,000	Y	N	
4BTX22	1.1	190,000	Y	N	
4BTX23	1.1	225,000	Y	N	
4BTX24	1.1	250,000	Y	N	
4BTX25	1.1	250,000	Y	N	
4BTX26	1.1	200,000	Y	N	
4BTX27	1.1	160,000	Y	N	
7ATX48	1.1	225,000	Y	N	

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Table 2.3: **Facility Rated Status, continued**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
7ATX49	1.1	250,000	Y	N	
7ATX50	1.1	250,000	Y	N	
7ATX51	1.1	250,000	Y	N	
7ATX52	1.1	250,000	Y	N	
7ATX53	1.1	250,000	Y	N	
7ATX55	1.1	225,000	Y	N	

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7ATX56	1.1	200,000	Y	N	
7ATX57	1.1	190,000	Y	N	
8ATX91	1.1	65,000	Y	N	
8ATX92	1.1	70,000	Y	N	
8ATX93	1.1	150,000	Y	N	
8ATX94	1.1	30,000	Y	N	
8ATX95	1.1	140,000	Y	N	
8ATX96	1.1	200,000	Y	N	
8ATX97	1.1	160,000	Y	N	
8ATX98	1.1	200,000	Y	N	
8ATX99	1.2	100,000	Y	N	
8ATX100	1.1	5,000	Y	N	

Table 2.3: **Facility Rated Status, continued** (CR

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
9ATX120	1.3	250,000	Y	N	

(CR

Activity: N32013

9ATX121	1.1	250,000	Y	N	
9ATX122	1.1	250,000	Y	N	
9ATX123	1.1	250,000	Y	N	
9ATX124	1.1	250,000	Y	N	
9ATX58	1.1	250,000	Y	N	
9ATX59	1.1	250,000	Y	N	
9ATX60	1.1	250,000	Y	N	
9ATX61	1.1	250,000	Y	N	
5HT1	1.1	15,000	Y	N	
5HT3	1.1	15,000	Y	N	
5HT7	1.1	15,000	Y	N	
5HT8	1.1	15,000	Y	N	
5HT9	1.1	15,000	Y	N	
5HTX2	1.1	15,000	Y	N	
5HTX4	1.2(08)	P/C	Y	N	
5HTX5	1.1	15,000	Y	N	
5HTX6	1.1	15,000	Y	N	

Table 2.3: **Facility Rated Status, continued**

Activity: N32013

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
3WCX11	1.1	250,000	Y	N	
9WCX119	1.1	250,000	Y	N	
11AC1021	1.1	2,000	Y	N	
11AC1022	1.1	15,000	Y	N	
11AC1023	1.1	15,000	Y	N	
11AC1024	1.1	15,000	Y	N	
11AC1025	1.1	15,000	Y	N	
6LCY85	1.1	15,000	Y	N	
6LCY86	1.1	15,000	Y	N	
6MCY88	1.2 (08)	P/C	Y	N	

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2. Stowage, continued

2.4(R) Provide details of your calculations and the assumptions made to determine the differences reported in Table 2.2. between present and maximum capability, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased stowage workload at this activity. Indicate by Fiscal Year (FY) when programmed MILCON will increase your stowage capability and by how much. Specify any factors that significantly inhibit this facility realizing its maximum storage capability (e.g. condition of storage facilities, personnel to maintain necessary operations, operating equipment, ESQD limits, environmental constraints, physical security, etc.). (R

Tons and sguare footage of present inventory was derived by wall to wall audit of current magazine storage. All jam stows and aisle stows were identified and restowed in accordance with NAVSEAINST. 8024.2. Predicted inventory was derived using Load Plan High quantities of explosive storage provided by NAVSURFWARCEN. Crane. We made a planning assumption that the Load Plan High considers additional mission requirements associated with CVN and AOE homeporting initiatives in the Pacific Northwest. Magazine square foot was derived using NAFDB GSF. Maximum storage was derived by extending tons per square foot conversions derived from present storage for the total square footage of the four categories of magazines and includes the additional missile magazine space (21,732 GSF) to be constructed by BRACON P-298T, currently programmed for construction in 1994. There are no inhibitions that would significantly limit this facility achieving maximum storage capability.

(R) EXPLANATION OF METHODOLOGY REVISED JUNE 17, 1994 (R

2.5 For each inhibiting item identified in question 2.4, assess a cost or impact of eliminating the inhibitor, the Fiscal Year (FY) in which such elimination would be completed, and the quantity increase in storage capability realized (express in terms of tons and square feet).

No inhibiting factors.

2.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance stowage at this activity (AICUZ encroachment, pollutant discharge, etc.)? Development of ordnance stowage would be impacted be ESQD considerations and in some cases by threatened and endangered species primary and secondary nesting zones. Wetlands impacts may inhibit development in some areas. Currently no wetlands delineation has defined the extent of that limitation. No other environmental limitations are foreseen.

Mission Area

3. Throughput

3.1 Based on current programmed workload and mix, identify the current outload requirements for each commodity type of each munition stored at this facility, in each of the following operational scenarios. Provide Unit Throughput as available.

Table 3.1.a: **Over-The-Pier Throughput Requirements**

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	200	400	500
Threat	100	200	300
Nuclear Threat	0	0	0
Milvan Containers	5000*	5000*	5000*
Other	50	100	200

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* Container throughput is not cumulative and can only be performed in lieu of all other throughput.

Table 3.1.b: **Over-The-Pier Throughput Requirements**

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	N/A	N/A	N/A
Threat			

* ZEROS IN BLANKS - NO DATA CHANGE

3. Throughput, continued NOTE: **Table Revised 11/10/94**

3.2R Identify the throughput in Tons for your facility as rated, as required under the operational conditions specified, and as executed or programmed for requested Fiscal Years. In determining your maximum rated capability, assume: (a) the current projected total workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance requirement, choose the best configuration based on type of facilities available and predicted requirements. In the space provided below Table 3.2.a, detail the basis for your calculations of your maximum rated capability. If the Fiscal Years sampled in Table 3.2.b do not reflect your highest and lowest levels of activity for the period FY 1986-2001, add those years in the space provided.

Table 3.2.a**R**: **Throughput in Tons/Per Day**

		PIER	VERTREP	RAIL	TRUCK	
Maximum Rated Capability	LOE	300	0	0	150	(R
	Threat	150	0	0	120	(R
	Nuclear	0	0	0	0	
	Threat Other	75	0	0	30	(R
Requirement (Peacetime Operations)	LOE	200	0	0	100	
	Threat	100	0	0	80	
	Nuclear	0	0	0	0	
	Threat Other	50	0	0	20	
Requirement (Mobilization)	LOE	400	0	0	200	
	Threat	200	0	0	160	
	Nuclear	0	0	0	0	
	Threat Other	100	0	0	40	
Requirement (Sustainment)	LOE	500	0	0	300	
	Threat	300	0	0	240	
	Nuclear	0	0	0	0	
	Threat Other	200	0	0	60	

BASIS OF CALCULATION TABLE 3.2.a: All scenarios were calculated using single eight hour shifts. Personnel required: Maximum rated capability = x 34 ordnance handlers. Peacetime = x 23 RSSI Civilian personnel. Mobilization M+1 to M+14= x 23 RSSI Civilian + 27 Reserve. Sustainment M+15 to M+30= x 23 RSSI Civilian + 32 Reserve. Additional equipment required for Mobilization and Sustainment= 2 Additional mobile cranes to support total of 5 stations on the pier. (R

TABLE REVISED 11/10/94

3. Throughput, continued NOTE: **Table Revised 07/29/94**

3.2 Identify the throughput in Tons for your facility as rated, as required under the operational conditions specified, and as executed or programmed for requested Fiscal Years. In determining your maximum rated capability, assume: (a) the current projected total workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance requirement, choose the best configuration based on type of facilities available and predicted requirements. In the space provided below Table 3.2.a, detail the basis for your calculations of your maximum rated capability. If the Fiscal Years sampled in Table 3.2.b do not reflect your highest and lowest levels of activity for the period FY 1986-2001, add those years in the space provided.

Table 3.2.a: **Throughput in Tons/Per Day**

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability	LOE	500	0	0	300
	Threat	300	0	0	240
	Nuclear Threat	0	0	0	0
	Other	200	0	0	60
Requirement (Peacetime Operations)	LOE	200	0	0	100
	Threat	100	0	0	80
	Nuclear Threat	0	0	0	0
	Other	50	0	0	20
Requirement (Mobilization)*	LOE	400	0	0	200
	Threat	200	0	0	160
	Nuclear Threat	0	0	0	0
	Other	100	0	0	40
Requirement (Sustainment)*	LOE	500	0	0	300
	Threat	300	0	0	240
	Nuclear Threat	0	0	0	0
	Other	200	0	0	60

Munitions Type	Throughput Requirement (units/day)		
Nuclear Threat			
Other			

Activity: N32013

3. Throughput, continued

3.2 Identify the throughput in Tons for your facility as rated, as required under the operational conditions specified, and as executed or programmed for requested Fiscal Years. In determining your maximum rated capability, assume: (a) the current projected total workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance requirement, choose the best configuration based on type of facilities available and predicted requirements. In the space provided below Table 3.2.a, detail the basis for your calculations of your maximum rated capability. If the Fiscal Years sampled in Table 3.2.b do not reflect your highest and lowest levels of activity for the period FY 1986-2001, add those years in the space provided.

Table 3.2.a: **Throughput in Tons/Per Day** ((R *

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability	LOE	500	0	0	300
Shift = 2 - 10 hr shifts	Threat	300	0	0	240
	Nuclear Threat	0	0	0	0
	Other	200	0	0	60
Requirement (Peacetime Operations)	LOE	200	0	0	100

* ZEROES I.O BLANKS - No Data Change

BASIS OF CALCULATION TABLE 3.2.a: Maximum rated capability at 1-8-5 shift.
Peacetime= 1.93 short tons (ST) per M/H x 23 RSSI Civilian personnel.
Mobilization M+1 to M+14= 1.93 ST per M/H x 23 RSSI Civilian + 27 Reserve
Sustainment M+15 to M+30= 1.93 ST per M/H x 23 RSSI Civilian + 32 Reserve
Additional equipment required for Mobilization and Sustainment= 2 Additional mobile cranes to support total of 5 stations on the pier.
Maximum rated capability would be reached at sustainment level of operations.

3. Throughput, continued

Table 3.2.b: **Historic and Predicted Throughput in Tons**

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE	N/A	N/A	N/A	N/A
	Threat	N/A	N/A	N/A	N/A
	Nuclear Threat	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A
FY 1991 (Executed)	LOE	11832	O	O	10400
	Threat	1588	0	0	1000
	Nuclear Threat	-	0	0	0
	Other* (Containers)	4340	0	0	0
FY 1994 (Executed)	LOE	12320	0	0	10000
	Threat	1080	0	0	2000
	Nuclear Threat	-	0	0	0
	Other* (Containers)	5000	0	0	0

NOTE: Page Revised 07/29/94

Activity: N32013

Shift = 1 - 8 hr shift	Threat	100	0	0	80
	Nuclear Threat	0	0	0	0
	Other	50	0	0	20
Requirement (Mobilization)*	LOE	400	0	0	200
Shift = 2 - 8 hr shifts	Threat	200	0	0	160
	Nuclear Threat	0	0	0	0
	Other	100	0	0	40
Requirement (Sustainment)*	LOE	500	0	0	300
Shift = 2 - 10 hrshifts	Threat	300	0	0	240
	Nuclear Threat	0	0	0	0
	Other	200	0	0	60

3. Throughput, continued

Table 3.2.b: **Historic and Predicted Throughput in Tons** ((R *

	PIER	VERTREP	RAIL	TRUCK

* Zeroes ADDED IN BLANKS - NO DATA CHANGE

Activity: N32013

FY 1986 (Executed)	LOE	N/A	N/A	N/A	N/A
	Threat	N/A	N/A	N/A	N/A
	Nuclear Threat	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A
FY 1991 (Executed)	LOE	11832	O	O	10400 (R
	Threat	1588	0	0	1000 (R
	Nuclear Threat	-	0	0	0
	Other* (Containers)	4340	0	0	0
FY 1994 (Executed)	LOE	12320	0	0	10000 (R
	Threat	1080	0	0	2000 (R
	Nuclear Threat	-	0	0	0
	Other* (Containers)	5000	0	0	0

* Zeroes added in blanks – [illegible]

3. **Throughput, continued**

Table 3.2.c: **Historic and Predicted Throughput in Tons**

		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE	13456	0	0	12000
	Threat	1544	0	0	1500
	Nuclear Threat	0	0	0	0
	Other* (Containers)	5000	0	0	0
FY 2001 (Programmed)	LOE	15278	0	0	13000
	Threat	4122	0	0	2400
	Nuclear Threat	-	0	0	0
	Other* (Containers)	5000	0	0	0
FY: ____ Minimum Outload Workload	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY: ____ Maximum Outload Workload	LOE				
	Threat				
	Nuclear Threat				
	Other				

* Zeroes in BLANKS - ~~Add Data Image~~

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3. Throughput, continued

3.3 Identify the annual throughput, by type of receiving vessel, in short tons, for the period requested. Specify all non-DON recipients of ordnance from your activity (e.g. Army, FMS).

Table 3.3.a: **Historic/Programmed Ordnance Throughput Capability**

Type of Ship		Annual Short Tons Throughput							
		FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Combatants	CV /CV N	N/A	N/A	N/A	N/A	2400	2400	2400	2400
	Other					4000	4020	4200	3600
Navy Bulk (AE, AOE, AOR, etc.)						7000	7000	7000	7000
Navy Amphibious Ships						0	0	0	0
Other Break Bulk						0	0	0	0
Container Ship						0	4340 Joint Service	10400 Joint Service	5289 Joint Service

NOTE: PAGE REVISED 07/29/94

3. Throughput, continued

3.3 Identify the annual throughput, by type of receiving vessel, in short tons, for the period requested. Specify all non-DON recipients of ordnance from your activity (e.g. Army, FMS).

Table 3.3.a: **Historic/Programmed Ordnance Throughput Capability** (R

Type of Ship		Annual Short Tons Throughput								
		FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	
Combatants	CV /CVN	N/A	N/A	N/A	N/A	2400	2400	2400	2400	(R
	Other					4000	4020	4200	3600	(R
Navy Bulk (AE, AOE, AOR, etc.)						7000	7000	7000	7000	(R
Navy Amphibious Ships						0	0	0	0	(R*
Other Break Bulk						0	0	0	0	
Container Ship						0	4340	10400	5289	

* Zeroes in Blocks

3. Throughput, continued

Table 3.3.b: **Historic/Programmed Ordnance Throughput Capability**

Type of Ship		Annual Short Tons Throughput							
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	2600	3000	2600	3000	3000	2600	2400	3000
	Other	3800	4000	4400	5000	6000	5400	5400	5400
Navy Bulk (AE, AOE, AOR, etc.)		7000	7000	7000	7000	11000	11000	11000	11000
Navy Amphibious Ships		0	0	0	0	0	0	0	0
Other Break Bulk		0	0	0	0	0	0	0	0
Container Ship		5000 Joint Service	5000 Joint Service	5000 Joint Service	5000 Joint Service	5000 Joint Service	5000 Joint Service	5000 Joint Service	5000 Joint Service

Table Revised 07/29/94

3. Throughput, continued

Table 3.3.b: **Historic/Programmed Ordnance Throughput Capability** (R *

Type of Ship		Annual Short Tons Throughput							
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	2600	3000	2600	3000	3000	2600	2400	3000
	Other	3800	4000	4400	5000	6000	5400	5400	5400
Navy Bulk (AE, AOE, AOR, etc.)		7000	7000	7000	7000	11000	11000	11000	11000
Navy Amphibious Ships		0	0	0	0	0	0	0	0
Other Break Bulk		0	0	0	0	0	0	0	0
Container Ship		5000	5000	5000	5000	5000	5000	5000	5000

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(R*

* Zeroes in Blocks

3. Throughput, continued

3.4 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the ordnance outload conducted, based on the current and future planned workload mixes? Please provide your response in annual throughput, by type of receiving vessel, in short tons, that could be accomplished at this facility for the period requested.

Table 3.4: **Maximum Potential Ordnance Throughput Capability** ((R *

3. Throughput, continued

3.4 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the ordnance outload conducted, based on the current and future planned workload mixes? Please provide your response in annual throughput, by type of receiving vessel, in short tons, that could be accomplished at this facility for the period requested.

Table 3.4: **Maximum Potential Ordnance Throughput Capability**

Type of Ship		Short Tons Throughput Per Active Day						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	500	500	500	500	500	500	500
	Other	200	200	200	200	200	200	200
Navy Bulk (AE, AOE, AOR, etc.)		1000	1000	1000	1000	1000	1000	1000
Navy Amphibious Ships		0	0	0	0	0	0	0
Other Break Bulk		0	0	0	0	0	0	0
Container Ship		5000	5000	5000	5000	5000	5000	5000

*THROUGHPUT REPORTED IS NOT CUMULATIVE. TONS REPORTED ARE TOTALS THAT CAN BE THROUGHPUT FOR EACH CLASS OF SHIP.

NOTE: Table Revised 07/29/94

Activity: N32013

Type of Ship		Short Tons Throughput Per Active Day						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	500	500	500	500	500	500	500
	Other	80	80	80	80	80	80	80
Navy Bulk (AE, AOE, AOR, etc.)		1000	1000	1000	1000	1000	1000	1000
Navy Amphibious Ships		0	0	0	0	0	0	0
Other Break Bulk		0	0	0	0	0	0	0
Container Ship		5000	5000	5000	5000	5000	5000	5000

CR*

CR*

*THROUGHPUT REPORTED IS NOT CUMULATIVE. TONS REPORTED ARE TOTALS THAT CAN BE THROUGHPUT FOR EACH CLASS OF SHIP.

* Zeroes added in Blanks – No Data Change

3. Throughput, continued Note: Page Revised 08/01/94

3.5 Provide details of the calculations used to complete Tables 3.4, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased outload workload at this activity. SHIFT ASSUMPTION: 1-8-5.
1 CVN 500 tons per day = 54 personnel x 1.16 ST/HR Threat category of ordnance.
1 Combatant 200 tons per day = 32 personnel x .77 ST/HR Mixed Threat, Loe.
1 AOE 1000 tons per day = 65 personnel x 1.93 ST/HR LOE category of ordnance.
1 self provisioned Container Ship 5000 tons per day = 250 containers/day @ 40K lbs ea. 10.4 lifts/hr @ three stations. Container throughput constrained by lack of container crane and container handlers.

3.6 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform ordnance outloads? What other investments in the industrial infrastructure would you make to increase activity outload capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

A. A Mobile Gantry Container Crane - 6.5 Million Dollars Discounted for 30 years = $2,122,900. Efficiency assumptions - Current capability is 10 container lifts per hour from each crane station of a self provisioned container ship. A pierside mobile crane can perform 25 lifts per hour from a single station which would eliminate two stations and 14 personnel. One 250 container evolution per year during peace time = 105 DLMH savings per year. Assume 250 containers per day sustained mobilization requirements for 120 days every 15 years = 12600 DLMH savings. Payback = Approximately 45 years.

B. An additional south access to the ammunition pier to relieve congestion and improve safety - $1.2 Million discounted 30 years = $391,920.
Increased capability and efficiency - 150 DLMH per multiple ship evolution X 10 evolutions/yr = $83,460 annual savings. Payback = Approximately 5 years.

C. Two 50 ton container handlers are required to support container throughput in holding yards. Cost of $170K each is programmed in FY95 Capital Purchase Program.

3.7 Are there any ultimate and overriding limiting factors to expansion of this activity's outloading workload? If so, what are they? NONE

3.8 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance outloading at this activity (AICUZ encroachment, pollutant discharge,etc.)?

The following factors may inhibit the development of additional Ordnance Outloading activities:
Detachment Port Hadlock is allowed a total of 100,000 gallons of potable water, averaged over a month time frame, from our water supplier (Port Townsend Water Department). The increase in outleading will have an increase in water consumption associated with it due to the presence of the ships and additional personnel. Alternative water supplies would have to be developed by activated an existing well located at the activity.
The domestic sewage treatment system is allowed to discharge 36,000 gallons of treated effluent a day. The increase in ordnance outloading will increase the amount of domestic sewage requiring treatment. This increase in treatment requirements may overload the facilities current capabilities.

3. Throughput, continued

3.5 Provide details of the calculations used to complete Tables 3.4, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased outload workload at this activity.

SHIFT ASSUMPTIONS:

1 CV 500 tons per active day - One ten hour shift
1 AOE 1000 tons per active day - Two ten hour shifts
1 Combatant 80 tons per active day - One ten hour shift
1 Container Ship 5000 tons per active day - Two ten hour shifts

3.6 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform ordnance outloads? What other investments in the industrial infrastructure would you make to increase activity outload capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

A Portal Crane for container loading - 6.5 Million Dollars

Efficiency assumptions - Current capability is 8 container lifts per hour, a Container Crane lifts 25 containers per hour. Two 680 container evolutions per year during peace time = 2320 DLMH savings per year. Assume 250 contaners per day sustained mobilization requirements for 120 days every 15 years = 2520 DLMH savings. Payback = Approximately 34 years.

An additional south access to the ammunition pier to relieve congestion and improve safety - $1.2 Million

Increased capability and efficiency - 150 DLMH per multiple ship evolution X 12 evolutions/yr = $90,000 annual savings. Payback = Approximately 13 years excluding any costs avoidances due to increased safety factor.

3.7 Are there any ultimate and overriding limiting factors to expansion of this activity's outloading workload? If so, what are they? NONE

3.8 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance outloading at this activity (AICUZ encroachment, pollutant discharge,etc.)?

The following factors may inhibit the development of additional Ordnance Outloading activities: Detachment Port Hadlock is allowed a total of 100,000 gallons of potable water, averaged over a month time frame, from our water supplier (Port Townsend Water Department). The increase in outleading will have an increase in water consumption associated with it due to the presence of the ships and additional personnel. Alternative water supplies would have to be developed by activated an existing well located at the activity.

The domestic sewage treatment system is allowed to discharge 36,000 gallons of treated effluent a day. The increase in ordnance outloading will increase the amount of domestic sewage requiring treatment. This increase in treatment requirements may overload the facilities current capabilities.

Mission Area

4. Maintenance and Testing

4.1 By units of ordnance type and by DLMHs, identify what maintenance and testing has been or is programmed to be performed at this location for the period requested. Report depot-level maintenance as a separate line from intermediate-level maintenance.

Table 4.1.a: **Historic and Predicted Maintenance and Testing Workload**

Ordnance Type *ALL I LEVEL MAINTENANCE	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes MK103 WHD MK 46 ILM	2200	2200	2200	1500	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	17418	26169	17443	177	8074	5500	0	6836
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	716	14820	424	0	0	0	0	0
LOE: Bombs	6219	1978	5311	9508	4585	2846	1134	2371
LOE: Gun Ammo (20MM-16")	554794	142983	78319	82252	383	311099	828813	172506
LOE: Small Arms (up to 50 cal)	111974	0	0	0	25953	0	0	0
LOE: Pyro/Demo	0	0	0	0	1704	0	0	38
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify) FUZE CVT	0	3424	0	0	0	0	0	0
Total:	993321	191574	103697	93437	40699	319445	829947	181751

4. Maintenance and Testing, continued

Table 4.1.b: **Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	11887	5000	5000	5000	5000	5000	5000	5000
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0	0
LOE: Bombs	2979	4000	4000	4000	4000	4000	4000	4000
LOE: Gun Ammo (20mm-16")	131989	29664	29664	29664	29664	29664	29664	29664
LOE: Small Arms (up to 50 cal)	0	0	0	0	0	0	0	0
LOE: Pyro/Demo	0	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0	0
Total:	146855	38664	38664	38664	38664	38664	38664	38664

4. Maintenance and Testing, continued

Table 4.1.c: **Historic and Predicted Maintenance and Testing Workload**
TABLE REVISED 27 OCT 1994

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes	7812	7812	7812	5292	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	10743	8061	6663	236	2878	2061	0	2823
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	601	0	290	0	0	0	0	0
LOE: Bombs	13926	4410	16524	22460	12396	7208	4467	7619
LOE: Gun Ammo (20mm-16")	2689	7327	1845	1341	83	10970	18916	4040
LOE: Small Arms (up to 50 cal)	370	0	0	0	93	0	0	0
LOE: Pyro/Demo	0	0	0	0	677	0	0	058
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify)FUZE CVT	0	988	0	0	0	0	0	0
Total:	36,141	28,598	33,134	29,329	16127	20239	23383	14540

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4. Maintenance and Testing, continued

Table 4.1.c: **Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	10743	8061	6663	236	2878	2061	0	2823
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	601	0	290	0	0	0	0	0
LOE: Bombs	13926	4410	16524	22460	12396	7208	4467	7619
LOE: Gun Ammo (20mm-16")	2689	7327	1845	1341	83	10970	18916	4040
LOE: Small Arms (up to 50 cal)	370	0	0	0	93	0	0	0
LOE: Pyro/Demo	0	0	0	0	677	0	0	058
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify)FUZE CVT	0	988	0	0	0	0	0	0
Total:	28329	20786	25322	24037	16127	20239	23383	14540

4. Maintenance and Testing, continued

Table 4.1.d: **Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	10396	35000	3500	3500	3500	3500	3500	3500
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0	0
LOE: Bombs	3490	7200	7200	7200	7200	7200	7200	7200
LOE: Gun Ammo (20mm-16")	5121	1520	1520	1520	1520	1520	1520	1520
LOE: Small Arms (up to 50 cal)	0	0	0	0	0	0	0	0
LOE: Pyro/Demo	0	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0	0
Total:	19007	12220	12220	12220	12220	12220	12220	12220

4. Maintenance and Testing, continued

4.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the maintenance and testing conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of units throughput and DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate maintenance.

Table 4.2.a: **Maximum Potential Maintenance and Testing Workload**

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0
INERT	0	0	0	0	0	0	0
CADs/PADs	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0
LOE: Bombs	10000	10000	10000	10000	10000	10000	10000
LOE: Gun Ammo (20mm-16")	29664	29664	29664	29664	29664	29664	29664
LOE: Small Arms (up to 50 cal)	927000	927000	927000	927000	927000	927000	927000
LOE: Pyro/Demo	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0

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Total:	966,664	966,664	966,664	966,664	966,664	966,664	966,664

4. Maintenance and Testing, continued

Table 4.2.b: **Maximum Potential Maintenance and Testing Workload**

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0
INERT	0	0	0	0	0	0	0
CADs/PADs	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0
LOE: Rockets	21600	21600	21600	21600	21600	21600	21600
LOE: Bombs	19085	19085	19085	19085	19085	19085	19085
LOE: Gun Ammo (20mm-16")	13880	13880	13880	13880	13880	13880	13880
LOE: Small Arms (up to 50 cal)	0	0	0	0	0	0	0
LOE: Pyro/Demo	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0
Other (specify)	54565	54565	54565	54565	54565	54565	54565
Total:							

4. Maintenance and Testing, continued

4.3 Provide details of the calculations used to complete Tables 4.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased maintenance and testing workload at this activity.

Information comes from funding documents, Ammunition Maintenance Progress Reporting System.

4.4 Table 4.7, on the following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform maintenance and testing workload? What other investments in the industrial infrastructure would you make to increase maintenance and testing capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

Asset readiness posture indicates that maintenance/testing requirements will decrease. No further investments are predicted.

4.5 Are there any ultimate and overriding limiting factors to expansion of this activity's maintenance and testing workload? If so, what are they?

None

4.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance maintenance and testing at this activity (AICUZ encroachment, pollutant discharge, etc.)?

The major limiting factor that may inhibit the development of ordnance maintenance is the lack of a facility which is capable of handling Industrial Wastewater.

4. Maintenance and Testing, continued Table Revised 08/01/94

4.7 For all Maintenance and Testing identified in section 4.1, specify which items (by family of weapon) and the quantity (by number of units per year) you can maintain (e.g. Captor 50/yr, Phoenix 100/yr, etc.). Identify factors limiting your capability, the total cost to remove the limiting factor and the new rate that could be maintained.

Table 4.7: **Ordnance Maintenance and Testing Factors**

Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove ($K)	New Rate
Gun Ammo 5"/54 13000/yr	144/day	Additional remote defuzing cells needed	$175K	288/day

4. Maintenance and Testing, continued

4.7 For all Maintenance and Testing identified in section 4.1, specify which items (by family of weapon) and the quantity (by number of units per year) you can maintain (e.g. Captor 50/yr, Phoenix 100/yr, etc.). Identify factors limiting your capability, the total cost to remove the limiting factor and the new rate that could be maintained.

Table 4.7: **Ordnance Maintenance and Testing Factors**

Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove ($K)	New Rate
N/A	N/A	N/A	N/A	N/A

4. Maintenance and Testing, continued

4.8 If the workload reported in section 4.1 is not the complete maintenance/testing package required by the munition, briefly describe what additional work is required, where the weapon must be sent to accomplish the work, and at what frequency the work must be done. Report depot-level maintenance as a separate line from intermediate maintenance.

Table 4.8: **Additional Ordnance Maintenance and Testing Requirements**

Munitions Type	Additional Work Required	Location for Additional Work	Frequency of Additional Work
N/A	N/A	N/A	N/A

4.9 For each additional maintenance or testing action listed in Table 4.8 above, identify if that workload could be performed at your activity. Briefly describe what modifications would be necessary to accomplish that workload at your activity, and the associated costs.

4. Maintenance and Testing, continued

Questions 4.10-4.15 refer to Depot Maintenance workload performance only.

4.10 Given the current configuration and operation of your activity, provide the depot/industrial level maintenance by commodity group (from the Commodity List in the Notes at the beginning of this Data Call) that was executed in and is programmed for the Fiscal Years (FY) requested in units throughput and in Direct Labor Man Hours (DLMHs). Summarize ordnance commodity types serviced at this activity from the totals provided in Tables 4.1.a-.d.

Table 4.10.a: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA
Total:								

Table 4.10.b: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Activity: N32013

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Total:								

4. Maintenance and Testing, continued

Table 4.10.c: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total:								

Table 4.10.d: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001

Activity: N32013

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total:								

Activity: N32013

4. Maintenance and Testing, continued

4.11 For each commodity group type reported in Tables 4.10.a through 4.10.d, assume (a) the current projected total depot / industrial workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, 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 depot / industrial maintenance operations could be expanded at this activity, based on the current and future planned workload mixes, for the requested period? Please provide your response in both the absolute maximum number of units and DLMHs that could be processed at this activity by applicable commodity group. Summarize Ordnance from Table 4.2.a-b.

Table 4.11.a: **Maximum Potential Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total:								

Table 4.11.b: **Maximum Potential Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Activity: N32013

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Total:								

4. Maintenance and Testing, continued

4.12 Provide details of your calculations in Tables 4.11.a-b including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased workload by commodity group at this activity.

N/A

4.13 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform workload in each of the applicable commodity groups? Describe quantitatively how the changes above would increase your activity's depot/industrial level maintenance capabilities. What would the associated costs be? What would be the payback period and return on investment?

N/A

4.14 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of depot/industrial level workload and this activity (AICUZ encroachment, pollutant discharge, etc.)?

N/A

4. Maintenance and Testing, continued

4.15 Workload Summary. Enter the information from the Predicted and Potential Workload sections of Tables 4.10 and 4.11 into the table below and calculate the variance between projected and potential workloads. Again, clearly identify each commodity and include all commodities serviced at this activity.

Table 4.15.a: **PREDICTED WORKLOAD VARIANCE FOR FY 1995**

FY 1995 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 4.15.b: **PREDICTED WORKLOAD VARIANCE FOR FY 1996**

FY 1996 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

Table 4.15.c: **PREDICTED WORKLOAD VARIANCE FOR FY 1997**

FY 1997 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 4.15.d: **PREDICTED WORKLOAD VARIANCE FOR FY 1998**

FY 1998 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

Table 4.15.e: **PREDICTED WORKLOAD VARIANCE FOR FY 1999**

FY 1999 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 4.15.f: **PREDICTED WORKLOAD VARIANCE FOR FY 2000**

FY 2000 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

Table 4.15.g: **PREDICTED WORKLOAD VARIANCE FOR FY 2001**

FY 2001 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Mission Area

5. Manufacturing Workload

5.1 Identify ordnance manufacturing capabilities of your activity by number of units and Direct Labor Man Hours (DLMHs) that have been executed or are programmed to be performed in the period requested, within each ammunition/ordnance type. Specify all non-ordnance and non-DON workload.

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

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

5. Manufacturing Workload, continued

Table 5.1.b: **Historic and Predicted Manufacturing Workload**

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

5. Manufacturing Workload, continued

Table 5.1.c: **Historic and Predicted Manufacturing Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

5. Manufacturing Workload, continued

Table 5.1.d: **Historic and Predicted Manufacturing Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

5. Manufacturing Workload, continued

5.2 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the manufacturing conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of units throughput and DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 5.2.a: **Maximum Potential Manufacturing Workload**

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

5. Manufacturing Workload, continued

Table 5.2.b: **Maximum Potential Manufacturing Workload**

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

5. Manufacturing Workload, continued

5.3 Provide details of the calculations used to complete Tables 5.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased manufacturing workload at this activity.

None currently performed or predicted to be performed.

5.4 Table 5.7, on following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform manufacturing workload? What other investments in the industrial infrastructure would you make to increase manufacturing capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

No investment in manufacturing capability is anticipated.

5.5 Are there any ultimate and overriding limiting factors to expansion of this activity's manufacturing workload? If so, what are they?

Manufacturing workload is currently and principally a single manager function.

5.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance manufacturing at this activity (AICUZ encroachment, pollutant discharge, etc.)?
The major limiting factor that may inhibit the development of ordnance manufacturing is the lack of a facility which is capable of handling Industrial Wastewater.

5. Manufacturing Workload, continued

5.7 For each weapons manufacturing capability included in section 5.1 above, identify by type of weapon (Captor, Harpoon, Tomahawk, etc.) the production rate per year, and what factors limit that rate, the cost to eliminate those limiting factors, and what increased workload would be realized at that cost. In the space below the Table, please briefly describe the actions, and associated costs, necessary to improve your production rates.

Table 5.7: **Manufacturing Production Factors**

Ordnance Type	Current Production Rate	Limiting Factor	Cost to Remove ($ K)	New Production Rate
N/A	N/A	N/A	N/A	N/A

Additional Comments:

Mission Area

6. In-Service Engineering Workload

6.1 Identify ordnance in-service engineering capabilities of your activity Direct Labor Man Hours (DLMHs) that have been executed or are programmed to be performed in the period requested, within each ammunition/ordnance type. Specify all "other" entries (e.g. PHS&T).

Table 6.1.a: **Historic and Predicted In-Service Engineering Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

6. In-Service Engineering Workload, continued

Table 6.1.b: **Historic and Predicted In-Service Engineering Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

6. In-Service Engineering Workload, continued

6.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the in-service engineering conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 6.2: **Maximum Potential In-Service Engineering Workload**

Ordnance Type	Workload (DLMHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal.)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							

Ordnance Type	Workload (DLMHs)						
Other (specify)							

6. In-Service Engineering Workload, continued

6.3 Provide details of the calculations used to complete Table 6.2, including assumptions on additiona space utilized, major equipment required, production rates, and constraint that limit increased in-servic engineering workload at this activity.

None historically or currently performed. None anticipated to be performed.

6.4 Table 6.7, on following page, may be used as a worksheet for the following questions. Given a environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add delete, or modify) to increase your activity's capability to perform in-service engineering workload? What othe investments in the industrial infrastructure would you make to increase in-service engineering capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would th associated costs be? What would be the payback period and return on investment?

N/A

6.5 Are there any ultimate and overriding limiting factors to expansion of this activity's in-servic engineering workload? If so, what are they?

N/A

6.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development o ordnance in-service engineering at this activity (AICUZ encroachment, pollutant discharge, etc.)?

There are no limiting factors which would inhibit the development of Ordanance In-Service Engineering.

6. In-Service Engineering Workload, continued

6.7 For each ordnance in-service engineering capability included in section 6.1 above, identify by type o weapon (Captor, Harpoon, Tomahawk, etc.), the rate that type receives this support per year, what factors limi that rate, the cost to eliminate those limiting factors, and what increased workload would be realized at that cost.

Table 6.7: **In-Service Engineering Factors**

Ordnance Type	Current Servicing Rate	Limiting Factor	Cost to Remove ($ K)	New Servicing Rate
N/A	N/A	N/A	N/A	N/A

Mission Area

7. Technical Support

7.1 Identify the workload executed in or programmed to be accomplished in ordnance Technical Suppor for the period requested. Do *not* include In-Service Engineering in the workload reported below. Complete Table 7.1.a-b using the product mix as executed and programmed to be executed.

Table 7.1.a: **Historic and Predicted Technical Support**

Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1989	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

7. Technical Support, continued

Table 7.1.b: **Historic and Predicted Technical Support**

Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

7. Technical Support, continued

7.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand i available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no majo MILCON additional to that already programmed: what is the maximum extent to which this activity coul expand the technical support conducted, based on the current and future planned workload mixes? Please provid your response in the absolute number of DLMHs that could be accomplished at this facility. Report depot-leve maintenance as a separate line from intermediate and below level maintenance.

Table 7.2: **Maximum Potential Technical Support**

Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal.)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

7. Technical Support, continued

7.3 Provide details of the calculations used to complete Table 7.2, including assumptions on additiona space utilized, major equipment required, production rates, and constraint that limit increased technical suppor workload at this activity.

None historically or currently performed. None anticipated to be performed.

7.4 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE would you change (add, delete, or modify) to increase your activity's capability to perform technical suppor workload? What other investments in the industrial infrastructure would you make to increase technical suppor capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. Wha would the associated costs be? What would be the payback period and return on investment?

N/A

7.5 Are there any ultimate and overriding limiting factors to expansion of this activity's technical suppor workload? If so, what are they?

N/A

7.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development o ordnance technical support at this activity (AICUZ encroachment, pollutant discharge, etc.)?
There are no limiting factors which would inhibit the development of Ordnance Technical Support.

Features and Capabilities

8. Stowage Facilities

8.1 List by facility number each weapon storage facility under the cognizance of this activity. Use separat tables for each location and magazine type, e.g. main base will have a table for igloo facilities and another for bo magazines.

- Identify the current rated condition of each facility (Adequate/Inadequate/Substandard), its total square footag and if it is equipped with environmental controls.

- Is this facility currently used for weapons storage? If yes, what type of ordnance, from the commodity type previously listed, is currently stowed here?

- If ordnance is currently stowed in the facility, identify the reason(s) for which this ordnance is stowed at you facility from the following list: own activity use (training); own activity use (operational stock) Receipt/Segregation/Stowage/Issue (RSSI); transhipment/awaiting issue; deep stow (war reserve); awaitin Demil; other. Explain each "other" entry in the space provided, including ordnance stowed which is not a DO asset.

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: PH/IGLOO/HE

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
1AT38	A	2	N	Y	LOE:BOMB	RSS&I
1AT42	A	2	N	Y	LOE:BOMB	RSS&I
1AT43	A	2	N	Y	LOE:BOMB	RSS&I
1AT44	A	2	N	Y	LOE:BOMB	RSS&I
1AT45	A	2	N	Y	LOE:BOMB	RSS&I
1AT46	A	2	N	Y	LOE:BOMB	RSS&I
1ATX39	A	2	N	Y	LOE:BOMB	RSS&I
1ATX40	A	2	N	Y	LOE:BOMB	RSS&I
1ATX41	A	2	N	Y	LOE:BOMB	RSS&I

Activity: N32013

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
1ATX47	A	2	N	Y	LOE:BOMB	RSS&I
2AT30	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
2AT31	A	2	N	Y	LOE:GUN AMMO	RSS&I
2ATX32	A	2	N	Y	LOE:SMALL ARMS	RSS&I
2ATX36	A	2	N	Y	INERT	RSS&I
2ATX37	A	2	N	Y	LOE:BOMBS	RSS&I
2BT28	A	1.3	N	Y	LOE:SMALL ARMS	RSS&I
2BT29	A	1.3	N	Y	LOE:BOMBS	RSS&I
2BT34	A	1.3	N	Y	LOE:BOMBS	RSS&I
2BTX33	A	1.3	N	Y	LOE:BOMBS	RSS&I
2BTX35	A	1.3	N	Y	LOE:ROCKET	RSS&I
3AT18	A	2	N	Y	LOE:BOMBS	RSS&I
3ATX19	A	2	N	Y	LOE:BOMBS	RSS&I
3ATX20	A	2	N	Y	LOE:GUN AMMO	RSS&I
3BT12	A	1.3	N	Y	LOE:BOMBS	RSS&I
3BT13	A	1.3	N	Y	LOE:BOMBS	RSS&I
3BT14	A	1.3	N	Y	LOE:PYRO DEMO	RSS&I
3BT15	A	1.3	N	Y	LOE:PYRO DEMO	RSS&I

Activity: N32013

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
3BT16	A	1.3	N	Y	LOE:PYRO DEMO	RSS&I
3BT17	A	1.3	N	Y	EXPENDABLE	RSS&I
4BTX21	A	1.3	N	Y	LOE:SMALL ARMS	RSS&I
4BTX22	A	1.3	N	Y	LOE:PYRO/ DEMO	RSS&I
4BTX23	A	1.3	N	Y	LOE:SMALL ARMS	RSS&I
4BTX24	A	1.3	N	Y	EXPENDABLE	RSS&I
4BTX25	A	1.3	N	Y	INERT	RSS&I
4BTX26	A	1.3	N	Y	LOE:BOMBS	RSS&I
4BTX27	A	1.3	N	Y	LOE:SMALL ARMS	RSS&I
7ATX48	A	2	N	Y	LOE:SMALL ARMS	RSS&I
7ATX49	A	2	N	Y	LOE:SMALL ARMS	RSS&I
7ATX50	A	2	N	Y	LOE:GUN AMMO	RSS&I
7ATX51	A	2	N	Y	LOE:BOMBS	RSS&I
7ATX52	A	2	N	Y	EXPENDABLE	RSS&I
7ATX53	A	2	N	Y	LOE:BOMBS	RSS&I
7ATX54	A	2	N	Y	LOE:SMALL ARMS	RSS&I

Activity: N32013

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
7ATX55	A	2	N	Y	LOE:SMALL ARMS	RSS&I
7ATX56	A	2	N	Y	LOE:BOMBS	RSS&I
7ATX57	A	2	N	Y	LOE:SMALL ARMS	RSS&I
8ATX91	A	2	N	Y	GRENADES	RSS&I
8ATX92	A	2	N	Y	LOE:GUN AMMO	RSS&I
8ATX93	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
8ATX94	A	2	N	Y	LOE:SMALL ARMS	RSS&I
8ATX95	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
8ATX96	A	2	N	Y	TORPEDOES	RSS&I
8ATX97	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
8ATX98	A	2	N	Y	LOE:SMALL ARMS	RSS&I
8ATX99	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
8ATX100	A	2	N	Y	LOE:SMALL ARMS	RSS&I
9ATX120	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX121	A	2	N	Y	EXPENDABLE	RSS&I

Activity: N32013

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
9ATX122	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX123	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX124	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX58	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX59	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
9ATX60	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX61	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
END OF IGLOO						

Activity: N32013

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: PH/Fuze & Det/Igloo

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
5HT1	A	0.14	N	Y	EXPENDABLES	RSSI
5HT3	A	0.14	N	Y	LOE:SMALL ARMS	RSSI
5HT7	A	0.14	N	Y	PROJECTILES	RSSI
5HT8	A	0.14	N	Y	LOE:SMALL ARMS	RSSI
5HT9	A	0.14	N	Y	LOE:SMALL ARMS	RSSI
5HTX2	A	0.14	N	Y	EXPENDABLES	RSSI
5HTX4	A	0.14	N	Y	EXPENDABLES	RSSI
5HTX5	A	0.14	N	Y	EXPENDABLES	RSSI
5HTX6	A	0.14	N	Y	PROJECTILES	RSSI
10FC107	A	.5	N	Y	INERT	RSS&I
10FC110	A	.5	N	Y	LOE:GUN AMMO	RSS&I
10FC111	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
10FC112	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
10FCX101	A	.5	N	Y	LOE:GUN AMMO	RSS&I
10FCX102	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
10FCX103	A	.5	N	Y	EXPENDABLE	RSS&I
10FCX104	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
10FCX105	A	.5	N	Y	EXPENDABLE	RSS&I
10FCX106	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
4FCX87	A	.5	N	Y	LOE:SMALL ARMS	RSS&I

END OF FUZE & DET/IGLOO

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: PH/Warhead

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
3WCX11	A	1.4	N	Y	LOE:BOMBS	RSSI
9WCX119	A	1.7	N	Y	LOE:BOMBS	RSSI
END OF WARHEAD						

Activity: N32013

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: PH/BOX

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
11AC1021	A	5.4	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
11AC1022	A	5.4	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
11AC1023	A	5.4	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
11AC1024	A	5.4	Y	Y	TORPEDOES	RSSI
11AC1025	A	5.4	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
6LCY85	A	5	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
6LCY86	A	5	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
6MCY88	A	3.3	Y	Y	LOE:SMALL ARMS	RSSI
END OF BOX						

8. Stowage Facilities, continued

8.2 Summarize the magazine characteristics reported in the Tables above (section 8.1) magazines. Table 8.2.a summarizes by location: list the total number of magazines for each type of magazine (e.g. igloo, box) at each location. Table 8.2.b summarizes by magazine type, across all locations.

Table 8.2.a: **Facility Stowage Summary**

Site: PH

Type of Magazine	Total This Type	Square Footage			
		Adequate	Substandard	Inadequate	Total
IGLOO/HE	67	120,500	0	0	120,500
IGLOO/FUZE/DET	20	6,760	0	0	6,760
BOX MISSILE	5	26,950	0	0	26,950
BOX SP&P	3	13,350	0	0	13,350
	Total:	167,560 GSF	0	0	167,560 GSF

Table 8.2.b: **Facility Stowage Summary**

Type Magazine: ALL

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
DETPH	95	167,560	0	0	167,560
	Total:	167,560			167,560

8. Stowage Facilities, continued

8.3 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the facilities in section 8.1 and 8.2 above where inadequate facilities are identified, provide the following information:

No facilities are inadequate.

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?

8. Stowage Facilities, continued

8.4 For all facilities identified in the Tables of 8.1 as currently not in use for ordnance stowage, provide a brief explanation of its current use and identify its primary usage, if different.

Facilities not in use for ordnance stowage are empty and being held in reserve for designated use by EOD or Ready Service Magazines.

8.5 If the facilities identified in Table 8.1 are distributed over a noncontiguous area (e.g. one or more Annexes, special areas, etc.), list by location all identified holdings. For any holdings detached from the main base, identify the distance from the primary activity.

None

Table 8.5: **Facility Locations**

Site (Full Title and location)	Distance
N/A	N/A

Features and Capabilities

9. Other Facilities

9.1 Identify by facility number, giving condition code and total area, all those facilities under your cognizance utilized to perform the following functions: Intermediate and Depot level Maintenance (IM; DM) and Testing (T); Manufacturing (Mftg); In-Service Engineering (ISE); or Technical Support (TS) services. NONE

Table 9.1: **Condition of Other Facilities**

Facility Number	Function	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
77	IM	13*			13
187	IM	5			5
189	IM		4.743		4.743

* NOTE: ONLY 13 KSF OF TOTAL 26 KSF IS USED FOR IM WORK.

9.2 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 in section 9.1 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?

9. Other Facilities, continued

9.3 An activity's expansion capability includes its ability to reconfigure / rehab existing underutilized facilities to accept new or increased requirements. Identify in the Table below the space available for expansion, by building type and facility number.

Table 9.3: **Space Available for Expansion**

Building Type	Facility Number	Installation Space (KSF)			Total KSF
		Adequate	Substandard	Inadequate	
PERMANENT	64	10.0	0	0	10.0
SEMI-PERM	77	26.5*	0	0	13
SEMI-PERM	90	5.0	0	0	5.0

* NOTE: BLDG 77 ONLY 13 KSF IS AVAILABLE FOR EXPANSION OF TOTAL 26 KSF.

Features and Capabilities

10. Workforce

10.1 Identify in Direct Labor Man Hours the workforce employed at your activity (all locations) for the period requested. Use the conversion standard of 1615 DLMHs per Work Year. Provide the Conversion Factor employed for computing DLMHs to DLMYs.

Conversion rate = 1615 DLMHs/DLMY

Table 10.1.a: **Non-Military Personnel**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor	102	102	102	102	102	71	60	55
Overhead	35	35	35	35	35	34	36	38
Total	137	137	137	137	137	105	96	93

Table 10.1.b: **Non-Military Personnel**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	55	54	54	54	54	54	54	54
Overhead	37	28	28	28	28	28	28	28
Total	92	82	82	82	82	82	82	82

10. Workforce, continued

Table 10.1.c: **Military Personnel**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor	0	0	0	0	0	0	0	0
Overhead	0	0	0	0	0	14	14	14
Total	0	0	0	0	0	14	14	14

Table 10.1.d: **Military Personnel**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	0	0	0	0	0	0	0	0
Overhead	14	11	2	2	2	2	2	2
Total	14	11	2	2	2	2	2	2

Features and Capabilities, continued

11. Contractor Presence

11.1 If your activity provides space within your facilities for a contractor workforce, please list the facilities so provided. Identify the facility number, amount of space provided (KSF), name(s) of the contractor(s) supported (company), number of contractor personnel resident in your spaces, and function(s) performed by these contractors.

Table 11.1: **Facilities for Contractor Support**

Facility Number	(KSF)	Contractor(s)	# Personnel	Contractor Function(s)
A062	13.513	JOHNSON CONTROLS	8	PUBLIC WORKS
A084	7.384	JOHNSON CONTROLS	4	TRANSPORTATION MECHANICS
A185	0.540	JOHNSON CONTROLS	1	FUEL STATION
A071	0.300	VITRO	3	ENVIRONMENTAL & ENGINEERING
A849	1.190	VITRO	15	AMMUNITION DISTRIBUTION & CONTROL
A848	0.170	VITRO	2	COMMUNICATIONS
A184	2.026	OLD DOMINION SECURITY	22	SECURITY
A162	0.600	JOHNSON CONTROLS	0	STORAGE

Additional Comments:

Features and Capabilities, continued

12. Berthing Capability

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

Table 12.1: **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
A832 AMMUNITION WHARF	14 YRS	15210	1663	55	N/A	115'	NO	2.25M	0

Additional comments:

No dredging is required at NOCPACDIV Port Hadlock Ammunition Pier; Water Depth Is 55 Feet of mean lowe low water.

12. Berthing Capability, continued

12.2 Identify all MILCON improvements executed in the period FY 1986-1994 for each pier or whar identified in Table 30.1

Table 12.2: **Pier and Wharf MILCON**

Pier or Wharf	Year MILCON Executed	Nature of Improvement
A832 AMMUNITION WHARF	N/A	NONE

12.3 List all ESQD waivers currently in effect, with expiration dates, for all applicable piers and wharve identified in Table 12.1.

Table 12.3: **ESQD Waivers In Effect**

Pier or Wharf	Nature of Waiver	Date Waiver Expires
A832 AMMUNITION WHARF	N/A	N/A

12. Berthing Capability, continued

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

Table 12.4: **Pier and Wharf Access**

Pier or Wharf	RO/RO Access?	Aircraft Access?
A832 AMMUNITION WHARF	NONE	NONE

12.5 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.

No pier space required. The south end of the ammunition wharf at NOCPACDIV DET Port Hadlock is 115 fee wide and has a mooring barge to accommodate tugs, barges or a floating crane.

12. Berthing Capability, continued

12.6 Identify the ship support characteristics for each Pier and Wharf under your activity's cognizance. Indicate if the pier or wharf is listed in OPNAVINST 3000.8. For Compressed Air and Oily Waste disposal, lis only permanently installed facilities. For steam, indicate below the Table if any piers or wharves provide certifie steam. If any permanent fendering arrangement limits apply, identify them in the space following the Table.

Table 12.6: **Pier and Wharf Ship Support Characteristics**

Pier/ Wharf	NPW Berth? (Y/N)	KVA		Comp. Air Pressure & Max Capability	Potable Water (GPD)	CHT (GPD)	Oily Waste (GPD)	Steam (LBM/HR & PSI)	Fendering Limits (Y/N)
		Shore Power	4160V						
A832 AMMUNITION WHARF	Include answer in separate Annex	NONE	NONE	N/A	60K	180K	NONE	NONE	NO

Additional comments:

12. Berthing Capability, continued

12.7 For each pier and wharf listed above, state today's normal loading by ship class with current facilit ship loading, the maximum berthing, maximum berthing for weapons handling evolutions, and maximum berthin to conduct maintenance. For ordnance handling capability, identify the maximum number of ships that can b 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 maintenanc availabilities at each pier or wharf without necessitating berth shifts to accommodate crane, laydown or acces limitations. Provide any additional comments in the space following the Table.

Table 12.7: **Pier and Wharf Normal Loading**

Pier or Wharf	Typical Steady State Loading	Maximum Ship Berthing	Ordnance Handling Pierside?	Perform Maintenance Pierside?
A832 Ammunition Wharf	AOE, CVN	2 - 1663LF	YES	NOT ALLOWED
DOES NOT HAVE MAINT CAPABILITY				

12. Berthing Capability, continued

12.8 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.

The south end of the ammunition wharf at NOCPACDIV DET Port Hadlock has a mooring barge t accommodate tugs, barges or a floating crane.

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

35 ship evolutions per year. There are no seasonal affects on ship evolutions.

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

Ordnance handling piers are not required to provide cold iron berthing capabilities. The length of time ships are a the pier rarely exceeds one week.

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

1. Private development in the surrounding areas will never affect NOCPACDIV Port Hadlock ESQD N.E.W on the ammunition wharf.

2. No dredging is required at NOCPACDIV Port Hadlock.

3. The ammunition pier is unencumbered by navigation hazards.

4. The ammunition pier is the only pier at a weapons station on the entire west coast designed to accommodate a rail mounted container crane.

Features and Capabilities, continued

13. Physical Space for Industrial Support

13.1 Identify in the table below the real estate resources which have the potential to facilitate futur development and for which you are the plant account holder or into which, though a tenant, your activity coul reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently wit buildings, roads, and utilities where further development is not possible without demolition of existin improvements. Include in "Restricted" areas that are restricted for future development due to environmenta 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 providin the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

Table 13.1: **Real Estate Resources**

Site Location: NOCPACDIV DET PORT HADLOCK

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	33	23	0	10
Operational	1187	922	0	265
Training	0	0	0	0
0R & D	0	0	0	0
Supply & Storage	99	26	12 ESQD	61
Admin	15	5	5 ESQD	5
Housing	41	18	5 ESQD	18
Recreational	9	7	2 ESQD	8
Navy Forestry Program	705	0	705 ESQD	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	627	0	627 ESQD	0
Other				
Total:	2716	988	1356	372

13. Physical Space for Industrial Support, continued

13.2 Identify the general infrastructure and load capabilities for each base complex under your cognizance i the table below. Reproduce Table 13.2 for each non-contiguous location (e.g. detachments).

Table 13.2: **Base Utilities and Support Services**

Site: NOCPACDIV DET PORT HADLOCK

Capability	On Base Capacity	Off Base Longterm Contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	0	570	484	514
Natural Gas (CFH)	0	0	0	0
Sewage (GPD)	36,000	0	15,000	36,000
Potable Water (GPD)	0	100,000	45,000	100,000
Steam (lbm/Hr)	0	0	0	0
Long-term Parking	100	0	25	75
Short-term parking	350	0	130	325

Features and Capabilities, continued

14. Facility Measures

14.1 Identify the facility and equipment values for all activities under your cognizance in the Table below, a executed and budgeted for the period requested. As applied herein:

• Maintenance of Real Property (MRP) is the budgetary term gathering the expenses or budget requirements fo facility work and includes recurring maintenance, major repairs and minor construction (non-MILCON) inclusiv of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenanc and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of thi Data Call, MRP includes all M1/R1 and M2/R2 expenditures.

• Current Plant Value (CPV) refer to incorporates Class 2 Real Property and is the hypothetical dollar amoun required to replace a Class 2 facility in kind at today's dollars (e.g.: the cost today to replace an existing woo frame barracks with another barracks, also wood frame).

• Acquisition Cost of Equipment (ACE) reports the total cumulative acquisition cost of all "Personal Property equipment which includes the cost of installed equipments directly related to mission execution (such as lab tes equipment). Class 2 installed capital equipment which is integral to the facility should not be reported as ACE.

Table 14.1: **Expenditures and Equipment Values**

FY	MRP ($ K)	CPV ($ K)	ACE ($ K)
1986	UNK	82311	UNK
1987	UNK	83265	UNK
1988	UNK	89178	UNK
1989	1200	90514	UNK
1990	1300	92326	UNK
1991	1400	93692	UNK
1992	1500	95378	10
1993	950	100751	97
1994	1052	103774	90
1995	1992	106887	86
1996	1200	110093	83
1997	1997	113396	72

Features and Capabilities, continued

15. Personnel Support Facility Data

15.1 Housing and Messing. Provide data on the BOQs and BEQs assigned to your current plant account. The unit of measure for this capability is number of people housed. Use CCN to differentiate between pay grades (i.e. E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above).

Table 15.1: **Bachelor Housing Facilities**

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF`	Beds	SF
721-11	18	9					18	1620
721-12	4	2			1	150	3	540

15.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for it present use through "economically justifiable means". For all the categories above where inadequate facilities ar 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? Yes.

(A) 721-11 and 721-12 (B) Does not meet UEPH standards for space, life safety buillding codes or Quality o Life standards. (C) Current use as BEQ. (D) BEQ Rehab cost = $575K. (E) Alternate use as administrativ headquarters = $275K. (F) BEQ remodel of moderate scope to meet UEPH standards. $255K FY9 programming. (G) FY93 BASEREP rating of C3.

15. Personnel Support Facility Data, continued

15.3 Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. Th desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1 E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Table 15.3: **Bachelor Housing Facilities**

Facility Type,Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF`	Beds	SF
721-11	18	9	18	1620	0		0	
721-12	4	2	4	720	0		0	

15.4 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for it present use through "economically justifiable means". For all the categories above where inadequate facilities ar 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?

15. Personnel Support Facility Data, continued

15.5 Provide data on the messing facilities assigned to your current plant account.

Table 15.5: **Messing Facilities**

Facility Type, CC and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
None								

15.6 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for it present use through "economically justifiable means". For all the categories above where inadequate facilities ar 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?

15. Personnel Support Facility Data, continued

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

* No messing facilities are proposed. A fast food facility will be provided in the Social Center designed to serve 30 noon meals. (R

Table 15.7: **Messing Facilities**

Facility Type, CC and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
None								

15.8 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for it present use through "economically justifiable means". For all the categories above where inadequate facilities ar 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?

16. Training Facilities

16.1. By Category Code Number (CCN) (5 digits), complete the following student throughput capacity table fo all training facilities (adequate, substandard and inadequate) aboard the installation, including tenant activities. Include all 171-*XX* and 179-*XX* CCNs and any other applicable CCN. Following the table, describe how th reported Student Hours/Year capacity was derived. Personnel Capacity (PN) is the total number of seat available for students in spaces used instruction, based on the current configuration and use of the facilities.

EX: A type of training facility in the category 171-10 is an academic instruction classroom. If you have 1 classrooms with a capacity of 25 students per room, the design capacity reported would be 250. If thes classrooms are available 8 hours a day for 300 days in a year, the capacity would be 600,000 studen hours per year.

Table 16.1: **Training Facilities**

Parent UIC	CCN	Type of Training Facility	Total # this Type	Personnel Capacity (PN)	Capacity (Student Hours/Year)
	721-11	CONF ROOM	1	15	36,000
	721-11	HALL, SOCIAL	1	55	132,000

16. Training Facilities, continued

16.2 By facility Category Code Number (CCN), provide the number of hours per year of classroom time require for each course of instruction taught at formal schools on your installation. Include all applicable 171-*XX* an 179-*XX* CCNs. For requirements, report in column "A" the number of students per requested year; report in "B the number of hours each student spends in this training facility for each course; report in "C" the product (AxB) the number of hours of instruction per year.

Table 16.2: **Formal Classroom Training**

CCN: 721-11

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
BEQ	PRIVATE CONTRACTORS	GEN'L MILITARY & SPECIAL	180	40	7200	360	40	14400

Activity Listing

Type	Title	Location
WPNSTA	NAVWPNSTA EARLE	Colts Neck, NJ
WPNSTA	NAVWPNSTA YORKTOWN	Yorktown, VA
WPNSTA	NAVWPNSTA CHARLESTON	Charleston, SC
WPNSTA	NAVWPNSTA CONCORD	Concord, CA
WPNSTA	NAVORDCEN PACDIV DET FALLBROOK	Fallbrook, CA
WPNSTA	NAVORDCEN PACDIV DET PORT HADLOCK	Port Hadlock, WA
WPNSTA	NAVWPNSTA SEAL BEACH	Seal Beach, CA
NAVMAG	NAVMAG GUAM	Guam
NAVMAG	NAVMAG LUALUALEI	Waianae, HI
MISSILE FACILITY	NOTU	Cape Canaveral, FL
MISSILE FACILITY	POMFLANT	Charleston, SC
MISSILE FACILITY	SWFLANT	Kings Bay, GA
MISSILE FACILITY	SWFPAC	Silverdale, WA

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

Table of Contents

*NAVORDCENPACDIV Detachment Port Hadlock UIC N32013 does not perform any depot maintenance.

101

BRAC 95 CERTIFICATION

DATA CALL 25 (CAPACITY)(REVISION) NAVAL ORDNANCE CENTER,PORT HADLOCK DET.

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. E. MILLER
NAME (Please type or print)

D. E. Miller
Signature

Associate Director
Title

22 June 1994
Date

NAVORDCEN PACDIV
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)

R. SUTTON, RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

6/24/94
Date

NAVAL ORDNANCE CENTER
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)

S. L. Stumm
Signature

Title

7-7-94
Date

Activity

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

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

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

J. B. Greene Jr
Signature

ACTING
Title

11 JUL 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

DANIEL L. PARKER
NAME (Please type or print)

Signature

ACTING

ASST OFFICER IN CHARGE
Title

20 JUNE 1994
Date

NAVORDCENPACDIV DET PORT HADLOCK
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)

A. L. CHRISTOPHER
NAME (Please type or print)

Signature

Acting Commander
Title

3 August 1994
Date

NAVORDCEN PACDIV
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)

R. SUTTON, RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

5 AUG 94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)

Signature

Commander
Title Naval Sea Systems Command

8-11-94
Date

Activity

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

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

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 BRAG95 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."

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

ACTIVITY COMMANDER

W.T. D'AMICO
NAME (Please type or print)

1 AUGUST 1994
Signature

OFFICER IN CHARGE
Title

Date

NAVORDCEN PACDIV DET PORT HADLOCK
Activity

REVISED CERTIFICATION OF TABLE4.1.C DATA CALL 25
~~AND TABLE 13.1 DATA CALL 46~~
NAVORDCEN PACDIV PORT HADLOCK DETACHMENT

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. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

7 Nov 94
Date

NAVORDCEN PACDIV
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)

R. SUTTON, RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

29 Nov 94
Date

NAVAL ORDNANCE CENTER
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

G. R. STERNER
Commander
Naval Sea Systems Command

11/29/94
Date

Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

12/5/94
Date

12

BRAC-95 CERTIFICATION

TABLE 4.1.c DC #25

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

ACTIVITY COMMANDER

WILLIAM T. D'AMICO
NAME (Please type or print)


Signature

OFFICER IN CHARGE
Title

31 OCTOBER 1994
Date

NAVORDCENPACDIV PORT HADLOCK DET
Activity

R

Data Call 25 NAVORDCEN PACDIV PORT HADLOCK Revision

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

1/19/95

Date

12

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. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

17 Nov 94
Date

NAVORDCEN PACDIV
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)

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

Signature

COMMANDER
Title

19 DEC 94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

E. S. McGINLEY, II
Rear Admiral, U.S. Navy
NAME (Please type or print)

Signature

12/23/94
Date

Acting
T~~C. A. STEINER~~
Commander
Naval Sea Systems Command
Activity

BRAC-95 CERTIFICATION

DATA CALL 25
REVISED TABLE 3.2R

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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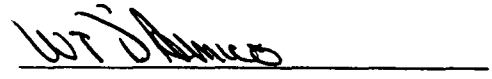
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

WILLIAM T. D'AMICO
NAME (Please type or print)


Signature

OFFICER IN CHARGE
Title

14 NOVEMBER 1994
Date

NAVORDCENPACDIV PORT HADLOCK DET
Activity

0101

En See Revised Data Call

1 June 1994

CAPACITY DATA CALL

NAVAL WEAPONS STATIONS, NAVAL MAGAZINEs, and STRATEGIC MISSILE FACILITIES

Questions for the Activities

Category	....	**Industrial Activities**
Sub-Category	....	**Naval Weapons Stations,**
	....	**Naval Magazines,** and
	....	**Strategic Weapons Facilities**
Claimants	....	**COMNAVSEASYSCOM** - Naval Weapons Stations
	....	**CINCPACFLTA** - Naval Magazines (on U.S. territory)
	....	**DIRSSP** - Strategic Missile Facilities

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 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 the BRAC-88/91/93 actions.

2. Unless otherwise specified, for questions addressing maximum workload within this Data Call, base your response on an eight hour day/five day notional work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule. Also, identify your "40 hour" work week schedule, if different from "1-8-5".

3. "Production" equates to the number of items processed per Fiscal Year (FY), unless otherwise specified. Report Direct Labor Man Hours (DLMHs) in thousands of Man Hours, to the nearest tenth, e.g. 32.2 K DLMHs.

4. 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.

5. Report all workload performed, clearly identifying origin of all non-DON workload.

6. Mission area work (as defined in sections 1 through 7) performed by tenant activities (e.g. MOMAG) should be reported in separate, duplicate tables in the applicable sections.

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.

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 depot work in any other area, please include such workload and so annotate your Data Call response.

CAPACITY DATA CALL
NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

Questions for the Activities

Table of Contents

Table of Acronyms

ACE	Acquisition Cost of Equipment
AICUZ	Air Installations Compatibility Use Zone
Ammo	Ammunition
CADs	Cartridge Actuated Devices
CAL	Caliber
CIA	Controlled Industrial Area
CCN	Category Code Number
CHT	Collection, Holding and Transfer
CPV	Current Plant Value
Demo	Demonstration
DLMH	Direct Labor Man Hours
DM	Depot Maintenance
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FY	Fiscal Year
GPB	General Purpose Bombs
GPD	Gallons Per Day
HE	High Explosive
HERF	Hazardous Electronic Radiation - Fuel
HERP	Hazardous Electronic Radiation - Personnel
HERO	Hazardous Electronic Radiation - Ordnance
IM	Intermediate Maintenance
IPE	Industrial Plant Equipment
ISE	In Service Engineering
JCSG-DM	Joint Cross Service Group - Depot Maintenance
KSF	Thousands of Square Feet
KVA	Kilo Volt-Ampere
LOE	Level Of Effort
MILCON	Military Construction
MLLW	Mean Low Low Water
MLRS	Multiple Launch Rocket System
MM	Milimeter
MOMAG	Mobile Mine Assembly Group
MRP	Maintenance of Real Property
NAVMAG	Naval Magazine
NEW	Net Explosive Weight
OOS	Out Of Service
ORD	Ordnance
ORDCEN	Ordnance Center
PACDIV	Pacific Division
PADs	Propellant Actuated Devices
PHS&T	Packaging, Handling, Storage and Transportation
PSI	Pounds Per Square Inch
Pyro	Pyrotechnics
RSSI	Receipt, Segregation, Stowage and Issue
SF	Square Feet
SMCA	Single Manager Conventional Ammunition
SOP	Standard Operating Procedures
Sub	Subsurface
Surf	Surface
SWF	Strategic Weapons Facility
TMDE	Test, Measurement, Diagnostic Equipment
UIC	Unit Identification Code
VERTREP	Vertical Replenishment
WPNSTA	Weapons Station

CAPACITY DATA CALL
Weapons Stations, Naval Magazines, and Strategic Missile Facilities

Questions for the Activities:

Primary Activity UIC: N32013 NAVORDCENPACDIV DETACHMENT PORT HADLOCK

Mission Area

1. Inventory

1.1 Historic and Predicted Workload. List by units of weapon type the quantities of all weapons that were receipted into/are programmed to be in your inventory for the period below. Report the single highest total onboard quantity in inventory for each Fiscal Year. (Report data as of 30 September of the Fiscal Year, where data is not available for the whole year.) *For each commodity, separately identify non-DoN requirements (e.g. DoN: #x / Army: #y).*

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

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mine	0	0	0	0	0	0	0	0
Torpedoes	2200	2200	1500	0	0	0	0	0
Air Launched Threat	-	-	-	-	1248	1248	1248	1248
Surface Launched Threat	-	-	-	-	408	408	408	408
Other Threat	-	-	-	-	-	-	-	-
Expendables	-	-	-	-	77,000	77,000	77,000	77,000
INERT	17418	26169	17443	17700	8074	5500	0	6836
CADs/PADs	-	-	-	-	-	-	100,000	100,000
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0	0
LOE: Bombs	-	-	-	-	16000	16000	16000	16000
LOE: Gun Ammo (20mm-16")	-	-	-	-	600000	600000	600000	600000
LOE: Small Arms (up to 50 cal.)	-	-	-	-	2400000	2400000	2400000	2400000
LOE: Pyro/Demo	-	-	-	-	282000	282000	282000	282000
Grenades/Mortars/Projectiles	-	-	-	-	2400	2400	2400	2400

1. Inventory, continued

Activity: N32013

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

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	1200	1200	1200	1200	1200	1200	1200
Torpedoes *	0	0	4700	4700	4700	4700	4700	4700
Air Launched Threat	1248	1248	1248	1872	1872	1872	1872	1872
Surface Launched Threat	405	405	405	607	607	607	607	607
Other Threat	-	-	-	-	-	-	-	-
Expendables	77000	77000	77000	77000	77000	77000	77000	77000
INERT	11887	12000	12000	12000	12000	12000	12000	12000
CADs/PADs	150000	214000	214000	214000	214000	214000	214000	214000
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0	0
LOE: Bombs	16000	16000	16000	20000	20000	20000	20000	20000
LOE: Gun Ammo (20mm-16")	600000	600000	600000	600000	600000	600000	600000	600000
LOE: Small Arms (up to 50 cal)	2400000	2400000	2400000	2400000	2400000	2400000	2400000	2400000
LOE: Pyro/Demo	282000	289000	289000	289000	289000	289000	289000	289000
Grenades / Mortars / Projectiles	2400	2400	2400	2400	2400	2400	2400	2400

NOTE: (-) = UNKNOWN QTY

(*) = ASSUMNES NAVORDCEN IMPLEMENTS OVERSIGHT AUTHORITY FY 96

2. Stowage

2.1 Identify by units of weapon type the quantity of all weapons which can be presently stored at your facility and the maximum storage capability through FY 2001. In determining maximum capability assume (a) the current projected total workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance stowage, choose the best configuration based on type of facilities available and predicted requirements.

Table 2.1: **Present and Predicted Stowage Capability**

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Mines	1200	1200
Torpedoes *	N/A	4700
Air Launched Threat	2406	2906
Surface Launched Threat	276	776
Other Threat	0	0
Expendables	80,000	80,000
INERT	265,000	300,000
CADs/PADs	215,000	365,000
Strategic Nuclear	0	0
Tactical Nuclear	0	0
LOE: Rockets	800	1000
LOE: Bombs	16000	20000
LOE: Gun Ammo (20mm-16")	100000	131,000
LOE: Small Arms (up to 50 cal.)	3,500,000	4,500,000
LOE: Pyro/Demo	388,000	388,000
Grenades / Mortars / Projectiles	4,100	4100
Other (specify)	0	0

NOTE: PROGRAMMED MILCON P-298T WILL EXPAND PRESENT TO MAXIMUM STOWAGE QUANTITIES SHOWN.

2. Stowage, continued

2.2 Provide, by facility number, the present and predicted inventories and the maximum stowage capability in tons and square feet for each stowage facility (e.g. box, igloo) under your cognizance. Using the assumptions given in section 2.1 in predicting the outyear facility utilization, distribute your overall ordnance compliment to the most likely configuration. When listing storage by facility, group facilities by location (e.g. main base, outlying area, special area, detachment), and identify that location in the space provided. Present and Predicted Inventories' SF reports the square footage required by those inventories; Maximum Stowage SF values will indicate the total square footage available. Reproduce Table 2.2 as necessary. *If any non-DON inventory is held/programmed to be held, report that material separately from your DON stock.*

Table 2.2: **Total Facility Capability Summary**

Site: Main Base

Facility Number			PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
TYPE	CCN	NUMBER	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
Fuze/ Detonator	421-12	20 ea	12	4244	16	5648	19.5	6760
High Explosive	421-22	67 ea	5777	67073	8087	93809	10387	120500
SP&P	421-52	3 ea	586	7550	918	11750	1171	15000
Missile	421-72	5 ea	777	17517	2189	50106	2051	46950
Total This Site			7152	84688	11210	161313	13628	189210

2. Stowage, continued

2.3 In the table below, provide the basic characteristics of the stowage facilities under your cognizance. Identify the type of structure (e.g. box, igloo), its rated category, rated Net Explosive Weight (N.E.W.) and status of ESQD arc for each stowage facility listed above.

Table 2.3: **Facility Rated Status**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
10FC107	1.1	450	Y	N	
10FC110	1.1	450	Y	N	
10FC111	1.1	45,000	Y	N	
10FC112	1.1	55,000	Y	N	
10FCX101	1.2 (08)	P/C	Y	N	
10FCX102	1.2 (08)	P/C	Y	N	
10FCX103	1.2 (08)	P/C	Y	N	
10FCX104	1.1	450	Y	N	
10FCX105	1.1	450	Y	N	
10FCX106	1.1	450	Y	N	
4FCX87	1.2 (12)	P/C	Y	N	
7ATX54	1.1	325,000	Y	N	
1AT38	1.1	500,000	Y	N	
1AT42	1.1	500,000	Y	N	

Table 2.3: **Facility Rated Status, continued**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
1AT43	1.1	500,000	Y	N	
1AT44	1.1	500,000	Y	N	
1AT45	1.1	500,000	Y	N	
1AT46	1.1	500,000	Y	N	
1ATX39	1.1	475,000	Y	N	
1ATX40	1.1	475,000	Y	N	
1ATX41	1.1	475,000	Y	N	
1ATX47	1.1	400,000	Y	N	
2AT30	1.1	150,000	Y	N	
2AT31	1.1	130,000	Y	N	
2ATX32	1.1	85,000	Y	N	
2ATX36	1.1	90,000	Y	N	
2ATX37	1.1	45,000	Y	N	
2BT28	1.1	200,000	Y	N	

2BT29	1.1	175,000	Y	N	
2BT34	1.1	140,000	Y	N	
2BTX33	1.1	110,000	Y	N	
2BTX35	1.1	176,000	Y	N	

Table 2.3: **Facility Rated Status, continued**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
3AT18	1.1	500,000	Y	N	
3ATX19	1.1	450,000	Y	N	
3ATX20	1.1	275,000	Y	N	
3BT12	1.1	250,000	Y	N	
3BT13	1.1	250,000	Y	N	
3BT14	1.1	250,000	Y	N	
3BT15	1.1	250,000	Y	N	
3BT16	1.1	250,000	Y	N	
3BT17	1.1	250,000	Y	N	

4BTX21	1.1	150,000	Y	N	
4BTX22	1.1	190,000	Y	N	
4BTX23	1.1	225,000	Y	N	
4BTX24	1.1	375,000	Y	N	
4BTX25	1.1	275,000	Y	N	
4BTX26	1.1	200,000	Y	N	
4BTX27	1.1	160,000	Y	N	
7ATX48	1.1	225,000	Y	N	

Table 2.3: **Facility Rated Status, continued**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
7ATX49	1.1	250,000	Y	N	
7ATX50	1.1	300,000	Y	N	
7ATX51	1.1	375,000	Y	N	
7ATX52	1.1	350,000	Y	N	
7ATX53	1.1	350,000	Y	N	
7ATX55	1.1	225,000	Y	N	

7ATX56	1.1	200,000	Y	N	
7ATX57	1.1	190,000	Y	N	
8ATX91	1.1	65,000	Y	N	
8ATX92	1.1	70,000	Y	N	
8ATX93	1.1	150,000	Y	N	
8ATX94	1.1	30,000	Y	N	
8ATX95	1.1	140,000	Y	N	
8ATX96	1.1	200,000	Y	N	
8ATX97	1.1	160,000	Y	N	
8ATX98	1.1	200,000	Y	N	
8ATX99	1.2	100,000	Y	N	
8ATX100	1.1	5,000	Y	N	

Table 2.3: **Facility Rated Status, continued**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
9ATX120	1.3	375,000	Y	N	

9ATX121	1.1	275,000	Y	N	
9ATX122	1.1	250,000	Y	N	
9ATX123	1.1	325,000	Y	N	
9ATX124	1.1	425,000	Y	N	
9ATX58	1.1	350,000	Y	N	
9ATX59	1.1	375,000	Y	N	
9ATX60	1.1	450,000	Y	N	
9ATX61	1.1	275,000	Y	N	
5HT1	1.1	15,000	Y	N	
5HT3	1.1	15,000	Y	N	
5HT7	1.1	15,000	Y	N	
5HT8	1.1	15,000	Y	N	
5HT9	1.1	15,000	Y	N	
5HTX2	1.1	15,000	Y	N	
5HTX4	1.2(08)	P/C	Y	N	
5HTX5	1.1	15,000	Y	N	
5HTX6	1.1	15,000	Y	N	

Table 2.3: **Facility Rated Status, continued**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
3WCX11	1.1	250,000	Y	N	
9WCX119	1.1	450,000	Y	N	
11AC1021	1.1	2,000	Y	N	
11AC1022	1.1	15,000	Y	N	
11AC1023	1.1	15,000	Y	N	
11AC1024	1.1	15,000	Y	N	
11AC1025	1.1	15,000	Y	N	
6LCY85	1.1	15,000	Y	N	
6LCY86	1.1	15,000	Y	N	
6MCY88	1.2 (08)	P/C	Y	N	

2. Stowage, continued

2.4 Provide details of your calculations and the assumptions made to determine the differences reported in Table 2.2. between present and maximum capability, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased stowage workload at this activity. Indicate by Fiscal Year (FY) when programmed MILCON will increase your stowage capability and by how much. Specify any factors that significantly inhibit this facility realizing its maximum storage capability (e.g. condition of storage facilities, personnel to maintain necessary operations, operating equipment, ESQD limits, environmental constraints, physical security, etc.).

Tons to square foot conversion was derived using Magazine Capacities shown by PH Magazine Report NWS 8024/01 which shows tons of material stored capacity and utilization percentage for each magazine. Magazine square foot was derived using NAFDB GSF. Net usable square foot was considered 80% of GSF. By extending percentage of utilized space (if less than 100%) to 100%, tons per square foot of magazine capacity at 100% was derived. Predicted inventories were derived by planning assumption which considered additional stowage requirements based upon CVN and AOE homeporting. Additional missile magazine space (21,732 GSF) will be constructed by BRACON P-298T programmed for construction in 1994. There are no inhibitions that would significantly limit this facility achieving maximum storage capability.

2.5 For each inhibiting item identified in question 2.4, assess a cost or impact of eliminating the inhibitor, the Fiscal Year (FY) in which such elimination would be completed, and the quantity increase in storage capability realized (express in terms of tons and square feet).

No inhibiting factors.

2.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance stowage at this activity (AICUZ encroachment, pollutant discharge, etc.)?

Further development of ordnance stowage would be impacted be ESQD considerations and in some cases by threatened and endangered species primary and secondary nesting zones. Wetlands impacts may inhibit development in some areas. Currently no wetlands delineation has defined the extent of that limitation. No other environmental limitations are foreseen. No other legal or other inhibitions are known.

Mission Area

3. Throughput

3.1 Based on current programmed workload and mix, identify the current outload requirements for each commodity type of each munition stored at this facility, in each of the following operational scenarios. Provide Unit Throughput as available.

Table 3.1.a: **Over-The-Pier Throughput Requirements**

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	200	400	500
Threat	100	200	300
Nuclear Threat	-	-	-
Milvan Containers	5000*	5000*	5000*
Other	50	100	200

* Container throughput is not cumulative and can only be performed in lieu of all other throughput.

Table 3.1.b: **Over-The-Pier Throughput Requirements**

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	N/A	N/A	N/A

Munitions Type	Throughput Requirement (units/day)		
Threat			
Nuclear Threat			
Other			

Activity: N32013

3. Throughput, continued

3.2 Identify the throughput in Tons for your facility as rated, as required under the operational conditions specified, and as executed or programmed for requested Fiscal Years. In determining your maximum rated capability, assume: (a) the current projected total workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance requirement, choose the best configuration based on type of facilities available and predicted requirements. In the space provided below Table 3.2.a, detail the basis for your calculations of your maximum rated capability. If the Fiscal Years sampled in Table 3.2.b do not reflect your highest and lowest levels of activity for the period FY 1986-2001, add those years in the space provided.

Table 3.2.a: **Throughput in Tons/Per Day**

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability	LOE	500	-	-	300
Shift = 2 - 10 hr shifts	Threat	300	-	-	240
	Nuclear Threat	-	-	-	-
	Other	200	-	-	60

Requirement (Peacetime Operations) Shift = 1 - 8 hr shift	LOE	200	-	-	100
	Threat	100	-	-	80
	Nuclear Threat	-	-	-	-
	Other	50	-	-	20
Requirement (Mobilization)* Shift = 2 - 8 hr shifts	LOE	400	-	-	200
	Threat	200	-	-	160
	Nuclear Threat	-	-	-	-
	Other	100	-	-	40
Requirement (Sustainment)* Shift = 2 - 10 hrshifts	LOE	500	-	-	300
	Threat	300	-	-	240
	Nuclear Threat	-	-	-	-
	Other	200	-	-	60

3. Throughput, continued

Table 3.2.b: **Historic and Predicted Throughput in Tons**

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE	N/A	N/A	N/A	N/A
	Threat				
	Nuclear Threat				
	Other				
FY 1991 (Executed)	LOE	6000	-	-	5200

	Threat	710	-	-	500
	Nuclear Threat	-	-	-	-
	Other (Containers)	4340	-	-	-
FY 1994 (Executed)	LOE	6200	-	-	5000
	Threat	500	-	-	1000
	Nuclear Threat	-	-	-	-
	Other (Containers)	5000	-	-	-

3. Throughput, continued

Table 3.2.c: **Historic and Predicted Throughput in Tons**

		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE	6800	-	-	6000
	Threat	700	-	-	750
	Nuclear Threat	-	-	-	-
	Other (Containers)	5000	-	-	-
FY 2001 (Programmed)	LOE	8000	-	-	6500
	Threat	1700	-	-	1200
	Nuclear Threat	-	-	-	-
	Other (Containers)	5000	-	-	-
FY: ____ Minimum Outload Workload	LOE				
	Threat				
	Nuclear Threat				
	Other				
FY: ____ Maximum Outload Workload	LOE				
	Threat				
	Nuclear Threat				
	Other				

3. Throughput, continued

3.3 Identify the annual throughput, by type of receiving vessel, in short tons, for the period requested. Specify all non-DON recipients of ordnance from your activity (e.g. Army, FMS).

Table 3.3.a: **Historic/Programmed Ordnance Throughput Capability**

Type of Ship		Annual Short Tons Throughput							
		FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Combatants	CV /CVN	N/A	N/A	N/A	N/A	1200	-	1200	1200
	Other					2000	2855	2100	1800
Navy Bulk (AE, AOE, AOR, etc.)						3500	3855	3500	3500
Navy Amphibious Ships						-	-	-	-
Other Break Bulk						-	-	-	-
Container Ship						4340	10400	5289	-

3. Throughput, continued

Table 3.3.b: **Historic/Programmed Ordnance Throughput Capability**

Type of Ship		Annual Short Tons Throughput							
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	1300	1500	1300	1500	1500	1300	1200	1500
	Other	1900	2000	2200	2500	3000	2700	2700	2700
Navy Bulk (AE, AOE, AOR, etc.)		3500	3500	3500	3500	5500	5500	5500	5500
Navy Amphibious Ships		-	-	-	-	-	-	-	-
Other Break Bulk		-	-	-	-	-	-	-	-
Container Ship*		5000	5000	5000	5000	5000	5000	5000	5000

3. Throughput, continued

3.4 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the ordnance outload conducted, based on the current and future planned workload mixes? Please provide your response in annual throughput, by type of receiving vessel, in short tons, that could be accomplished at this facility for the period requested.

Table 3.4: **Maximum Potential Ordnance Throughput Capability**

3. Throughput, continued

3.4 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the ordnance outload conducted, based on the current and future planned workload mixes? Please provide your response in annual throughput, by type of receiving vessel, in short tons, that could be accomplished at this facility for the period requested.

Table 3.4: **Maximum Potential Ordnance Throughput Capability**

Type of Ship		Short Tons Throughput Per Active Day						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	500	500	500	500	500	500	500
	Other	80	80	80	80	80	80	80
Navy Bulk (AE, AOE, AOR, etc.)		1000	1000	1000	1000	1000	1000	1000
Navy Amphibious Ships		-	-	-	-	-	-	-
Other Break Bulk		-	-	-	-	-	-	-
Container Ship*		5000	5000	5000	5000	5000	5000	5000

* Throughput reported is not cumulative. Tons reported are totals that can be loaded for each class of ship.

3. Throughput, continued

3.5 Provide details of the calculations used to complete Tables 3.4, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased outload workload at this activity.

1 CV 500 tons per active day
1 AOE 1000 tons per active day
1 Combatant 80 tons per active day
1 Container Ship 5000 tons per active day

3.6 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform ordnance outloads? What other investments in the industrial infrastructure would you make to increase activity outload capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

A Portal Crane for container loading - 6.5 Million Dollars

Efficiency assumptions - Current capability is 8 container lifts per hour, a Container Crane lifts 25 containers per hour. Two 680 container evolutions per year during peace time = 2320 DLMH savings per year. Assume 250 contaners per day sustained mobilization requirements for 120 days every 15 years = 2520 DLMH savings. Payback = Approximately 34 years.

An additional south access to the ammunition pier to relieve congestion and improve safety - $1.2 Million

Increased capability and efficiency - 150 DLMH per multiple ship evolution X 12 evolutions/yr = $90,000 annual savings. Payback = Approximately 13 years excluding any costs avoidances due to increased safety factor.

3.7 Are there any ultimate and overriding limiting factors to expansion of this activity's outloading workload? If so, what are they? NONE

3.8 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance outloading at this activity (AICUZ encroachment, pollutant discharge,etc.)?

The following factors may inhibit the development of additional Ordnance Outloading activities: Detachment Port Hadlock is allowed a total of 100,000 gallons of potable water, averaged over a month time frame, from our water supplier (Port Townsend Water Department). The increase in outloading will have an increase in water consumption associated with it due to the presence of the ships and additional personnel. Alternative water supplies would have to be developed by activated an existing well located at the activity.

The domestic sewage treatment system is allowed to discharge 36,000 gallons of treated effluent a day. The increase in ordnance outloading will increase the amount of domestic sewage requiring treatment. This increase in treatment requirements may overload the facilities current capabilities.

1. Aircraft Airframes:
   Rotary
   VSTOL
   Fixed Wing
      Transport / Tanker / Bomber /
      Command and Control
      Light Combat
      Admin / Training
   Other

2. Aircraft Components
   Dynamic Components
   Aircraft Structures
   Hydraulic/Pneumatic
   Instruments
   Landing Gear
   Aviation Ordnance
   Avionics/Electronics
   APUs
   Other

3. Engines (Gas Turbine)
   Aircraft
   Ship
   Tank
   Blades / Vanes (Type 2)

4. **Missiles and Missile Components**
   Strategic
   Tactical / MLRS

5. Amphibians
   Vehicles
   Components (less GTE)

6. Ground Combat Vehicles
   Self-propelled
   Tanks
   Towed Combat Vehicles
   Components (less GTE)
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

8. Automotive / Construction Equipment

9. Tactical Vehicles
   Tactical Automotive Vehicles
   Components

10. **Ground General Purpose Items**
    Ground Support Eqpmt (except aircraft)
    Small Arms / Personal Weapons
    Munitions / Ordnance
    Ground Generators
    Other

JCSG-DM: Maintenance and Industrial Activities

Mission Area

4. Maintenance and Testing

4.1 By units of ordnance type and by DLMHs, identify what maintenance and testing has been or is programmed to be performed at this location for the period requested. Report depot-level maintenance as a separate line from intermediate-level maintenance.

Table 4.1.a: **Historic and Predicted Maintenance and Testing Workload**

Ordnance Type *ALL I LEVEL MAINTENANCE	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes MK103 WHD MK 46 ILM	2200	2200	2200	1500	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	17418	26169	17443	177	8074	5500	0	6836
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	716	14820	424	0	0	0	0	0
LOE: Bombs	6219	1978	5311	9508	4585	2846	1134	2371
LOE: Gun Ammo (20MM-16")	554794	142983	78319	82252	383	311099	828813	172506
LOE: Small Arms (up to 50 cal)	111974	0	0	0	25953	0	0	0
LOE: Pyro/Demo	0	0	0	0	1704	0	0	38
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify) FUZE CVT	0	3424	0	0	0	0	0	0
Total:	993321	191574	103697	93437	40699	319445	829947	181751

4. Maintenance and Testing, continued

Table 4.1.b: **Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	11887	5000	5000	5000	5000	5000	5000	5000
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0	0
LOE: Bombs	2979	4000	4000	4000	4000	4000	4000	4000
LOE: Gun Ammo (20mm-16")	131989	29664	29664	29664	29664	29664	29664	29664
LOE: Small Arms (up to 50 cal)	0	0	0	0	0	0	0	0
LOE: Pyro/Demo	0	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0	0
Total:	146855	38664	38664	38664	38664	38664	38664	38664

4. Maintenance and Testing, continued

Table 4.1.c: **Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	10743	8061	6663	236	2878	2061	0	2823
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	601	0	290	0	0	0	0	0
LOE: Bombs	13926	4410	16524	22460	12396	7208	4467	7619
LOE: Gun Ammo (20mm-16")	2689	7327	1845	1341	83	10970	18916	4040
LOE: Small Arms (up to 50 cal)	370	0	0	0	93	0	0	0
LOE: Pyro/Demo	0	0	0	0	677	0	0	058
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify)FUZE CVT	0	988	0	0	0	0	0	0
Total:	28329	20786	25322	24037	16127	20239	23383	14540

4. Maintenance and Testing, continued

Table 4.1.d: **Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0	0
INERT	10396	35000	3500	3500	3500	3500	3500	3500
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0	0
LOE: Bombs	3490	7200	7200	7200	7200	7200	7200	7200
LOE: Gun Ammo (20mm-16")	5121	1520	1520	1520	1520	1520	1520	1520
LOE: Small Arms (up to 50 cal)	0	0	0	0	0	0	0	0
LOE: Pyro/Demo	0	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0	0
Total:	19007	12220	12220	12220	12220	12220	12220	12220

4. Maintenance and Testing, continued

4.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the maintenance and testing conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of units throughput and DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate maintenance.

Table 4.2.a: **Maximum Potential Maintenance and Testing Workload**

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0
INERT	0	0	0	0	0	0	0
CADs/PADs	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0
LOE: Bombs	10000	10000	10000	10000	10000	10000	10000
LOE: Gun Ammo (20mm-16")	29664	29664	29664	29664	29664	29664	29664
LOE: Small Arms (up to 50 cal)	927000	927000	927000	927000	927000	927000	927000
LOE: Pyro/Demo	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0

Total:	966,664	966,664	966,664	966,664	966,664	966,664	966,664

4. Maintenance and Testing, continued

Table 4.2.b: **Maximum Potential Maintenance and Testing Workload**

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0
Surface Launched Threat	0	0	0	0	0	0	0
Other Threat	0	0	0	0	0	0	0
Expendables	0	0	0	0	0	0	0
INERT	0	0	0	0	0	0	0
CADs/PADs	0	0	0	0	0	0	0
Strategic Nuclear	0	0	0	0	0	0	0
Tactical Nuclear	0	0	0	0	0	0	0
LOE: Rockets	0	0	0	0	0	0	0
LOE: Bombs	21600	21600	21600	21600	21600	21600	21600
LOE: Gun Ammo (20mm-16")	19085	19085	19085	19085	19085	19085	19085
LOE: Small Arms (up to 50 cal)	13880	13880	13880	13880	13880	13880	13880
LOE: Pyro/Demo	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	0	0	0	0	0	0	0
Other (specify)	0	0	0	0	0	0	0
Total:	54565	54565	54565	54565	54565	54565	54565

4. Maintenance and Testing, continued

4.3 Provide details of the calculations used to complete Tables 4.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased maintenance and testing workload at this activity.

Information comes from funding documents, Ammunition Maintenance Progress Reporting System.

4.4 Table 4.7, on the following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform maintenance and testing workload? What other investments in the industrial infrastructure would you make to increase maintenance and testing capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

Asset readiness posture indicates that maintenance/testing requirements will decrease. No further investments are predicted.

4.5 Are there any ultimate and overriding limiting factors to expansion of this activity's maintenance and testing workload? If so, what are they?

None

4.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance maintenance and testing at this activity (AICUZ encroachment, pollutant discharge, etc.)?

The major limiting factor that may inhibit the development of ordnance maintenance is the lack of a facility which is capable of handling Industrial Wastewater.

4. Maintenance and Testing, continued

4.7 For all Maintenance and Testing identified in section 4.1, specify which items (by family of weapon) and the quantity (by number of units per year) you can maintain (e.g. Captor 50/yr, Phoenix 100/yr, etc.). Identify factors limiting your capability, the total cost to remove the limiting factor and the new rate that could be maintained.

Table 4.7: **Ordnance Maintenance and Testing Factors**

Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove ($K)	New Rate
N/A	N/A	N/A	N/A	N/A

4. Maintenance and Testing, continued

4.8 If the workload reported in section 4.1 is not the complete maintenance/testing package required by the munition, briefly describe what additional work is required, where the weapon must be sent to accomplish the work, and at what frequency the work must be done. Report depot-level maintenance as a separate line from intermediate maintenance.

Table 4.8: **Additional Ordnance Maintenance and Testing Requirements**

Munitions Type	Additional Work Required	Location for Additional Work	Frequency of Additional Work
N/A	N/A	N/A	N/A

4.9 For each additional maintenance or testing action listed in Table 4.8 above, identify if that workload could be performed at your activity. Briefly describe what modifications would be necessary to accomplish that workload at your activity, and the associated costs.

4. Maintenance and Testing, continued

Questions 4.10-4.15 refer to Depot Maintenance workload performance only.

4.10 Given the current configuration and operation of your activity, provide the depot/industrial level maintenance by commodity group (from the Commodity List in the Notes at the beginning of this Data Call) that was executed in and is programmed for the Fiscal Years (FY) requested in units throughput and in Direct Labor Man Hours (DLMHs). Summarize ordnance commodity types serviced at this activity from the totals provided in Tables 4.1.a-.d.

Table 4.10.a: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA
Total:								

Table 4.10.b: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Total:								

4. Maintenance and Testing, continued

Table 4.10.c: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total:								

Table 4.10.d: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001

Activity: N32013

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total:								

4. Maintenance and Testing, continued

4.11 For each commodity group type reported in Tables 4.10.a through 4.10.d, assume (a) the current projected total depot / industrial workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, 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 depot / industrial maintenance operations could be expanded at this activity, based on the current and future planned workload mixes, for the requested period? Please provide your response in both the absolute maximum number of units and DLMHs that could be processed at this activity by applicable commodity group. Summarize Ordnance from Table 4.2.a-b.

Table 4.11.a: **Maximum Potential Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total:								

Table 4.11.b: **Maximum Potential Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Total:								

4. Maintenance and Testing, continued

4.12 Provide details of your calculations in Tables 4.11.a-b including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased workload by commodity group at this activity.

N/A

4.13 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform workload in each of the applicable commodity groups? Describe quantitatively how the changes above would increase your activity's depot/industrial level maintenance capabilities. What would the associated costs be? What would be the payback period and return on investment?

N/A

4.14 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of depot/industrial level workload and this activity (AICUZ encroachment, pollutant discharge, etc.)?

N/A

4. Maintenance and Testing, continued

4.15 Workload Summary. Enter the information from the Predicted and Potential Workload sections of Tables 4.10 and 4.11 into the table below and calculate the variance between projected and potential workloads. Again, clearly identify each commodity and include all commodities serviced at this activity.

Table 4.15.a: **PREDICTED WORKLOAD VARIANCE FOR FY 1995**

FY 1995 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 4.15.b: **PREDICTED WORKLOAD VARIANCE FOR FY 1996**

FY 1996 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

Table 4.15.c: **PREDICTED WORKLOAD VARIANCE FOR FY 1997**

FY 1997 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 4.15.d: **PREDICTED WORKLOAD VARIANCE FOR FY 1998**

FY 1998 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

Table 4.15.e: **PREDICTED WORKLOAD VARIANCE FOR FY 1999**

FY 1999 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 4.15.f: **PREDICTED WORKLOAD VARIANCE FOR FY 2000**

FY 2000 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

Table 4.15.g: **PREDICTED WORKLOAD VARIANCE FOR FY 2001**

FY 2001 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	N/A	N/A	N/A	N/A	N/A	N/A
Total						

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Mission Area

5. Manufacturing Workload

5.1 Identify ordnance manufacturing capabilities of your activity by number of units and Direct Labor Man Hours (DLMHs) that have been executed or are programmed to be performed in the period requested, within each ammunition/ordnance type. Specify all non-ordnance and non-DON workload.

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

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

5. Manufacturing Workload, continued

Table 5.1.b: **Historic and Predicted Manufacturing Workload**

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

5. Manufacturing Workload, continued

Table 5.1.c: **Historic and Predicted Manufacturing Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

5. Manufacturing Workload, continued

Table 5.1.d: **Historic and Predicted Manufacturing Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

5. Manufacturing Workload, continued

5.2 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the manufacturing conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of units throughput and DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 5.2.a: **Maximum Potential Manufacturing Workload**

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

5. Manufacturing Workload, continued

Table 5.2.b: **Maximum Potential Manufacturing Workload**

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

5. Manufacturing Workload, continued

5.3 Provide details of the calculations used to complete Tables 5.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased manufacturing workload at this activity.

None currently performed or predicted to be performed.

5.4 Table 5.7, on following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform manufacturing workload? What other investments in the industrial infrastructure would you make to increase manufacturing capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

No investment in manufacturing capability is anticipated.

5.5 Are there any ultimate and overriding limiting factors to expansion of this activity's manufacturing workload? If so, what are they?

Manufacturing workload is currently and principally a single manager function.

5.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance manufacturing at this activity (AICUZ encroachment, pollutant discharge, etc.)? The major limiting factor that may inhibit the development of ordnance manufacturing is the lack of a facility which is capable of handling Industrial Wastewater.

5. Manufacturing Workload, continued

5.7 For each weapons manufacturing capability included in section 5.1 above, identify by type of weapon (Captor, Harpoon, Tomahawk, etc.) the production rate per year, and what factors limit that rate, the cost to eliminate those limiting factors, and what increased workload would be realized at that cost. In the space below the Table, please briefly describe the actions, and associated costs, necessary to improve your production rates.

Table 5.7: **Manufacturing Production Factors**

Ordnance Type	Current Production Rate	Limiting Factor	Cost to Remove ($ K)	New Production Rate
N/A	N/A	N/A	N/A	N/A

Additional Comments:

Mission Area

6. In-Service Engineering Workload

6.1 Identify ordnance in-service engineering capabilities of your activity Direct Labor Man Hours (DLMHs) that have been executed or are programmed to be performed in the period requested, within each ammunition/ordnance type. Specify all "other" entries (e.g. PHS&T).

Table 6.1.a: **Historic and Predicted In-Service Engineering Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

6. In-Service Engineering Workload, continued

Table 6.1.b: **Historic and Predicted In-Service Engineering Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

6. In-Service Engineering Workload, continued

6.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the in-service engineering conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 6.2: **Maximum Potential In-Service Engineering Workload**

Ordnance Type	Workload (DLMHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal.)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							

Ordnance Type	Workload (DLMHs)						
Other (specify)							

6. In-Service Engineering Workload, continued

6.3 Provide details of the calculations used to complete Table 6.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased in-service engineering workload at this activity.

None historically or currently performed. None anticipated to be performed.

6.4 Table 6.7, on following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add delete, or modify) to increase your activity's capability to perform in-service engineering workload? What other investments in the industrial infrastructure would you make to increase in-service engineering capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

N/A

6.5 Are there any ultimate and overriding limiting factors to expansion of this activity's in-service engineering workload? If so, what are they?

N/A

6.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance in-service engineering at this activity (AICUZ encroachment, pollutant discharge, etc.)?

There are no limiting factors which would inhibit the development of Ordanance In-Service Engineering.

6. In-Service Engineering Workload, continued

6.7 For each ordnance in-service engineering capability included in section 6.1 above, identify by type of weapon (Captor, Harpoon, Tomahawk, etc.), the rate that type receives this support per year, what factors limit that rate, the cost to eliminate those limiting factors, and what increased workload would be realized at that cost.

Table 6.7: **In-Service Engineering Factors**

Ordnance Type	Current Servicing Rate	Limiting Factor	Cost to Remove ($ K)	New Servicing Rate
N/A	N/A	N/A	N/A	N/A

Mission Area

7. Technical Support

7.1 Identify the workload executed in or programmed to be accomplished in ordnance Technical Support for the period requested. Do *not* include In-Service Engineering in the workload reported below. Complete Table 7.1.a-b using the product mix as executed and programmed to be executed.

Table 7.1.a: **Historic and Predicted Technical Support**

Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1989	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

7. Technical Support, continued

Table 7.1.b: **Historic and Predicted Technical Support**

Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

7. Technical Support, continued

7.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the technical support conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 7.2: **Maximum Potential Technical Support**

Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal.)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

7. Technical Support, continued

7.3 Provide details of the calculations used to complete Table 7.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased technical support workload at this activity.

None historically or currently performed. None anticipated to be performed.

7.4 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform technical support workload? What other investments in the industrial infrastructure would you make to increase technical support capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

N/A

7.5 Are there any ultimate and overriding limiting factors to expansion of this activity's technical support workload? If so, what are they?

N/A

7.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance technical support at this activity (AICUZ encroachment, pollutant discharge, etc.)?
There are no limiting factors which would inhibit the development of Ordnance Technical Support.

Features and Capabilities

8. Stowage Facilities

8.1 List by facility number each weapon storage facility under the cognizance of this activity. Use separate tables for each location and magazine type, e.g. main base will have a table for igloo facilities and another for box magazines.

- Identify the current rated condition of each facility (Adequate/Inadequate/Substandard), its total square footage and if it is equipped with environmental controls.

- Is this facility currently used for weapons storage? If yes, what type of ordnance, from the commodity type previously listed, is currently stowed here?

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

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: PH/IGLOO/HE

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
1AT38	A	2	N	Y	LOE:BOMB	RSS&I
1AT42	A	2	N	Y	LOE:BOMB	RSS&I
1AT43	A	2	N	Y	LOE:BOMB	RSS&I
1AT44	A	2	N	Y	LOE:BOMB	RSS&I
1AT45	A	2	N	Y	LOE:BOMB	RSS&I
1AT46	A	2	N	Y	LOE:BOMB	RSS&I
1ATX39	A	2	N	Y	LOE:BOMB	RSS&I
1ATX40	A	2	N	Y	LOE:BOMB	RSS&I
1ATX41	A	2	N	Y	LOE:BOMB	RSS&I

Activity: N32013

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
1ATX47	A	2	N	Y	LOE:BOMB	RSS&I
2AT30	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
2AT31	A	2	N	Y	LOE:GUN AMMO	RSS&I
2ATX32	A	2	N	Y	LOE:SMALL ARMS	RSS&I
2ATX36	A	2	N	Y	INERT	RSS&I
2ATX37	A	2	N	Y	LOE:BOMBS	RSS&I
2BT28	A	1.3	N	Y	LOE:SMALL ARMS	RSS&I
2BT29	A	1.3	N	Y	LOE:BOMBS	RSS&I
2BT34	A	1.3	N	Y	LOE:BOMBS	RSS&I
2BTX33	A	1.3	N	Y	LOE:BOMBS	RSS&I
2BTX35	A	1.3	N	Y	LOE:ROCKET	RSS&I
3AT18	A	2	N	Y	LOE:BOMBS	RSS&I
3ATX19	A	2	N	Y	LOE:BOMBS	RSS&I
3ATX20	A	2	N	Y	LOE:GUN AMMO	RSS&I
3BT12	A	1.3	N	Y	LOE:BOMBS	RSS&I
3BT13	A	1.3	N	Y	LOE:BOMBS	RSS&I
3BT14	A	1.3	N	Y	LOE:PYRO DEMO	RSS&I
3BT15	A	1.3	N	Y	LOE:PYRO DEMO	RSS&I

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
3BT16	A	1.3	N	Y	LOE:PYRO DEMO	RSS&I
3BT17	A	1.3	N	Y	EXPENDABLE	RSS&I
4BTX21	A	1.3	N	Y	LOE:SMALL ARMS	RSS&I
4BTX22	A	1.3	N	Y	LOE:PYRO/ DEMO	RSS&I
4BTX23	A	1.3	N	Y	LOE:SMALL ARMS	RSS&I
4BTX24	A	1.3	N	Y	EXPENDABLE	RSS&I
4BTX25	A	1.3	N	Y	INERT	RSS&I
4BTX26	A	1.3	N	Y	LOE:BOMBS	RSS&I
4BTX27	A	1.3	N	Y	LOE:SMALL ARMS	RSS&I
7ATX48	A	2	N	Y	LOE:SMALL ARMS	RSS&I
7ATX49	A	2	N	Y	LOE:SMALL ARMS	RSS&I
7ATX50	A	2	N	Y	LOE:GUN AMMO	RSS&I
7ATX51	A	2	N	Y	LOE:BOMBS	RSS&I
7ATX52	A	2	N	Y	EXPENDABLE	RSS&I
7ATX53	A	2	N	Y	LOE:BOMBS	RSS&I
7ATX54	A	2	N	Y	LOE:SMALL ARMS	RSS&I

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
7ATX55	A	2	N	Y	LOE:SMALL ARMS	RSS&I
7ATX56	A	2	N	Y	LOE:BOMBS	RSS&I
7ATX57	A	2	N	Y	LOE:SMALL ARMS	RSS&I
8ATX91	A	2	N	Y	GRENADES	RSS&I
8ATX92	A	2	N	Y	LOE:GUN AMMO	RSS&I
8ATX93	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
8ATX94	A	2	N	Y	LOE:SMALL ARMS	RSS&I
8ATX95	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
8ATX96	A	2	N	Y	TORPEDOES	RSS&I
8ATX97	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
8ATX98	A	2	N	Y	LOE:SMALL ARMS	RSS&I
8ATX99	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
8ATX100	A	2	N	Y	LOE:SMALL ARMS	RSS&I
9ATX120	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX121	A	2	N	Y	EXPENDABLE	RSS&I

Activity: N32013

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
9ATX122	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX123	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX124	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX58	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX59	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
9ATX60	A	2	N	Y	LOE:BOMBS	RSS&I
9ATX61	A	2	N	Y	LOE:PYRO/ DEMO	RSS&I
END OF IGLOO						

Activity: N32013

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: PH/Fuze & Det/Igloo

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
5HT1	A	0.14	N	Y	EXPENDABLES	RSSI
5HT3	A	0.14	N	Y	LOE:SMALL ARMS	RSSI
5HT7	A	0.14	N	Y	PROJECTILES	RSSI
5HT8	A	0.14	N	Y	LOE:SMALL ARMS	RSSI
5HT9	A	0.14	N	Y	LOE:SMALL ARMS	RSSI
5HTX2	A	0.14	N	Y	EXPENDABLES	RSSI
5HTX4	A	0.14	N	Y	EXPENDABLES	RSSI
5HTX5	A	0.14	N	Y	EXPENDABLES	RSSI
5HTX6	A	0.14	N	Y	PROJECTILES	RSSI
10FC107	A	.5	N	Y	INERT	RSS&I
10FC110	A	.5	N	Y	LOE:GUN AMMO	RSS&I
10FC111	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
10FC112	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
10FCX101	A	.5	N	Y	LOE:GUN AMMO	RSS&I
10FCX102	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
10FCX103	A	.5	N	Y	EXPENDABLE	RSS&I
10FCX104	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
10FCX105	A	.5	N	Y	EXPENDABLE	RSS&I
10FCX106	A	.5	N	Y	LOE:PYRO/DEMO	RSS&I
4FCX87	A	.5	N	Y	LOE:SMALL ARMS	RSS&I

END OF FUZE & DET/IGLOO

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: PH/Warhead

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
3WCX11	A	1.4	N	Y	LOE:BOMBS	RSSI
9WCX119	A	1.7	N	Y	LOE:BOMBS	RSSI
END OF WARHEAD						

Table 8.1: **Stowage Facility Conditions**

Site/Magazine Type: PH/BOX

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A/I/S	KSF				
11AC1021	A	5.4	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
11AC1022	A	5.4	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
11AC1023	A	5.4	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
11AC1024	A	5.4	Y	Y	TORPEDOES	RSSI
11AC1025	A	5.4	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
6LCY85	A	5	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
6LCY86	A	5	Y	Y	AIR SURFACE LAUNCHED THREAT	RSSI
6MCY88	A	3.3	Y	Y	LOE:SMALL ARMS	RSSI
END OF BOX						

8. Stowage Facilities, continued

8.2 Summarize the magazine characteristics reported in the Tables above (section 8.1) magazines. Table 8.2.a summarizes by location: list the total number of magazines for each type of magazine (e.g. igloo, box) at each location. Table 8.2.b summarizes by magazine type, across all locations.

Table 8.2.a: **Facility Stowage Summary**

Site: PH

Type of Magazine	Total This Type	Square Footage			
		Adequate	Substandard	Inadequate	Total
IGLOO/HE	67	120,500	0	0	120,500
IGLOO/FUZE/DET	20	6,760	0	0	6,760
BOX MISSILE	5	26,950	0	0	26,950
BOX SP&P	3	13,350	0	0	13,350
Total:		167,560 GSF	0	0	167,560 GSF

Table 8.2.b: **Facility Stowage Summary**

Type Magazine: ALL

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
DETPH	95	167,560	0	0	167,560
Total:		167,560			167,560

8. Stowage Facilities, continued

8.3 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the facilities in section 8.1 and 8.2 above where inadequate facilities are identified, provide the following information:

No facilities are inadequate.

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?

8. Stowage Facilities, continued

8.4 For all facilities identified in the Tables of 8.1 as currently not in use for ordnance stowage, provide a brief explanation of its current use and identify its primary usage, if different.

Facilities not in use for ordnance stowage are empty and being held in reserve for designated use by EOD or Ready Service Magazines.

8.5 If the facilities identified in Table 8.1 are distributed over a noncontiguous area (e.g. one or more Annexes, special areas, etc.), list by location all identified holdings. For any holdings detached from the main base, identify the distance from the primary activity.

None

Table 8.5: **Facility Locations**

Site (Full Title and location)	Distance
N/A	N/A

Features and Capabilities

9. Other Facilities

9.1 Identify by facility number, giving condition code and total area, all those facilities under your cognizance utilized to perform the following functions: Intermediate and Depot level Maintenance (IM; DM) and Testing (T); Manufacturing (Mftg); In-Service Engineering (ISE); or Technical Support (TS) services. NONE

Table 9.1: **Condition of Other Facilities**

Facility Number	Function	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
77	IM	13*			13
187	IM	5			5
189	IM		4.743		4.743

* NOTE: ONLY 13 KSF OF TOTAL 26 KSF IS USED FOR IM WORK.

9.2 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 in section 9.1 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?

9. Other Facilities, continued

9.3 An activity's expansion capability includes its ability to reconfigure / rehab existing underutilized facilities to accept new or increased requirements. Identify in the Table below the space available for expansion, by building type and facility number.

Table 9.3: **Space Available for Expansion**

Building Type	Facility Number	Installation Space (KSF)			Total KSF
		Adequate	Substandard	Inadequate	
PERMANENT	64	10.0	0	0	10.0
SEMI-PERM	77	26.5*	0	0	13
SEMI-PERM	90	5.0	0	0	5.0

* NOTE: BLDG 77 ONLY 13 KSF IS AVAILABLE FOR EXPANSION OF TOTAL 26 KSF.

Features and Capabilities

10. Workforce

10.1 Identify in Direct Labor Man Hours the workforce employed at your activity (all locations) for the period requested. Use the conversion standard of 1615 DLMHs per Work Year. Provide the Conversion Factor employed for computing DLMHs to DLMYs.

Conversion rate = 1615 DLMHs/DLMY

Table 10.1.a: **Non-Military Personnel**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor	102	102	102	102	102	71	60	55
Overhead	35	35	35	35	35	34	36	38
Total	137	137	137	137	137	105	96	93

Table 10.1.b: **Non-Military Personnel**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	55	54	54	54	54	54	54	54
Overhead	37	28	28	28	28	28	28	28
Total	92	82	82	82	82	82	82	82

10. Workforce, continued

Table 10.1.c: **Military Personnel**

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor	0	0	0	0	0	0	0	0
Overhead	0	0	0	0	0	14	14	14
Total	0	0	0	0	0	14	14	14

Table 10.1.d: **Military Personnel**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	0	0	0	0	0	0	0	0
Overhead	14	11	2	2	2	2	2	2
Total	14	11	2	2	2	2	2	2

Features and Capabilities, continued

11. Contractor Presence

11.1 If your activity provides space within your facilities for a contractor workforce, please list the facilities so provided. Identify the facility number, amount of space provided (KSF), name(s) of the contractor(s) supported (company), number of contractor personnel resident in your spaces, and function(s) performed by these contractors.

Table 11.1: **Facilities for Contractor Support**

Facility Number	(KSF)	Contractor(s)	# Personnel	Contractor Function(s)
A062	13.513	JOHNSON CONTROLS	8	PUBLIC WORKS
A084	7.384	JOHNSON CONTROLS	4	TRANSPORTATION MECHANICS
A185	0.540	JOHNSON CONTROLS	1	FUEL STATION
A071	0.300	VITRO	3	ENVIRONMENTAL & ENGINEERING
A849	1.190	VITRO	15	AMMUNITION DISTRIBUTION & CONTROL
A848	0.170	VITRO	2	COMMUNICATIONS
A184	2.026	OLD DOMINION SECURITY	22	SECURITY
A162	0.600	JOHNSON CONTROLS	0	STORAGE

Additional Comments:

Features and Capabilities, continued

12. Berthing Capability

12.1 Identify the age and structural characteristics for each pier and wharf at your facility or under you 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 12.1: **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
A832 AMMUNITION WHARF	14 YRS	15210	1663	55	N/A	115'	NO	2.25M	0

Additional comments:

No dredging is required at NOCPACDIV Port Hadlock Ammunition Pier; Water Depth Is 55 Feet of mean lower low water.

12. Berthing Capability, continued

12.2 Identify all MILCON improvements executed in the period FY 1986-1994 for each pier or wharf identified in Table 30.1

Table 12.2: **Pier and Wharf MILCON**

Pier or Wharf	Year MILCON Executed	Nature of Improvement
A832 AMMUNITION WHARF	N/A	NONE

12.3 List all ESQD waivers currently in effect, with expiration dates, for all applicable piers and wharve identified in Table 12.1.

Table 12.3: **ESQD Waivers In Effect**

Pier or Wharf	Nature of Waiver	Date Waiver Expires
A832 AMMUNITION WHARF	N/A	N/A

12. Berthing Capability, continued

12.4 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 12.4: **Pier and Wharf Access**

Pier or Wharf	RO/RO Access?	Aircraft Access?
A832 AMMUNITION WHARF	NONE	NONE

12.5 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.

No pier space required. The south end of the ammunition wharf at NOCPACDIV DET Port Hadlock is 115 feet wide and has a mooring barge to accommodate tugs, barges or a floating crane.

12. Berthing Capability, continued

12.6 Identify the ship support characteristics for each Pier and Wharf under your activity's cognizance. Indicate if the pier or wharf is listed in OPNAVINST 3000.8. For Compressed Air and Oily Waste disposal, list only permanently installed facilities. For steam, indicate below the Table if any piers or wharves provide certified steam. If any permanent fendering arrangement limits apply, identify them in the space following the Table.

Table 12.6: **Pier and Wharf Ship Support Characteristics**

Pier/ Wharf	NPW Berth? (Y/N)	KVA		Comp. Air Pressure & Max Capability	Potable Water (GPD)	CHT (GPD)	Oily Waste (GPD)	Steam (LBM/HR & PSI)	Fendering Limits (Y/N)
		Shore Power	4160V						
A832 AMMUNITION WHARF	Include answer in separate Annex	NONE	NONE	N/A	60K	180K	NONE	NONE	NO

Additional comments:

12. Berthing Capability, continued

12.7 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 12.7: **Pier and Wharf Normal Loading**

Pier or Wharf	Typical Steady State Loading	Maximum Ship Berthing	Ordnance Handling Pierside?	Perform Maintenance Pierside?
A832 Ammunition Wharf	AOE, CVN	2 - 1663LF	YES	NOT ALLOWED
DOES NOT HAVE MAINT CAPABILITY				

12. Berthing Capability, continued

12.8 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.

The south end of the ammunition wharf at NOCPACDIV DET Port Hadlock has a mooring barge to accommodate tugs, barges or a floating crane.

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

35 ship evolutions per year. There are no seasonal affects on ship evolations.

12.10 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. ORDNANCE

Handling piers are not required to provide cold iron berthing capabilities.

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

1. Private development in the surrounding areas will never affect NOCPACDIV Port Hadlock ESQD N.E.W on the ammunition wharf.

2. No dredging is required at NOCPACDIV Port Hadlock.

3. The ammunition pier is unencumbered by navigation hazards.

4. The ammunition pier is the only pier at a weapons station on the entire west coast designed to accommodate a rail mounted container crane.

Features and Capabilities, continued

13. Physical Space for Industrial Support

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

Table 13.1: **Real Estate Resources**

Site Location: NOCPACDIV DET PORT HADLOCK

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	33	23	0	10
Operational	1187	922	0	265
Training	0	0	0	0
0R & D	0	0	0	0
Supply & Storage	99	26	12 ESQD	61
Admin	15	5	5 ESQD	5
Housing	41	18	5 ESQD	18
Recreational	9	7	2 ESQD	8
Navy Forestry Program	705	0	705 ESQD	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	627	0	627 ESQD	0
Other				
Total:	2716	988	1356	372

13. Physical Space for Industrial Support, continued

13.2 Identify the general infrastructure and load capabilities for each base complex under your cognizance in the table below. Reproduce Table 13.2 for each non-contiguous location (e.g. detachments).

Table 13.2: **Base Utilities and Support Services**

Site: NOCPACDIV DET PORT HADLOCK

Capability	On Base Capacity	Off Base Longterm Contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	0	570	484	514
Natural Gas (CFH)	0	0	0	0
Sewage (GPD)	36,000	0	15,000	36,000
Potable Water (GPD)	0	100,000	45,000	100,000
Steam (lbm/Hr)	0	0	0	0
Long-term Parking	100	0	25	75
Short-term parking	350	0	130	325

Features and Capabilities, continued

14. Facility Measures

14.1 Identify the facility and equipment values for all activities under your cognizance in the Table below, as executed and budgeted for the period requested. As applied herein:

- Maintenance of Real Property (MRP) is the budgetary term gathering the expenses or budget requirements for facility work and includes 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) refer to incorporates Class 2 Real Property and is the hypothetical dollar amount required to replace a Class 2 facility in kind at today's dollars (e.g.: the cost today to replace an existing wood frame barracks with another barracks, also wood frame).

- Acquisition Cost of Equipment (ACE) reports the total cumulative acquisition cost of all "Personal Property equipment which includes the cost of installed equipments directly related to mission execution (such as lab test equipment). Class 2 installed capital equipment which is integral to the facility should not be reported as ACE.

Table 14.1: **Expenditures and Equipment Values**

FY	MRP ($ K)	CPV ($ K)	ACE ($ K)
1986	UNK	82311	UNK
1987	UNK	83265	UNK
1988	UNK	89178	UNK
1989	1200	90514	UNK
1990	1300	92326	UNK
1991	1400	93692	UNK
1992	1500	95378	10
1993	950	100751	97
1994	1052	103774	90
1995	1992	106887	86
1996	1200	110093	83
1997	1997	113396	72

Features and Capabilities, continued

15. Personnel Support Facility Data

15.1 Housing and Messing. Provide data on the BOQs and BEQs assigned to your current plant account. The unit of measure for this capability is number of people housed. Use CCN to differentiate between pay grades (i.e. E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above).

Table 15.1: **Bachelor Housing Facilities**

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF`	Beds	SF
721-11	18	9					18	1620
721-12	4	2			1	150	3	540

15.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for it 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? Yes.

(A) 721-11 and 721-12 (B) Does not meet UEPH standards for space, life safety building codes or Quality of Life standards. (C) Current use as BEQ. (D) BEQ Rehab cost = $575K. (E) Alternate use as administrative headquarters = $275K. (F) BEQ remodel of moderate scope to meet UEPH standards. $255K FY9 ? programming. (G) FY93 BASEREP rating of C3.

15. Personnel Support Facility Data, continued

15.3 Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Table 15.3: **Bachelor Housing Facilities**

Facility Type,Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF`	Beds	SF
721-11	18	9	18	1620	0		0	
721-12	4	2	4	720	0		0	

15.4 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for it 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?

15. Personnel Support Facility Data, continued

15.5 Provide data on the messing facilities assigned to your current plant account.

Table 15.5: **Messing Facilities**

Facility Type, CC and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
None								

15.6 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for it 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?

15. Personnel Support Facility Data, continued

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

Table 15.7: **Messing Facilities**

Facility Type, CC and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
None								

15.8 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?

16. Training Facilities

16.1. By Category Code Number (CCN) (5 digits), complete the following student throughput capacity table for all training facilities (adequate, substandard and inadequate) aboard the installation, including tenant activities. Include all 171-*XX* and 179-*XX* CCNs and any other applicable CCN. Following the table, describe how the reported Student Hours/Year capacity was derived. Personnel Capacity (PN) is the total number of seats available for students in spaces used instruction, based on the current configuration and use of the facilities.

EX: A type of training facility in the category 171-10 is an academic instruction classroom. If you have 1 classrooms with a capacity of 25 students per room, the design capacity reported would be 250. If these classrooms are available 8 hours a day for 300 days in a year, the capacity would be 600,000 student hours per year.

Table 16.1: **Training Facilities**

Parent UIC	CCN	Type of Training Facility	Total # this Type	Personnel Capacity (PN)	Capacity (Student Hours/Year)
	721-11	CONF ROOM	1	15	36,000
	721-11	HALL, SOCIAL	1	55	132,000

16. Training Facilities, continued

16.2 By facility Category Code Number (CCN), provide the number of hours per year of classroom time require for each course of instruction taught at formal schools on your installation. Include all applicable 171-*XX* and 179-*XX* CCNs. For requirements, report in column "A" the number of students per requested year; report in "B the number of hours each student spends in this training facility for each course; report in "C" the product (AxB) the number of hours of instruction per year.

Table 16.2: **Formal Classroom Training**

CCN: 721-11

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
BEQ	PRIVATE CONTRACTORS	GEN'L MILITARY & SPECIAL	180	40	7200	360	40	14400

Activity Listing

Type	Title	Location
WPNSTA	NAVWPNSTA EARLE	Colts Neck, NJ
WPNSTA	NAVWPNSTA YORKTOWN	Yorktown, VA
WPNSTA	NAVWPNSTA CHARLESTON	Charleston, SC
WPNSTA	NAVWPNSTA CONCORD	Concord, CA
WPNSTA	NAVORDCEN PACDIV DET FALLBROOK	Fallbrook, CA
WPNSTA	NAVORDCEN PACDIV DET PORT HADLOCK	Port Hadlock, WA
WPNSTA	NAVWPNSTA SEAL BEACH	Seal Beach, CA
NAVMAG	NAVMAG GUAM	Guam
NAVMAG	NAVMAG LUALUALEI	Waianae, HI
MISSILE FACILITY	NOTU	Cape Canaveral, FL
MISSILE FACILITY	POMFLANT	Charleston, SC
MISSILE FACILITY	SWFLANT	Kings Bay, GA
MISSILE FACILITY	SWFPAC	Silverdale, WA

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 BRAG95 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 ha 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 BRAG95 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

W.T. D'AMICO, CDR USN
NAME (Please type or print)

W.T. D'AMICO CDR USN
Signature

OFFICER-IN-CHARGE
Title

19 May 94
Date

NOCPACDIV DET PORT HADLOCK
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. E. MILLER
NAME (Please type or print)

D. E. Miller
Signature

Commander (Acting)
Title

24 May 1994
Date

NAVORDCEN PACDIV
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)

R. SUTTON, RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

1 JUN 94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

C. D. STERNER
NAME (Please type or print)

Signature

Commander
Title Naval Sea Systems Command

6-3-94
Date

Activity

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

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

NAME (Please type or print)

Signature

Title

Date

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	NAVORDCEN PAC PORT HADLOCK WA
Unit Identification Code (UIC):	32913
Major Claimant:	NAVSEA

Percentage of Military Families Living On-Base:	0
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	0
Total Number of Officer Housing Units:	0
Total Number of Enlisted Housing Units:	0

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377.
Lines 7-9, represents the activitys' "fair share" of the complex total of the family housing budget and inventory of officer and enlisted units. This data was provided by COMNAVFACENGCOM.

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.

Cat 7/3

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

MAJOR CLAIMANT LEVEL

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

Jack Buffington
Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

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

W A Earner
Signature

Title

7/25/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain these 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.

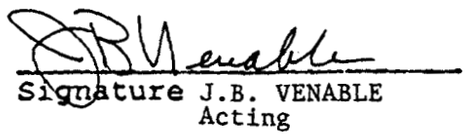
I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

THOMAS A. DAMES
NAME (Please type of print)

Rear Admiral, CEC, USN
Title

LANTNAVFACENGCOM
Activity


Signature J.B. VENABLE
Acting

JUL 06 1994
Date

ENCLOSURE(2)

BRAC-95 CERTIFICATION

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

Paulette C. Brown
Name (Please type or print)

for J. R. Grindstaff
Signature

Head, Operations & Projects Branch
Title

7-6-94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

J. Richard Grindstaff
Name (Please type or print)

J. Richard Grindstaff
Signature

Head, Requirements & Acquisition Branch
Title

7-6-95
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

Mark D. Raker
Name (Please type or print)

Mark D. Raker
Signature

Housing Management Specialist
Title

7/6/94
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

for Moses L. Meadows
Name (Please type or print)

for J. Richard Gundstaff
Signature

Director
Title

7-6-95
Date

Housing Division
Division

Facilities Management
Department

LANTNAVFACENGCOM
Activity

101

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

20 APRIL 1994

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

INDEX

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.*

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)**
example: Haliaeetus leucocephalus - bald eagle	*threatened*	*Federal*	*25*	*0*
HALIAEETUS LEUCOCEPHALUS-BALD EAGLE	THREATENED	FEDERAL	350	
FALCO PEREGRINUS	THREATENED	FEDERAL	40	

Source Citation:_NATURAL RESOURCES MANAGEMENT PLAN-1993 THREATENED AND ENDANGERED SPECIES MONITORING

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	NO

use.	
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.

Maps previously provided.

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.	YES

Will not effect current base operations but may effect future development plans. Construction windows and tree clearing limitations may exist.

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?	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?_AUG_/_____/_94_	
What percent of the base has been surveyed?	N/A
What is the total acreage of jurisdictional wetlands present on your base?	N/A

*Answer based on informal survey results indicating Port Hadlock Detachment has areas that meet the criteria established in COE manual. This informal survey did not establish boundaries or acreage.

Source Citation:__CINDI KUNZ C6032CK ENVIRONMENTAL BRANCH_____

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.

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	YES

National Register of Historic Places? If so, list the sites below.	

None were identified. In 1990, an Archaeological Assessment was conducted to identify primary, secondary and tertiary sites at Port Hadlock.

3b. YES/NO

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.	YES

Walen Point near our ammunition loading pier has a native american burial ground beneath the asphalt parking area and extends out along Walen Point.

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?				**YES**
ID/Location of Landfill	**Permitted Capacity (CYD)**	**Maximum Capacity (CYD)**	**Contents[1]**	**Pe St**

	TOTAL	Remaining			
	T	Re			
NOCPACDIV DET PH	19,000	17,683	19,000	Demo Debris	1 Feb

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

Are there any current or programmed projects to correct deficiencies or improve the facility. NO

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements. NONE

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					Y
Facility/Type of Operation	**Permitted Capacity**	**Ave Daily Throughput**	**Maximum Capacity**	**Permit Status**	**Comments**
Recycling	N/A	1 TON	10 TONS	N/A	SMALL STORAGE BLDG

List any permit violations and projects to correct deficiencies or improve the facility. NONE

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					YES
ID/Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/Ye Built**
EPA ID#WA-002199-7	36,000GPD	15000GPD	36,000GPD	EXPIRED	SECONDARY TREATMENT 1977

List permit violations and discuss any projects to correct deficiencies.

Operating under letter from EPA dated Dec 6, 1990

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.

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**

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

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

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**			

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

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.

PORT TOWNSEND WATER DISTRICT - 100,000 GPD BY CONTRACT.

4j.

Does the Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	N

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. We have submitted a NOI to EPA and have developed a SWPP. Implementation of the SWPP is pending completion of DYE studies currently in progress.	

4l.

YES/NO

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

* Our facility does not have bilge collection facilities. However, some vessels have requested tanker trucks and/or barges be provided to offload bilge water. The State Department of Ecology is currently requesting all bilge water be sampled to ensure it is not hazardous waste.

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been	N

enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.

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.

Wastewater treatment facility can be expanded to allow for additional storage. Portable hazardous material storage area can be obtained to increase storage capacity. No expansion/upgrades from BRACON or President's budget are planned.

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain. POSSIBLE POTABLE WATER LIMITATION. EXPANSION MAY BE LIMITED UNLESS WELLS ARE ACTIVATED TO PROVIDE ADDITIONAL CAPACITY. IN ADDITION, DOMESTIC SEWAGE TREATMENT CAPABILITIES MAY LIMIT FUTURE EXPANSION.

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? _OLYMPIC AIR POLLUTION CONTROL AUTHORITY_____
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? __NO___ . List site, location and name of AQCA. N/A

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. N/A

Site: PORT HADLOCK DETACHMENT AQCA: OAPCA

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.

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

Baseline data is the same as 1993 data.

Source Document: OLYMPIC AIR POLLUTION CONTROL AUTHORITY REGULATION

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.

	Emissions Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	To
CO	0.3*	N/A	N/A	110.41	110 1

NOx	1.0*	N/A	N/A	2.86	3.8
VOC	1.7*	N/A	N/A	4.15	5.8
PM10	0.1*	N/A	N/A	0.17	0.2

*DATA PROVIDED BY OLYMPIC AIR POLLUTION CONTROL AUTHORITY. METHODOLOGY AND CALCULATIONS ARE NOT AVAILABLE.

Source Document: OLYMPIC AIR POLLUTION CONTROL AUTHORITY REG. 1
OLYMPIC AIR POLLUTION CONTROL AUTHORITY VOC DATA FORM
OLYMPIC AIR POLLUTION CONTROL AUTHORITY SPACE HEATING AND POWER FORM.

5d. LIST OF SOURCES

BLDG 62:
WELD EXHAUSE HOOD
WOOD SAWDUST COLLECTOR
PAINT SPRAY BOOTH

BLDG 64:
SPRAY PAINT BOOTH
GLASS BEAD BLAST FACILITY

BLDG 77:
WELD VENT
GRIT BLAST DUST COLLECTOR
WATER CASCADE PAINT BOOTH

BURN/DETONATION AREA:
OPEN BURN/OPEN DETONATION FACILITY

BLDG 84:
DIP TANK EXHAUST HOOD

BLDG 90:
BLAST FACILITY/DIP TANK VENT SYSTEM

BLDG 187:
PAINT SPRAY BOOTH

BLDG 189:
CASCADE PAINT BOOTH

BLDG 833:
BATTERY CHARGING EXHAUST HOOD

BLDG 834:
DUST COLLECTOR

BLDG 837:
PAINT SPRAY/WORK STATION BOOTHS
DIP TANK EXHAUST
TWO DUST COLLECTORS
SANDING TABLE EXHAUST

BOILERS

BLDG 64:
SCOTCH MARINE BOILER (CAPACITY:1M BTU)

BLDG 69:
SCOTCH MARINE BOILER (CAPACITY 3.5M BTU)

BLDG 70:
SCOTCH MARINE BOILER (CAPACITY; 0.675M BTU)

BLDG 77:
Z-CAST IRON SECTIONAL BOILER (CAPACITY 1.6M BTU)

BLDG 84:
CAST IRON SECTIONAL BOILER (CAPACITY 0.6M BTU)

BLDG 189:
SCOTCH MARINE BOILER (CAPACITY 1M BTU0

BLDG 836:
CAST IRON SECTIONAL BOILER (CAPACITY 0.62M BTU)
SCOTCH MARING BOILER (CAPACITY 4.7M BTU)

BLDG 1030:
CAST IRON SECTIONAL BOILER (CAPACITY 0.552M BTU)

OTHER MOBILE EMISSION SOURCE CALCULATIONS

THE FOLLOWING CONVERSION FACTORS WERE TAKEN FROM EPA:

PUBLICATION AP-42 FOR INDUSTRIAL/COMMERCIAL VEHICLES:

PM-10:	6.2 LBS/1,000 GALLONS OF FUEL
NOX:	102.0 LBS/1,000 GALLONS OF FUEL
VOC:	148.0 LBS/1,000 GALLONS OF FUEL
CO:	3940.0 LBS/1,000 GALLONS OF FUEL

DETACHMENT PORT HADLOCK CONSUMED THE FOLLOWING AMOUNT OF FUEL DURING FY 93:

UNLEADED	35,756 GALLONS/YR
DIESEL	20,288 GALLONS/YR
TOTAL	56,044

BASED ON THESE FIGURES, THE FOLOWING WAS EMITTED FROM SUPPORT EQUIPMENT DURING FY 93:

PM-10:	347.47 LBS/YR = 0.174 TONS/YR
NOX:	5,716.50 LBS/YR = 2.858 TONS/YR
VOC:	8,294.51 LBS/YR = 4.147 TONS/YR
CO:	220,813.36 LBS/YR = 110.407 TONS/YR

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. North Cascade National Parks; Olympic National Park; King County (non-attainment for CO); Pierce County (non-attainment for CO).

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?
*There are no requirements for ERC's currently and there is no potential for ERC's in the future.

6. ENVIRONMENTAL COMPLIANCE

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

Program	Survey Com-pleted?	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	YES	7.5	5	5	40	20	0
Hazardous Waste	NO	0	200	0	0	0	0
Safe Drinking Water Act	YES	0	0	0	0	0	0
PCBs	YES	8.0	0	0	0	0	0
Other (non-PCB) Toxic Substance Control Act	NO	0	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	NO	20	50	0	0	0	0
Solid Waste	NO	0	10	0	0	0	0
Oil Pollution Act Exempt F/OPA 90	N/A	0	0	0	0	0	0
USTs	YES	0	25	0	0	0	0
Other							
Total		35.5	290	5	40	20	0

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date. CASCADE PAINT BOOTH CONVERSION TO DRY FILTER 7.5K. BEGIN 15 JUL 94 - COMPLETED 29 JUL 94.

6b. Does your base have structures containing asbestos?__YES_____ What % of your base has been surveyed for asbestos?_100%_____ Are additional surveys planned? YES. AN O&MN PLAN WILL BE USED TO ESTIMATE COST TO REMEDIATE ASBESTOS ($K)__ What is the estimated cost to remediate asbestos ($K) UNK_____. Are asbestos survey costs based on encapsulation, removal or a combination of both? COMBINATION

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

Funding Source	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
O&MN								
HA								
PA								
Other O&MN (specify)								
Other (specify)			20.9K	23.9K	23.9K	23.9K	23.9K	23.9K
TOTAL:			20.9K	23.9K	23.9K	23.9K	23.9K	23.9K

6C. *Breakdown of Cost Per Year:

Air Permits - $1,272.00
Solid Waste Permits - $150.00
Pollution Prevention Plan Permits - $5,000.00
NPDES Sampling - $2,000.00
Stormwater Sampling (95-2001) - $3,000.00
RCRA Water Sampling - $9,700.00
UST Permitting - $150.00
RCRA Permit Fee - $2,500.00
Soil Land Farm - $150.00
Drinking Water - $25.00

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. NO

7. INSTALLATION RESTORATION

7a.

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

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

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
SITE 10	CERCLA	INDICATOR CHEMICALS	NO	NO		DRAFT REMEDIAL INVEST/FEASIBILITY STUDY
SITE 21	CERCLA	INDICATOR CHEMICALS	NO	NO		DRAFT REMEDIAL INVEST/FEASIBILITY STUDY
SITE 11	CERCLA	CADMIUM DETECTED	NO	NO		REMOVAL ACTION
SITE 12	CERCLA	ARSENIC, CADMIUM	NO	NO		REMOVAL ACTION
SITE 18	CERCLA	NO	NO	NO		CONFIRMATION SAMPLING

SITE 15	CERCLA	NO				NO FURTHER ACTION
SITE 19	CERCLA	NO	NO	NO		NO FURTHER ACTION
SITE 20	CERCLA	NO	NO	NO		NO FURTHER ACTION
SITE 22	CERCLA	NO	NO	NO		NO FURTHER ACTION

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

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

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

7d.

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

State scope and expected length of pump and treat operation.

7e.

Has a RCRA Facilities Assessment been performed for your base?	NO

7f. Does your base operate any "Conforming Storage" facilities for handling **hazardous materials**? If YES, describe facility, capacity, restrictions, and permit conditions.
PORT HADLOCK DETACHMENT DOES NOT CURRENTLY HAVE ANY "CONFORMING HAZARDOUS MATERIAL STORAGE" FACILITIES. THE DETACHMENT IS IN THE PROCESS OF WORKING WITH THE FLEET INDUSTRIAL CENTER (FISC) TO OBTAIN TWO UNITS WHICH WILL BE USED FOR THE STORAGE AND DISPENSING OF HAZARDOUS MATERIAL.

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

1. TSD FACILITY, 325 SF COVERED STORAGE UNIT. INTERIM STATUS.
2. LESS THAN NINETY DAY ACCUMULATION SITE, 2,496 SF.

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. None

7i.

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

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

No, there have been no restrictions on base operations or development.

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

NONE

8. LAND / AIR / WATER USE

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

Parcel Descriptor	Acres	Location
PORT HADLOCK MAIN BASE	2716	INDIAN ISLAND

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.)		988 ACRES
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 59 ACRES
		All Others: 584 ACRES
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		713 ACRES
Total Undeveloped land considered to be without development constraints		372 ACRES
Total Off-base lands held for easements/lease for specific purposes		NONE
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	713 ACRES
	HERF	NONE
	HERP	NONE
	HERO	NONE
	AICUZ	NONE
	Airfield Safety Criteria	NONE
	Other	643

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? 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. NO OFF BASE LAND USE.

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

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. NO MAINTENANCE DREDGING REQUIRED.

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

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

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

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.

COMMERCIAL AND RECREATIONAL CLAM AND OYSTER BEACHES
THREE GREAT BLUE HERON ROOKERIES. 40 ACRES.

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?
NONE

9b. Are there any **<u>other</u> environmental permits** required for base operations, include any relating to industrial operations. NOT AT THIS TIME.

9c. Describe any **other environmental or encroachment restrictions** on base property not covered in the previous 8 sections. NONE

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

NO KNOWN FUTURE OR PROPOSED LAWS/REGULATIONS ARE FORESEEN TO CONSTRAIN BASE OPERATIONS OR DEVELOPMENT PLANS.

NAVORDCEN PACDIV DC 33
Port Hadlock Detachment

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. E. MILLER
NAME (Please type or print)

D. E. Miller
Signature

Commander, Acting
Title

26 May 94
Date

NAVORDCEN PACDIV
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.C. ROBERTSON, CAPT SC, USN
NAME (Please type or print)

J C Robertson
Signature

ACTING COMMANDER
Title

6/10/94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

G. R. STORMER
NAME (Please type or print)

G. R. Stormer
Signature

Title
Commander
Naval Sea Systems Command

6-13-94
Date

Activity

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

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

R.W. DRENNON
NAME (Please type or print)

Signature

ACTING
Title

6/24/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

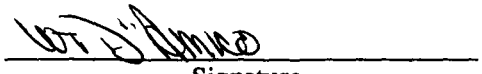
In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate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

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

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

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

ACTIVITY COMMANDER

WILLIAM T. D'AMICO	
NAME (Please type or print)	Signature
OFFICER IN CHARGE	25 MAY 1994
Title	Date

NAVORDCEN PACDIV Det Port Hadlock
Activity

101

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Activity: N32013

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

Activity Name:	Naval Ordnance Center Pacific Division Detachment Port Hadlock
UIC:	N32013
Major Claimant:	NAVSEASYSCOM

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.

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:	$36,223.00

Source of Data (1.a. Salary Rate): Defense Civilian Personnel Data System (as of 7/13/94)

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Activity: N32013

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

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

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
Jefferson	Wa	33	69	82%	7	15
Kitsap	Wa	2	19	17%	35	45
Clallam	Wa		2	1%	40	55

= 100%

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

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

JEFFERSON, COUNTY

Source of Data (1.b. 1) & 2) Residence Data): Det PH Personnel Records. Dick Barrows Code 6031DB

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	45 Miles

Source of Data (1.c. Metro Areas): Dick Barrows Code 6031DB

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	0	0
20 - 24 Years	0	0
25 - 34 Years	5	5.5
35 - 44 Years	35	38.9
45 - 54 Years	43	47.8
55 - 64 Years	6	6.7
65 or Older	1	1.1
TOTAL	90	100 %

Source of Data (1.d.) Age Data): Defense Civilian Personnel Data System (as of 7/13/94)

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	1.1
9th through 11th Grade	3	3.3
12th Grade or High School Equivalency	65	72.2
1-3 Years of College	9	10.0
4 Years of College (Bachelors Degree)	7	7.8
5 or More Years of College (Graduate Work)	5	5.6
TOTAL	90	100 %

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

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	
Associate Degree	4
Bachelor Degree	7
Masters Degree	4
Doctorate	0

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Source of Data (1.e.1) and 2) Education Level Data): Defense Civilian Personnel Data System (as of 7/13/94)

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

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

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09	1	1
2. Construction (includes facility maintenance and repair)	15-17	1	1
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	9	10
3b. Aircraft (includes engines and missiles)	3721 et al		
3c. Ships	3731		
3d. Other Transportation (includes ground vehicles)	various		
3e. Other Manufacturing not included in 3a. through 3d.	various		

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Industry	SIC Codes	No. of Civilians	% of Civilians
Sub-Total 3a. through 3e.	20-39	9	10
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40		
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	19	21
4c. Water Transportation (includes organizational level maintenance)	44	18	20
4d. Air Transportation (includes organizational level maintenance)	45		
4e. Other Transportation Services (includes organizational level maintenance)	47		
4f. Communications	48	1	1
4g. Utilities	49	2	2
Sub-Total 4a. through 4g.	40-49	40	44
5. Services	70-89		
5a. Lodging Services	70		
5b. Personal Services (includes laundry and funeral services)	72		
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	1	1
5d. Automotive Repair and Services	75		
5e. Other Misc. Repair Services	76		
5f. Motion Pictures	78		
5g. Amusement and Recreation Services	79		

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Industry	SIC Codes	No. of Civilians	% of Civilians
5h. Health Services	80		
5i. Legal Services	81		
5j. Educational Services	82		
5k. Social Services	83		
5l. Museums	84		
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	1	1
5n. Other Misc. Services	89	1	1
Sub-Total 5a. through 5n.:	70-89	3	3
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	17	19
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	14	16
6c. Public Finance	93	1	1
6d. Environmental Quality and Housing Programs	95	4	5
Sub-Total 6a. through 6d.		36	41
TOTAL		90	100 %

Source of Data (1.f.) Classification By Industry Data): Det PH Prioritised ABC Civilian Functions Database. Dick Barrows Code 6031DB

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

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

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	13	15
2. Professional Specialty		
2a. Engineers	2	2
2b. Architects and Surveyors		
2c. Computer, Mathematical & Operations Research		
2d. Life Scientists		
2e. Physical Scientists		
2f. Lawyers and Judges		
2g. Social Scientists & Urban Planners		
2h. Social & Recreation Workers		
2i. Religious Workers		
2j. Teachers, Librarians & Counselors		
2k. Health Diagnosing Practitioners (Doctors)		
2l. Health Assessment & Treating(Nurses, Therapists,		

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
Pharmacists, Nutritionists, etc.)		
2m. Communications	1	1
2n. Visual Arts		
Sub-Total 2a. through 2n.:	3	3
3. Technicians and Related Support		
3a. Health Technologists and Technicians		
3b. Other Technologists	3	3
Sub-Total 3a. and 3b.:	3	3
4. Administrative Support & Clerical	6	7
5. Services		
5a. Protective Services (includes guards, firefighters, police)	14	16
5b. Food Preparation & Service		
5c. Dental/Medical Assistants/Aides		
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)		
Sub-Total 5a. through 5d.	14	16
6. Agricultural, Forestry & Fishing	1	1
7. Mechanics, Installers and Repairers	2	2
8. Construction Trades	1	1
9. Production Occupations	9	10
10. Transportation & Material Moving	38	42
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)		

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Occupation	Number of Civilian Employees	Percent of Civilian Employees
TOTAL	90	100 %

Source of Data (1.g.) Classification By Occupation Data):Dick Barrows Det PH Code 6031DB

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

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.**Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.

9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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

1. Percentage of Military Employees Who Are Married:	36.4%
2. Percentage of Military Spouses Who Work Outside of the Home:	67%
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:	12.5
3b. Employed "On-Base" - Non-Appropriated Fund:	12.5
3c. Employed "Off-Base" - Federal Employment:	12.5
3d. Employed "Off-Base" - Other Than Federal Employment	62.5

Source of Data (1.h.) Spouse Employment Data):LCDR Parker Det PH C/601

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

A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.

B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.

C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

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

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

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

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

NOTE: Only Jefferson County is considered as the local community for Table A.

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

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

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

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.

Although the area surrounding the Detachment is primarily rural and vacant land is plentiful, there is a shortage of available housing. Jefferson County is one of the fastest growing counties in western Washington, primarily driven by the attractiveness of the area to retired persons. New single family residences are being built to accomodate this trend, together with hotel and condominium development. A scarcity of affordable rental housing characterises the off-base housing market.

The local school system is at capacity. For each additional 25 students one classroom will have to be built.

Source of Data (2.a. 1) & 2) - Local Community Table):Dick Barrows Det PH Code 6031DB

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

NOTE: Jefferson, Kitsap and Clallam Counties are included in the economic region for Table B.

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

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

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.

Although the area surrounding the Detachment is rural and vacant land is plentiful, availability of affordable off-base housing is limited. Moreover, the local school system is already full. A new classroom will have to be built for each additional 25 students. There are no barriers that would preclude expansion and market forces would respond to demand for additional rental and purchase units.

Source of Data (2.b. 1) & 2) - Regional Table):Dick Barrows Det PH Code 6031DB

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:

Jefferson, County - 5% 2400 total rental units in county of which 35-50 units are advertised as available on a weekly average. An unknown percentage of the 2400 total units are summer rentals only. The largest property management realtor in the area reports a current inventory of 165 rental properties of which 8 are vacant and available for rental. This latter figure is taken to characterise the whole county.

Units for Sale:

Jefferson, County - 4% Approximately 8000 housing units are found in Jefferson County. 400 sale units total are available. Assumption is made that 1% of units exceeds affordability of average employees wage rate.

NOTE: Vacancy rate of 5% or lower is considered "scarce" by the Jefferson County Planning Department

Source of Data (3.a. Off-Base Housing): Suzanna Inman, Century 21; John Doney , Coldwell Banker, John Morgansen Jefferson County Planning Department

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Activity: N32013

b. **Education.**

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

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Chimacum	Jefferson	1	1	1	1372	1270	19:1	None	Yes
Port Townsend **	Jefferson	1	1	1	1842	1800	21:1	25:1	Yes

* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.
** Port Townsend has new high school under construction

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

Chimacum - Jean Hunt

Port Townsend - Maudie Kerns

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

NO

Source of Data (3.b.2) On-Base Schools):Dick Barrows Det PH C/6031DB

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 :

Peninsula College Extension Campus - Port Townsend, Jefferson County
Chapman University NSB Bangor - Kitsap County
City University 3100 NW Bucklin Hill Rd. Silverdale - Kitsap County
NW College of Art 16464 State Highway Poulsbo - Kitsap County
Olympic College 1600 Chester St. Bremerton - Kitsap County

Source of Data (3.b.3) Colleges):Dick Barrows Det PH C/6031DB

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:

Northwest School of Wooden Boat Building - Wooden Boat Construction - Jefferson County
Mykut Real Estate School - Real Estate- Jefferson County
Cinderella School of Cosmetology 620 Callow St Bremerton - Cosmetology- Kitsap County
Eton Technical Institute 3649 Frontage Rd., Port Orchard - Health Care and Business Curriculum - Kitsap County
Office Training Center 1700 Mile High Dr., Port Orchard - Business - Kitsap County
Plumbers Local 631 Apprentice School Bremerton - Plumbing Trade - Kitsap County

Source of Data (3.b.4) Vo-tech Training):Dick Barrows Det PH C/6031DB

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:	___	X
Rail:	___	X
Subway:	___	X
Ferry:	___	X

Source of Data (3.c.1) Transportation):Dick Barrows Det PH C/6031DB

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.

Union Station, 303 S. Jackson Street in downtown Seattle is accessible by highway (46 miles) plus thirty minute ferry crossing.

Source of Data (3.c.2) Transportation):AAA Auto Club Insurance Agcy.

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.

SEATAC (Seattle Tacoma) International Airport - 95 highway miles via Tacoma.
Bremerton National Airport - 7 miles southwest of Bremerton.

Source of Data (3.c.3) Transportation):AAA Auto Club and Summary Report for Master Plan NAVORDCENPACDIV Det Port Hadlock

4) How many carriers are available at this airport?

SEATAC is serviced by all major domestic and international carriers.
Jefferson County International - 8 miles west on State Route 19. Serves private corporate and charter aircraft with demand charter connecting flights to the areas major airports.
Bremerton National Airport is serviced by Federal Express and United Parcel Service flights and offers demand charter service flights to SeaTac for connecting flights by all major carriers.

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Source of Data (3.c.4) Transportation):Dick Barrows Det PH C/6031DB

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

Interstate #5 is most commonly accessed by combining 40 driving miles and a thirty minute ferry crossing from Kingston to Edmonds north of Seattle or alternately from Winslow on Bainbridge Island to downtown Seattle. The overland route via Tacoma is 79 miles.

Source of Data (3.c.5) Transportation): Dick Barrows Det PH C/6031DB

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.)

State Route 116 is a two lane road crossing Portage Canal and branching at the Island security gate to serve Marrowstone Island. There is adequate passage for material transport and for personnel at present and expected future levels of station activity. The explosive truck route to the Naval Undersea Warfare Center Bangor Annex is over State Route 19 through Port Hadlock. This route is an asphalt-concrete paved road in good condition having driving lanes no less than 11 feet. An alternate route for personnel and inert material transport is along Oak Bay Road which has a chip seal surface in good condition and driving lanes of at least 11 feet.

b) Do access roads transit residential neighborhoods?

No access roads transit residential neighborhoods.

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

In all cases access roads to the base are older State roads with 60 foot easements. No other easements preclude expansion of these roads.

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

There is a single bridge access to the base across the Portage Canal which could isolate the base should the bridge be rendered unuseable for any reason. The Hood Canal bridge on Route 104 has a draw span for passing ship traffic which can delay, though not normally inhibit traffic flow. Occasional bridge closures occur for short periods during severe wind storms.

Source of Data (3.c.6) Transportation):Bob Henderson, Jefferson County Dept. of Public Works. Dick Barrows Det PH C/6031DB

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.

Though the Detachment is served by it's own Fire Department, there is a reciprocal mutual aid agreement in effect with Jefferson County Fire District No. 1 (Chimacum Fire Dept.). For HAZ-MAT incidents Fire District No. 1 will respond with coordination through the Jefferson County Sheriffs Office.

Source of Data (3.d. Fire/Hazmat): Don Gillis Det PH C/6034

e. **Police Protection.**

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

Concurrent

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.

The Jefferson County Sheriff's office may pursue suspects onto installation property though no written agreement exists. The Sheriff's Office will also pick-up and detain subjects upon request from activity security officer. Under cooperative agreement with Washington State Department of Wildlife, State Fisheries and Game officers will respond for game law enforcement.

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

No agreement currently exists.

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.

None

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.

The US Coast Guard has jurisdictional authority of the waters surrounding the Detachment. A written agreement exists with the Coast Guard wherein the Detachment provides storage for Coast Guard regional spill response materials.

Source of Data (3.e. 1) - 5) - Police):Don Gillis/Dick Barrows Det PH

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.

Water for the base is provided by agreement with Port Townsend Water District. In addition to the 100,000 GPD contracted by the Detachment, 70,000 GPD is delivered to the Detachment water system as backup capacity under agreement between the City of Port Townsend and the Washington State Department of Parks. A pipeline crossing the Detachment delivers demand quantities to the parks on Marrowstone Island and the National Marine Fisheries Laboratory on Marrowstone Island.

The Detachment operates a primary and secondary sewage treatment plant and is permitted to discharge 35,000 GPD.

Electrical service is provided by Puget Sound Power and Light Company.

Telephone service is provided by U.S. West.

Solid Waste is collected by the Base Operating Services Contractor and delivered to the Jefferson County Landfill. Current volume is 160 Cubic Yards every two weeks. No limits are imposed for solid wastes originating in Jefferson County. A new transfer station is under construction which will increase disposal capabilities in Jefferson County by 50%.

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.

The most significant disruption of utility service occurring in the last five years was during December 1990. During this storm winds in excess of fifty mile per hour knocked out electrical service at the Detachment for a period of four days. A number of portable generators were rotated between buildings to operate boilers and keep pipes from bursting. Some freeze damage was experienced. Occupants of family housing without fireplaces were temporarily relocated to the BEQ. Productive work on the Island was effectively suspended for the four days. On average about one significant outage (lasting more than eight hours) per year can be expected. The Detachment has acquired additional emergency generators and is developing an emergency power plan.

Source of Data (3.f. 1) - 3) Utilities):Dick Barrows Det PH C/6031DB

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.Port Townsend Paper Corporation	Paper MFG.	401
2.Jefferson General Hospital	Health Care	245
3.Jefferson County	Local Govt	225
4.Port Townsend School District #50	Education	180
5.NAVORDCENPACDIV Det PH	DON Ordnance Support	178*
6.Chimacum School District #49	Education	160
7.Admiral Marine Works	Boat Construction/Repair	155
8.Port Ludlow Golf & Meeting Resort	Leisure Services	120
9.Allen Logging Co.	Timber	95
10.Kalaloch Lodge	Leisure Services	80

* NOTE: 178 employees at Navordcenpacdiv Detachment Port Hadlock includes contractors employed full time at the activity; including BOSC, Vitro and CASSU.

Source of Data (4. Business Profile):Economic Development Council of Jefferson County

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:

Jefferson County has experienced a 2% increase in unemployment from 1991 to 1992, with an overall flat unemployment rate of about 6.5% for the latest five year period for which data is available. The greatest sector loss of employment in Jefferson County has been in the resource-based industries, primarily logging and small mill operations and fishing. Tourism has been recognized as one of Washington States top revenue producing industries and in Jefferson County the growth of tourism based industry has far outpaced population growth. Though Jefferson County has experienced the fourth fastest rate of population growth in the state, 27% from 1980-1990, 16% of new residents were below the poverty level and overall 13% of county residents live below the poverty level.

b. Introduction of New Businesses/Technologies:

New Business Starts (1992) in Jefferson County:
Construction - 50 jobs
Manufacturing - 15 jobs
Wholesale Trade - 14 jobs
Retail Trade - 89 jobs
Services - 96 jobs
All Other - 39 jobs

Note: Numbers reported are new business licenses issued in 1992.

c. Natural Disasters:

No significant natural disasters in Jefferson County in the last five years

d. Overall Economic Trends:

Jefferson County's retail trade industry has benefited from the increase in resident population and the growth of tourism. A significant contribution to the economy of Jefferson County has been growth in marine trade primary service for both commercial and recreational vessels. Residential construction

in the county will continue to benefit from the availability of modestly priced vacant land and the attractiveness of the area to retired persons relocating from urban areas both within and outside the state.

Source of Data (5. Other Socio/Econ):Donna Marvin, Economic Develeopment Council of Jefferson County - Dick Barrows Det PH C/6031DB

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

Detachment Port Hadlock's stable workforce are long term contributors to the economy and cultural life of this small rural community. Important roles are played by Detachment military and civilian personnel in the schools systems, the Chamber of Commerce of Port Hadlock and within local government. Activity civil and military personnel participate in tutor and mentor programs with local schools. The Detachment organizes and hosts the annual Navy Anniversary Ball, the Port Hadlock Days and July Fourth celebrations and visits by area schools and community groups.

The Detachment has pursued a good neighbor policy with the local community through discussion and involvment of community leaders in review committees touching sensitive environmental issues affecting the Detachment, i.e Installation Restoration Planning. In 1991 the Detachment received the Secretary of the Navy Environmental Quality Award in recognition of outstanding efforts in environmental protection.

The outstanding recreational resources at the Detachment are made available to other activity military and civil service employees and retired military persons in the local area. Detachment facilities include a small exchange, recreational equipment, camp sites and hunting and fishing resources. By Federal and State agreement, Indian Tribes are permitted to harvest up to 150,000 pounds of shellfish each year at the Detachment.

Port Hadlock provides an important small boat emergency response capability that has supported local efforts to contain and clean-up hazardous waste spills at the port of Port Townsend. The Detachment maintains a storage facility for Coast Guard regional area spill response equipment. Activity personnel involved in waterfront security have rescued boaters and property during storms and at other times.

The induced economic impact to the local community of payrolls and secondary services and materials purchases by the Detachment can be estimated to exceed 6 million dollars annually.

Source of Data (6. Other):Dick Barrows Det PH C/6031DB

BRAC DATA CALL - 65

NAVORDCEN PACDIV PORT HADLOCK DETACHMENT

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

NEXT ECHELON LEVEL (if applicable)

A. L. CHRISTOPHER
NAME (Please type or print)

Signature

Acting Commander
Title

15 Jul 94
Date

NAVORDCEN PACDIV
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. W. EYER
NAME (Please type or print)

Signature

ACTING COMMANDER
Title

7/29/94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)

Signature

Title

8/2/94
Date

Commander
Naval Sea Systems 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)

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

Signature

17 AUG 1994
Date

ACTING
Title

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 BRAG95 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 ha 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 BRAG95 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

W. T. D'AMICO — NAME (Please type or print)

W T D'Amico — Signature

Officer in Charge — Title

5 Jul 94 — Date

NAVORDCEN PACDIV Port Hadlock Detachment

Activity Data Call 65

101

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N32013

Activity Information:

Activity Name:	NAVORDCEN PACDIV PORT HADLOCK DET
UIC:	N32013
Host Activity Name (if response is for a tenant activity):	N/A
Host Activity UIC:	N/A

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.

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N32013

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.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVORDCEN PACDIV Port Hadlock Det		**UIC:** N32013	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	61	0	61
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	61	0	61
2. Other Base Operating Support Costs:			
2a. Utilities	3	0	3
2b. Transportation	0	0	0
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	36	36
2f. Bachelor Quarters	80	0	80

2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	18	79	97
2j. Other (Security)	1,460	0	1,460
2k. Other (Service Wide Supply)	0	0	0
2l. Other (Engineering Support)	0	0	0
2m. Other (Disaster Prep)	0	0	0
2n. Other (Food Service - Galley)	0	0	0
2o. Sub-total 2a. through 2n:	1,561	115	1,676
3. Grand Total (sum of 1c. and 2o.):	1,622	115	1,737

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

Appropriation	Amount ($000)
O&M,N	$1,737

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

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N32013

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.

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NAVORDCEN PACDIV Port Hadlock Det		**UIC:** N32013	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	410	0	410
1b. Real Property Maintenance (<$15K)	176	0	176
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	120	0	120
1c. Sub-total 1a. through 1d.	706	0	706
2. Other Base Operating Support Costs:			
2a. Command Office	0	0	0
2b. ADP Support	169	0	169
2c. Equipment Maintenance	513	0	513

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N32013

2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	56	0	56
2g. Environmental Compliance	200	0	200
2h. Police and Fire	739	1,113	1,852
2i. Safety	9	53	62
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Public Works Support)	0	0	0
2m. Other (Base Communications)	34	0	34
2n. Other (Feca)	0	0	0
2o. Other (Military Labor)	0	137	137
2p. Other (Engineering Support - less Envir.)	255	0	255
2q. Resources and Planning	0	0	0
2r. Sub-total 2a. through 2q:	1,975	1,303	3,278
3. Depreciation	10	0	10
4. Grand Total (sum of 1c., 2r., and 3.) :	2,691	1,303	3,994

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N32013

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

Table 2 - Services/Supplies Cost Data	
Activity Name: NAVORDCEN PACDIV Port Hadlock Det	**UIC:** N32013
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	86
Material and Supplies (including equipment):	672
Industrial Fund Purchases (other DBOF purchases):	701
Transportation:	2
Other Purchases (Contract support, etc.):	5,543
Total:	7,004

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N32013

3. Contractor Workyears.

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

Table 3 - Contract Workyears	
Activity Name: NAVORDCEN PACDIV Port Hadlock Det	**UIC:** N32013
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	39.0
Facilities Support:	20.0
Mission Support:	65.0
Procurement:	0
Other:*	0
Total Workyears:	124.0

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

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

81 Workyears

2) Estimated number of workyears which would be eliminated:

43 Workyears

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

0 Workyears

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N32013

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

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

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

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 BRAG95 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 ha 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 BRAG95 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

WILLIAM T. D'AMICO — WT D'Amico

NAME (Please type or print) — Signature

OFFICER IN CHARGE — 18 JULY 1994

Title — Date

NAVORDCENPACDIV DET PORT HADLOCK

Activity

DATA CALL 66

BRAC DATA CALL #66

NAVAL ORDNANCE CENTER, PACIFIC DIVISION, PORT HADLOCK DETACHMENT

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

NEXT ECHELON LEVEL (if applicable)

A. L. CHRISTOPHER
NAME (Please type or print)

Signature

Acting Commander
Title

27 Jul 94
Date

Naval Ordnance Center, Pacific Division
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. W. EYER
NAME (Please type or print)

Signature

ACTING COMMANDER
Title

7/29/94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

G. R. STERNER
NAME (Please type or print)

Signature

Commander
Title

5-15-94
Date

Naval Sea Systems 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)

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

Signature

ACTING
Title

22 AUG 1994
Date

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

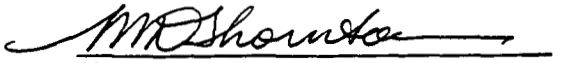
Installation Name:	**PORT HADLOCK WA ORDCTRPAC**
Unit Identification Code (UIC):	**N32013**
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1996	298T	HIGH EXPLOSIVE MAGAZINES	BRAC	5,100
		Sub-Total - 1996		**5,100**
1998	325	AMMUNITION WHARF IMPRS	MCON	4,800
		Sub-Total - 1998		**4,800**
1999	320	TOMAHAWK MAGAZINE	MCON	3,600
		Sub-Total - 1999		**3,600**
		Grand Total		**13,500**

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)


Signature

CDR, CEC, USN
Title

9 Dec 94
Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

MAJOR CLAIMANT LEVEL

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

Signature

COMMANDER
Title

12/9/94
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

12/9/94
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**PORT HADLOCK WA NWPNSTADT**
Unit Identification Code (UIC):	**N32013** #101
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	325	AMMUNITION WHARF IMPRS	MCON	4,800
		Sub-Total - 1998		**4,800**
1999	320	TOMAHAWK MAGAZINE	MCON	3,600
		Sub-Total - 1999		**3,600**
		Grand Total		**8,400**

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

MAJOR CLAIMANT LEVEL

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

Jack E Buffington
Signature

COMMANDER
Title

7/13/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

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

W A Earner
Signature

Title

7/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)

Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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.